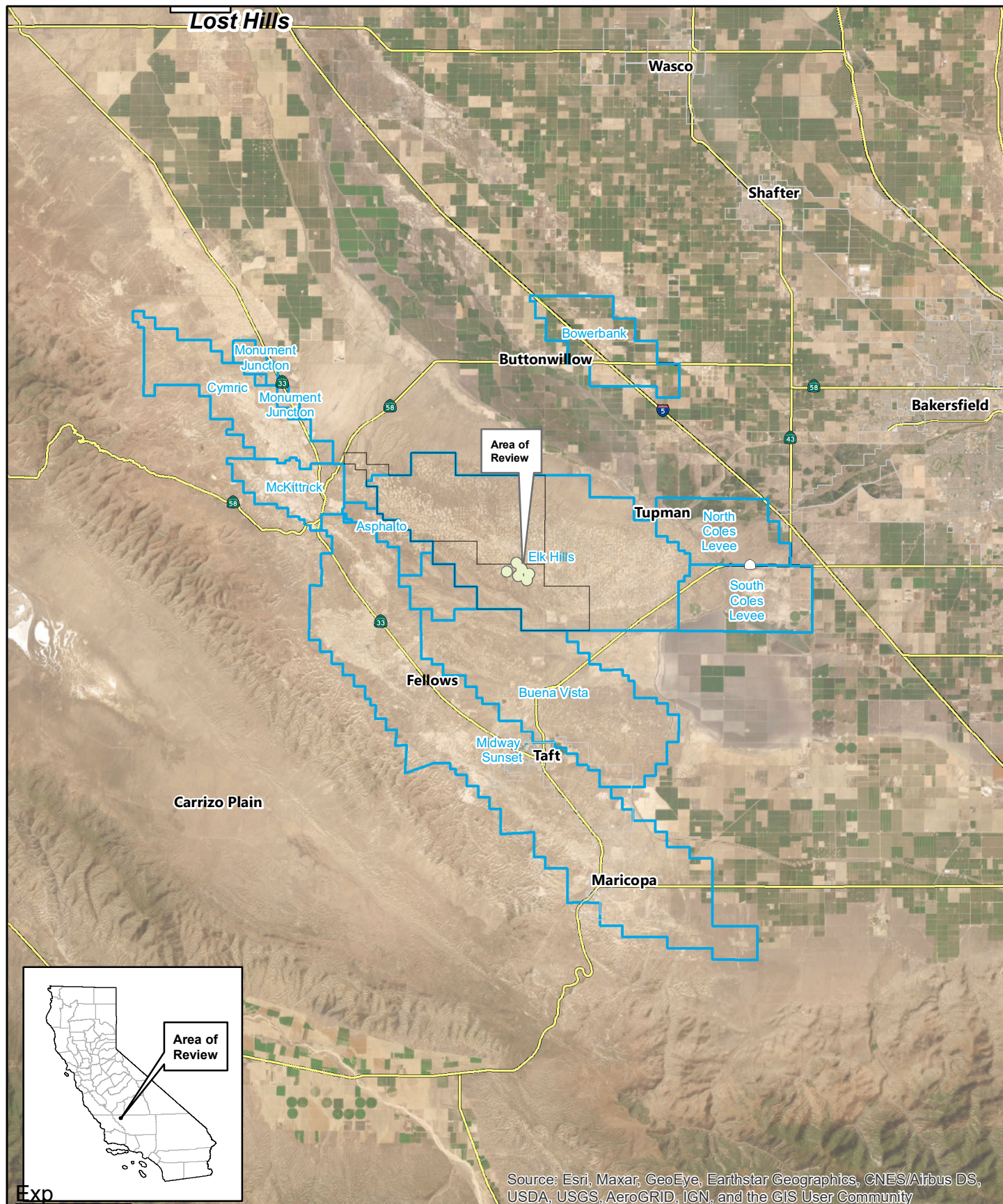
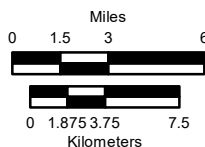


Attachment A

Exhibit A-1 – Site Location Map



- Area of Review
- CA Administrative Oil Field Boundaries¹



Notes:

1. California Geologic Energy Management (CalGEM)

Site Location Map

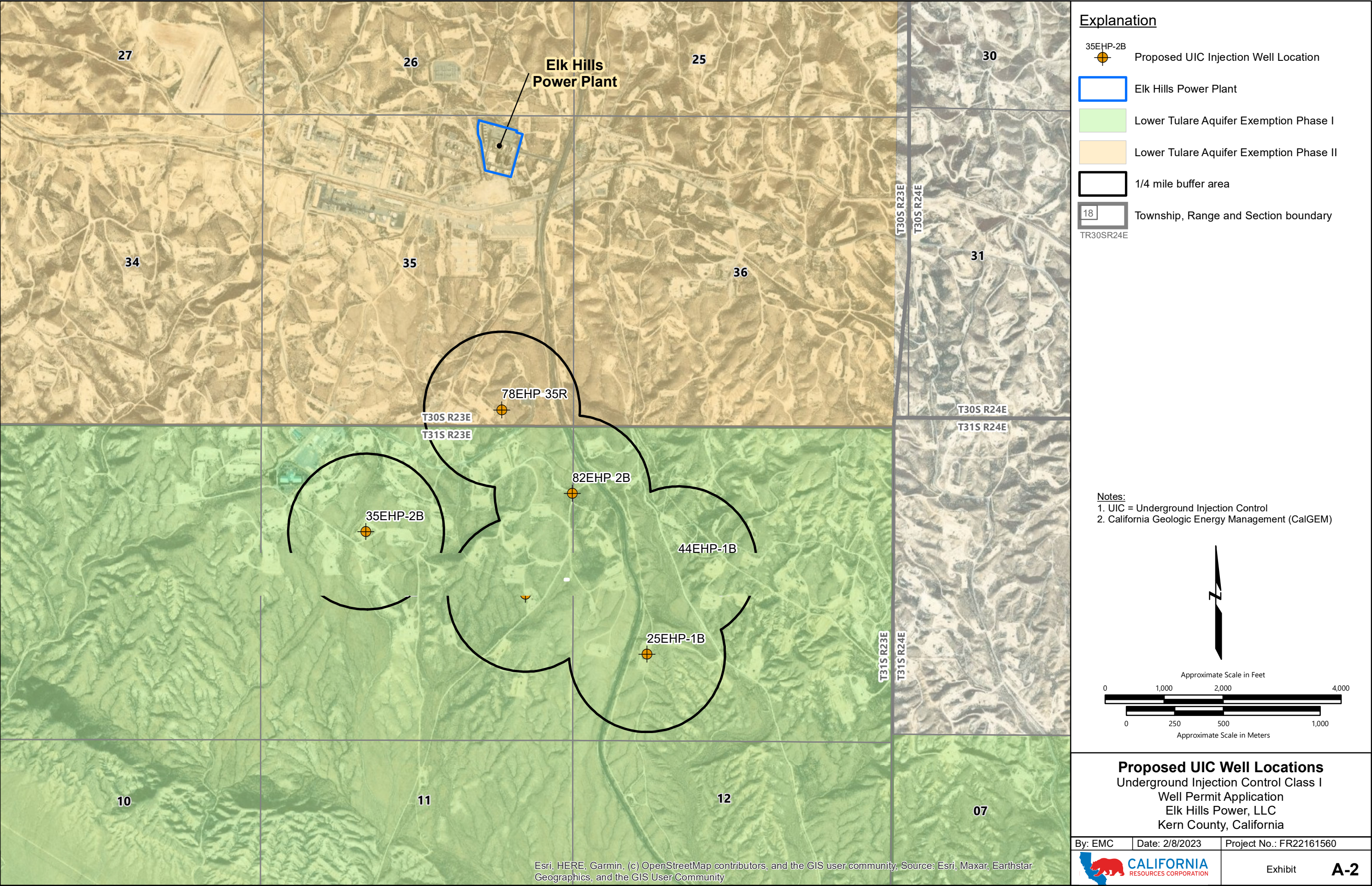
Underground Injection Control Class I
Well Permit Application
Elk Hills Power, LLC
Kern County, California

By: RR	Date: 1/11/2023	Project No.: FR22161560
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Exhibit

A-1



Attachment A

Exhibit A-10 – Well Construction Details
for Wells Located Within and Adjacent to
¼-Mile Radius Area of Review

**WELL CONSTRUCTION DETAILS
FOR WELLS LOCATED IN
SECTION 1B**

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 7/15/1950

1-1B

Ground Level: 1,172.1ft
 Datum: Original KB @ 1,177.10ft (default)
 KB: 5.0ft
 API-10: 0402927876

Wellbore: ORIGINAL HOLE
 PBMD: 5.0ft
 Btm TMD: 2,730.0ft
 Spud Date/Time: 8/21/1923
 BH Coord X: 6,129,427.24usft
 BH Coord Y: 2,286,514.43usft

Cement Depths - MD, TVD (ft)	Schematic (7/15/1950)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)	
			20" HOLE	5.0	1,190.0	5.0	1,190.0	
			15" HOLE	1,190.0	2,449.0	1,190.0	2,449.0	
			10" HOLE	2,449.0	2,730.0	2,449.0	2,730.0	
SURFACE CASING Report Date: 9/2/1923 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	15.500		70.00	10 RD	5.0	1,190.0	5.0	1190.0
INTERMEDIATE CASING Report Date: 10/28/1923 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	10.000		45.00	10 RD	1,145.0	2,449.0	1145.0	2449.0
PRODUCTION CASING Report Date: 11/23/1923 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	8.250		32.00	10 RD	2,352.0	2,469.0	2352.0	2469.0
SLOTTED CASING	8.250		36.00	10 RD	2,469.0	2,730.0	2469.0	2730.0
PLUG BACK				Well: 1-1B S/T/R: 1/31S/23E				
Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
CEMENT	5.0	57.0	5.0	57.0	-----			
PLUG BACK				Cond. Csg. Cmt Vol: NA				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: NA			
CEMENT	953.0	1,026.0	953.0	1026.0	Casing Size: NA			
PLUG BACK				Top Job: NA				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: NA			
CEMENT	2,306.0	2,352.0	2306.0	2352.0	TOC: NA			
CEMENT	2,352.0	2,469.0	2352.0	2469.0	-----			
CEMENT	2,469.0	2,470.0	2469.0	2470.0	Surface Csg. Cmt Vol: 230 cf			
PLUG BACK				Class 'C' Lead Cement: 0 cf				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 12 ppg.			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Class " Tail Cement: 0 cf			
CEMENT					Yield: 0.0, Density: 0 ppg.			
				Hole Size: 20"				
				Casing Size: 15.5"				
				Top Job: No				
				Rtns to Sfc: No				
				TTOC: 926'				

				Int Csg. Cmt Vol: 230 cf				
				Class 'G' Lead Cement: 0 cf				
				Yield: 1.15, Density: 12 ppg.				
				Class " Tail Cement: 0 cf				
				Yield: 0.0, Density: 0 ppg.				
				Hole Size: 15"				
				Casing Size: 10"				
				Top Job: No				
				Rtns to Sfc: No				
				TTOC: 2112'				

				Screen/Slotted Liner Cmt Vol: NA				
				Hole Size: NA				
				Casing Size: NA				
				Top Job: NA				
				Rtns to Sfc: NA				
				TTOC: NA				

				Cavity Shot: None				
				Junk: None				

				Volume Behind Pipe:				
				Assumed Yield: 1.15				
				Theoretical Calculations (TTOC)				

				R. Aguilar				
				Date: 11/2022				

				P&A Mud & Cement Details				

				Mud Volume: NA				
				Mud Weight: NA				
				Top of Mud: NA				

				Cement: 75 cf @ 2502'				
				270 cf @ 2306'				
				230 cf @ 953'				

				Top of Cement: 58 cf @ 0' - 57'				

926.0ft, 926.0ft (TOC)

1190.0ft, 1190.0ft

2112.0ft, 2112.0ft (TOC)

2449.0ft, 2449.0ft

2,469.0ft, 2,730.0ft, SLOTTED, 11/23/1923 00:00, ABANDONED,

45

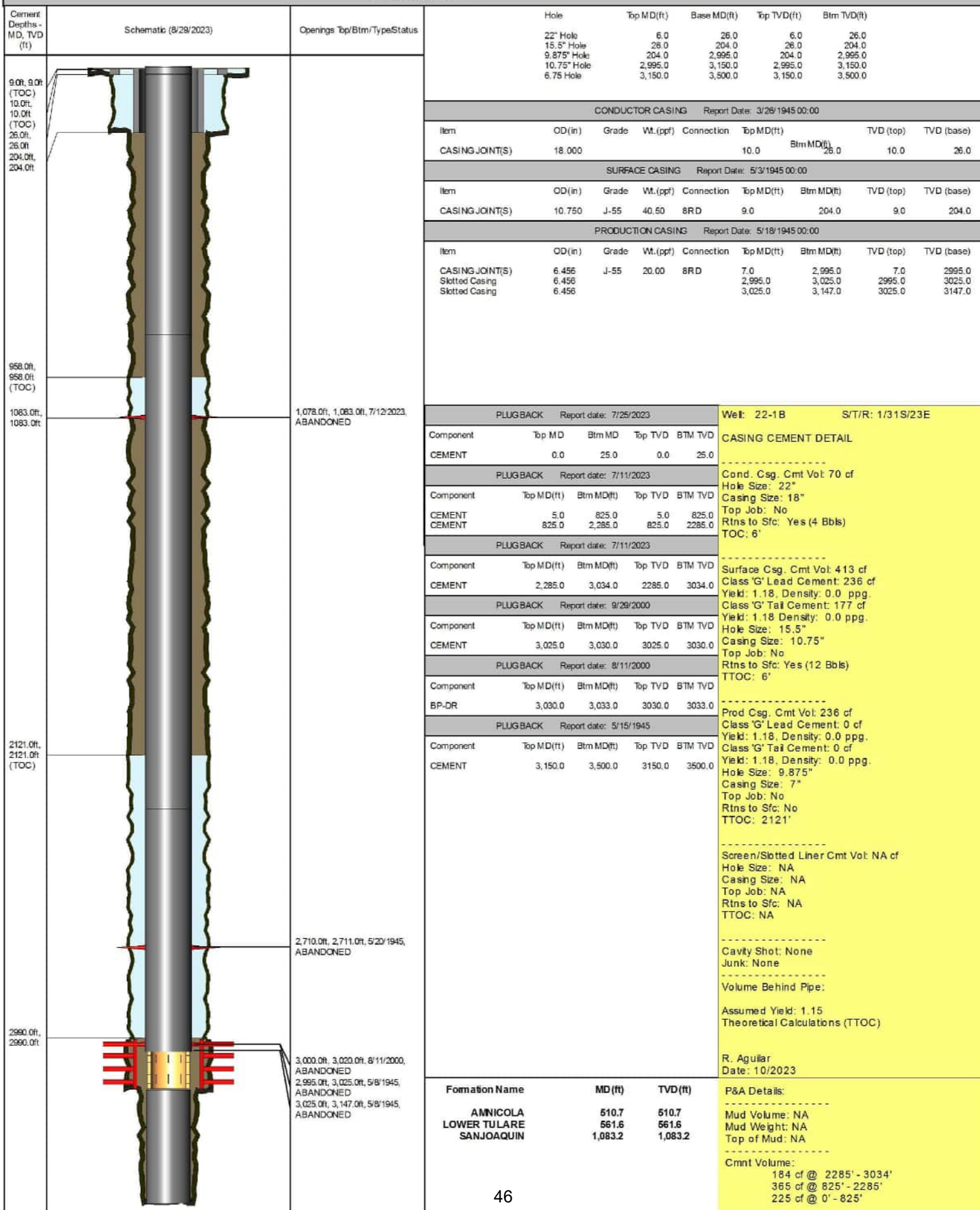
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 8/29/2023

22-1B

Ground Level: 1,115.0ft
 Datum: Original DF @ 1,121.00ft (default)
 KB: 6.0ft
 API-10: 0402927878

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 3,500.0ft
 Spud Date/Time: 5/3/1945
 BH Coord X: 6,125,054.25usft
 BH Coord Y: 2,285,905.93usft



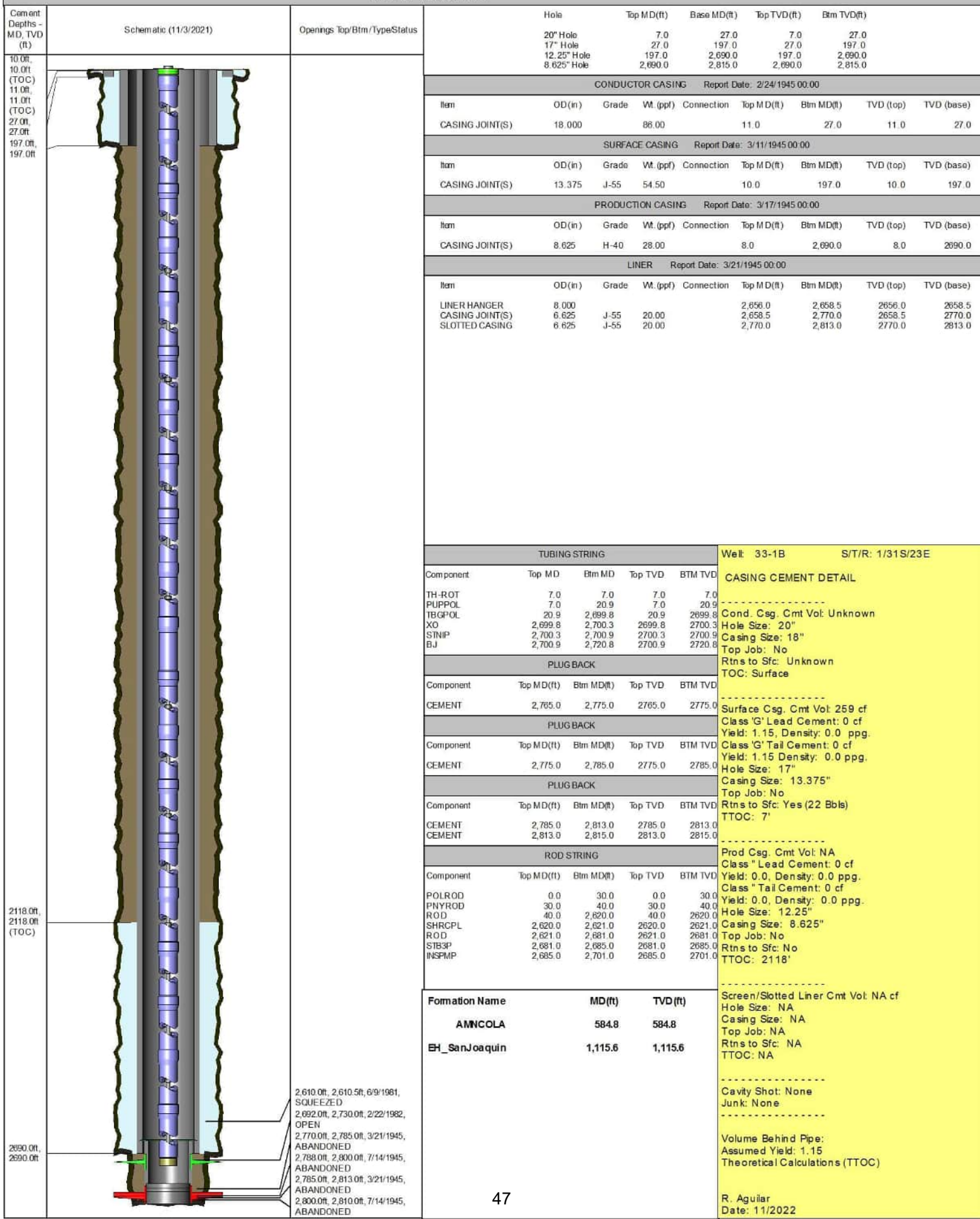
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/3/2021

33-1B

Ground Level: 1,102.0ft
 Datum: Original KB @ 1,109.00ft (default)
 KB: 7.0ft
 API-10: 0402927879

Wellbore: ORIGINAL HOLE
 PBMD: 2,784.0ft
 Btm TMD: 2,815.0ft
 Spud Date/Time: 3/11/1945
 BH Coord X: 6,125,784.25usft
 BH Coord Y: 2,285,220.93usft



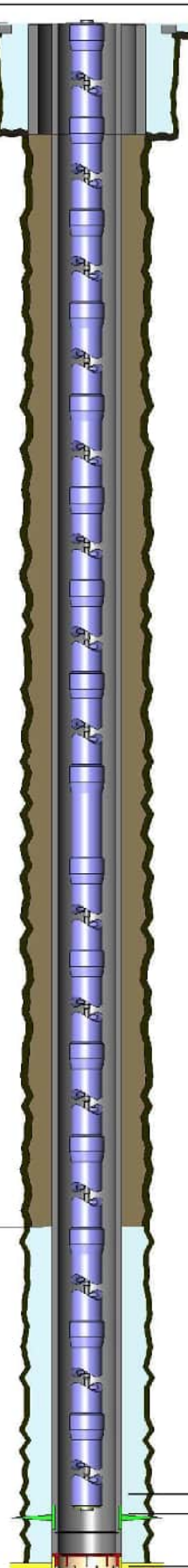
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/4/2021

53-1B

Ground Level: 1,178.0ft
 Datum: Original KB @ 1,183.00ft (default)
 KB: 5.0ft
 API-10: 0402927881

Wellbore: ORIGINAL HOLE
 PBMD: 2,775.0ft
 Btm TMD: 2,875.0ft
 Spud Date/Time: 1/22/1945
 BH Coord X: 6,127,053.75usft
 BH Coord Y: 2,285,199.43usft

Cement Depths - MD, TVD (ft)	Schematic (9/4/2021)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)								
5.0ft, 5.0ft (TOC)			20" HOLE	5.0	25.0	5.0	25.0								
9.0ft, 9.0ft (TOC)			16" HOLE	25.0	210.0	25.0	210.0								
25.0ft, 25.0ft			10.625" HOLE	210.0	2,875.0	210.0	2,875.0								
210.0ft, 210.0ft			CONDUCTOR CASING Report Date: 1/5/1945 00:00												
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
			CASING JOINT(S)	18.000				9.0	25.0	9.0	25.0				
			SURFACE CASING Report Date: 1/23/1945 00:00												
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
			CASING JOINT(S)	11.750	H-40	42.00	8RD	8.0	209.5	8.0	209.5				
			GUIDE SHOE	11.750	H-40	42.00	8RD	209.5	210.0	209.5	210.0				
			PRODUCTION CASING Report Date: 2/4/1945 00:00												
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
			CASING JOINT(S)	7.000	J-55	20.00	8RD	6.0	2,815.0	6.0	2815.0				
			FLOAT COLLAR	7.000	J-55	20.00	8RD	2,815.0	2,820.0	2815.0	2820.0				
			SLOTTED CASING	7.000	J-55	20.00	8RD	2,820.0	2,855.0	2820.0	2855.0				
			CASING JOINT(S)	7.000	J-55	20.00	8RD	2,855.0	2,873.0	2855.0	2873.0				
			TUBING STRING												
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 53-1B S/T/R: 1/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 20" Casing Size: 18" Top Job: No Rtns to Sfc: Unknown TOC: 5'							
			TH-SGL	5.0	5.0	5.0	5.0								
			XO	5.0	6.1	5.0	6.1								
			TBGPOL	6.1	2,725.3	6.1	2725.3								
			XO	2,725.3	2,725.8	2725.3	2725.8								
			STNIP	2,725.8	2,726.5	2725.8	2726.5								
			PUPJNT	2,726.5	2,730.7	2726.5	2730.7								
			PLUGBACK												
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 173 cf Class 'G' Lead Cement: 0 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 0 cf Yield: 1.15, Density: 0.0 ppg. Hole Size: 16" Casing Size: 11.75" Top Job: No Rtns to Sfc: Yes (3 Bbls) TTOC: 5'							
			BP-DR	2,775.0	2,777.0	2775.0	2777.0								
			ROD STRING												
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Prod Csg. Cmt Vol: 230 cf Class 'G' Lead Cement: 0 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 0 cf Yield: 1.15, Density: 0.0 ppg. Hole Size: 10.625" Casing Size: 7" Top Job: No Rtns to Sfc: No TTOC: 2215' Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA Cavity Shot: None Junk: None Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) R. Aguilar Date: 11/2022							
			POLROD	0.0	30.0	0.0	30.0								
			PNYROD	30.0	44.0	30.0	44.0								
			ROD	44.0	2,654.0	44.0	2654.0								
			SHRCPL	2,654.0	2,655.0	2654.0	2655.0								
			ROD	2,655.0	2,715.0	2655.0	2715.0								
			STB3P	2,715.0	2,719.0	2715.0	2719.0								
			INSPMP	2,719.0	2,735.0	2719.0	2735.0								
			Formation Name	MD(ft)	TVD(ft)										
			AMNICOLA	616.9	616.9										
			SANJOAQUIN	1,164.0	1,164.0										
2215.0ft, 2215.0ft (TOC)			2,705.0ft, 2,706.0ft, 2/6/1945, SQUEEZED												
			2,727.0ft, 2,770.0ft, 4/5/2001, OPEN												
			2,820.0ft, 2,855.0ft, 2/4/1945, ISOLATED												
2875.0ft, 2875.0ft															

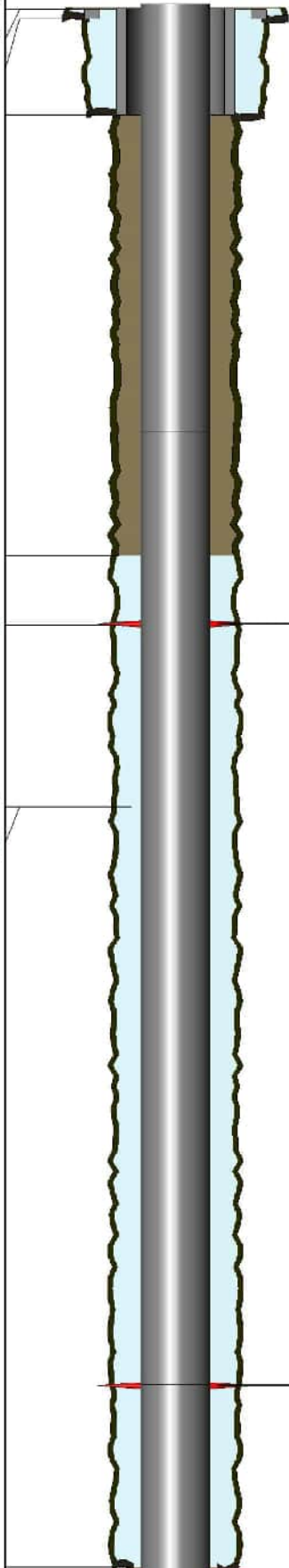
48

Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 8/29/2023

Ground Level: 1,116.0ft
Datum: Original KB @ 1,121.00ft (default)
KB: 5.0ft
API-10: 0402927888

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 2,763.0ft
Spud Date/Time: 5/12/1952
BH Coord X: 6,125,116.25usft
BH Coord Y: 2,285,960.93usft

222-1B

Cement Depths - MD, TVD (ft)	Schematic (5/29/2023)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
8.0ft, 8.0ft (TOC)			20" Hole	5.0	25.0	5.0	25.0				
9.0ft, 9.0ft (TOC)			16" Hole	25.0	192.0	25.0	192.0				
25.0ft, 25.0ft			10.625" Hole	192.0	2,713.0	192.0	2,713.0				
192.0ft, 192.0ft			7.625" Hole	2,713.0	2,763.0	2,713.0	2,763.0				
			CONDUCTOR CASING Report Date: 4/15/1952 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	18.000				9.0	25.0	9.0	25.0
			SURFACE CASING Report Date: 5/13/1952 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	11.750	H-40	42.00	STC	8.0	192.0	8.0	192.0
		PRODUCTION CASING Report Date: 5/18/1952 00:00									
		Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
		CASING JOINT(S)	7.000	J-55	20.00	STC	6.0	2,713.0	6.0	2713.0	
		LINER Report Date: 5/20/1952 00:00									
		Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
		CASING JOINT(S)	5.500	J-55	20.00	LTC	2,677.0	2,713.0	2677.0	2713.0	
		SLOTTED LINER	5.500	J-55	20.00	LTC	2,713.0	2,761.0	2713.0	2761.0	
		PLUGBACK Report date: 5/5/2023						Well: 222-1B	S/T/R: 1/31S/23E		
		Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL				
		CEMENT	0.0	25.0	0.0	25.0	-----				
		PLUGBACK Report date: 5/4/2023						Cond. Csg. Cmt Vol: 48 cf			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 20"				
		CEMENT	0.0	741.0	0.0	741.0	Casing Size: 18"				
		PLUGBACK Report date: 5/3/2023						Top Job: No			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: Yes (3 Bbls)				
		CEMENT	741.0	2,396.0	741.0	2396.0	TOC: 5'				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 590 cf				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Class 'C' Lead Cement: 0 cf				
		PLUGBACK Report date: 5/2/2023						Yield: 1.18, Density: 0.0 ppg.			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Tail Cement: 0 cf				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Yield: 1.18 Density: 0.0 ppg.				
		PLUGBACK Report date: 5/2/2023						Hole Size: 16"			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 11.75"				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top Job: No				
		PLUGBACK Report date: 5/2/2023						Rtns to Sfc: Yes (22 Bbls)			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: 5'				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Prod Csg. Cmt Vol: 480 cf			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Lead Cement: 0 cf				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Yield: 1.15, Density: 0.0 ppg.				
		PLUGBACK Report date: 5/2/2023						Class 'C' Tail Cement: 0 cf			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 0.0 ppg.				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Hole Size: 9.875"				
		PLUGBACK Report date: 5/2/2023						Casing Size: 7"			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Rtns to Sfc: No				
		PLUGBACK Report date: 5/2/2023						TTOC: 1393'			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Screen/Slotted Liner Cmt Vol: NA cf				
		PLUGBACK Report date: 5/2/2023						Hole Size: NA			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: NA				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top Job: NA				
		PLUGBACK Report date: 5/2/2023						Rtns to Sfc: NA			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: NA				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Cavity Shot: None			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Junk: None				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Volume Behind Pipe:			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Assumed Yield: 1.15				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Theoretical Calculations (TTOC)				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	R. Aguilar				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Date: 10/2023				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	P&A Details				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Mud Volume: NA			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Mud Weight: NA				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top of Mud: NA				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Cmnt Volume:				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	113cf @ 2396' - 2743'				
		PLUGBACK Report date: 5/2/2023						420cf @ 741' - 2396'			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	240cf @ 0' - 741'				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top Job: 100 cf "G" @ 0' - 25'				

2,396.0ft, 2,397.0ft, 5/1/2023, ABANDONED

2,713.0ft, 2,761.0ft, 5/29/1952, ABANDONED

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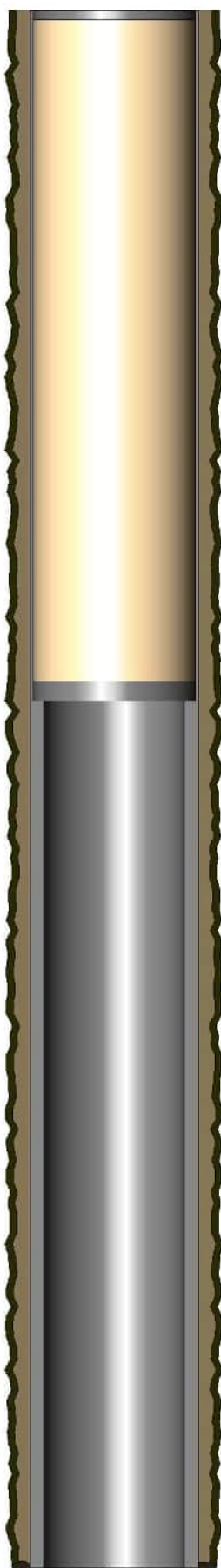
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 7/6/1934

1C-1B

Ground Level: 1,095.0ft
 Datum: Original KB @ 1,100.00ft (default)
 KB: 5.0ft
 API-10: 0402927889

Wellbore: ORIGINAL HOLE
 PBMD: 5.0ft
 Btm TMD: 2,763.0ft
 Spud Date/Time: 12/21/1921
 BH Coord X: 6,127,050.25usft
 BH Coord Y: 2,283,760.93usft

Cement Depths - MD, TVD (ft)	Schematic (7/6/1934)	Openings Top/Btm/Type/Status	Hole 18" Hole	Top MD(ft) 5.0	Base MD(ft) 795.0	Top TVD(ft) 5.0	Btm TVD(ft) 795.0		
			SURFACE CASING Report Date: 12/21/1921 00:00						
	Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
	CASING JOINT(S)	16.000				5.0	795.0	5.0	795.0
	PLUG BACK					Well: 1C-1B S/T/R: 1/31S/23E			
	Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
	CEMENT	5.0	10.0	5.0	10.0	-----			
	MUD	10.0	345.0	10.0	345.0	Cond. Csg. Cmt Vol: NA			
	CEMENT	345.0	355.0	345.0	355.0	Hole Size: 18"			
						Casing Size: 16"			
						Top Job: NA			
					Rtns to Sfc: NA				
					TOC: NA				

					Surface Csg. Cmt Vol: NA				
					Class " Lead Cement: NA cf				
					Yield: 0, Density: NA ppg.				
					Class " Tail Cement: NA cf				
					Yield: 0, Density: NA ppg.				
					Hole Size: NA				
					Casing Size: NA				
					Top Job: NA				
					Rtns to Sfc: NA				
					TTOC: NA				

					Prod Csg. Cmt Vol: NA				
					Class " Lead Cement: NA				
					Yield: 0, Density: NA ppg.				
					Class " Tail Cement: NA				
					Yield: 0, Density: NA ppg.				
					Hole Size: NA				
					Casing Size: NA				
					Top Job: NA				
					Rtns to Sfc: NA				
					TTOC: NA				

					Screen/Slotted Liner Cmt Vol: NA				
					Hole Size: NA				
					Casing Size: NA				
					Top Job: NA				
					Rtns to Sfc: NA				
					TTOC: NA				

					Cavity Shot: None				
					Junk: None				

					Volume Behind Pipe:				
					Assumed Yield: 1.15				
					Theoretical Calculations (TTOC)				

					R. Aguilar				
					Date: 11/2022				
			Formation Name	MD(ft)	TVD(ft)	P&A Mud & Cement Details			
			AMNICOLA	582.0	582.0	-----			
			AMNICOLA_BASE	647.8	647.8	Mud Volume: NA			
						Mud Weight: NA			
						Top of Mud: NA			
						Cement: 533 cf @ 345'			

						Top of Cement: 4 cf @ Surface'			

50

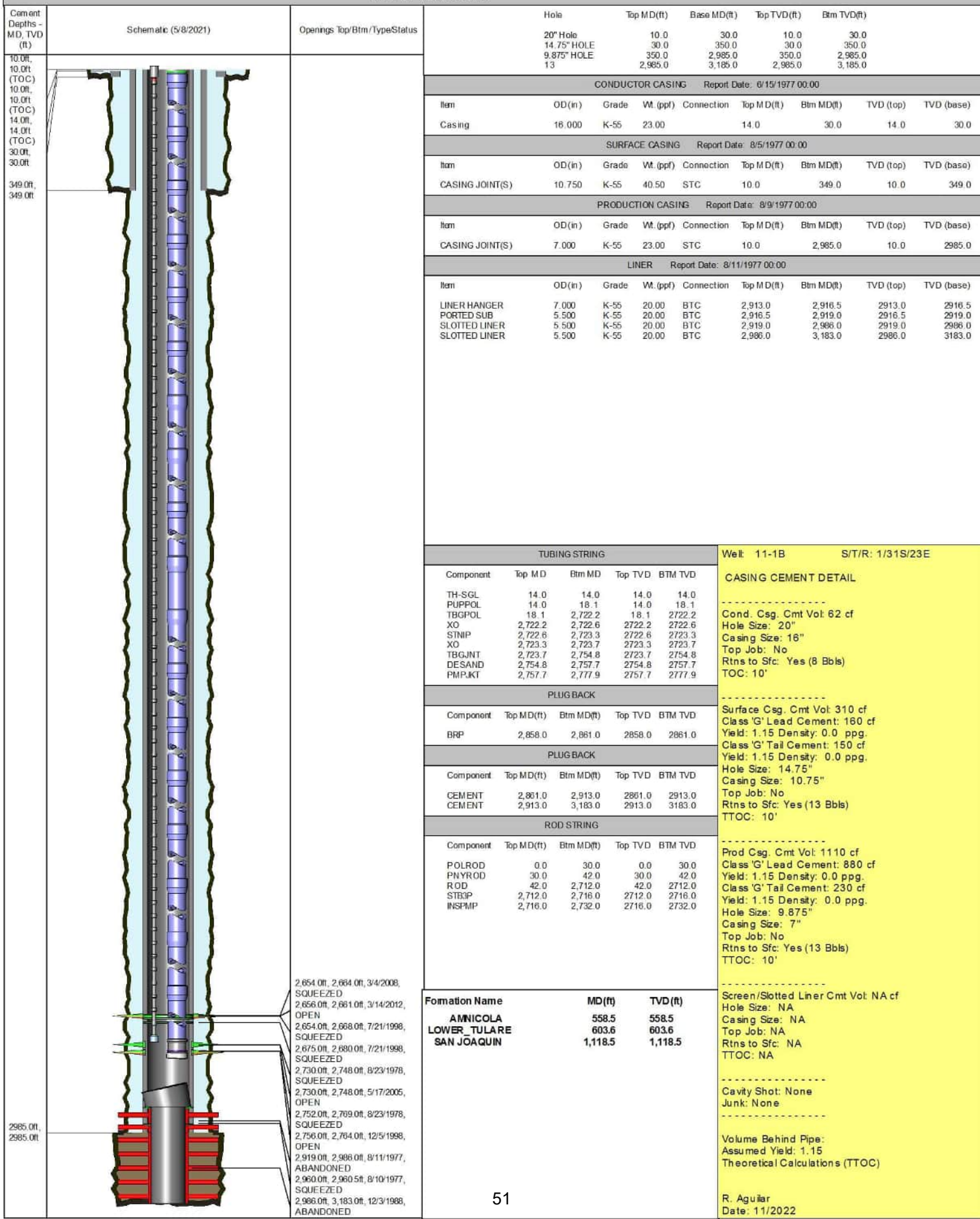
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/8/2021

11-1B

Ground Level: 1,184.0ft
 Datum: Original DF @ 1,194.00ft (default)
 KB: 10.0ft
 API-10: 0402955672

Wellbore: ORIGINAL HOLE
 PBMD: 2,858.0ft
 Btm TMD: 3,185.0ft
 Spud Date/Time: 8/4/1977
 BH Coord X: 6,124,385.75usft
 BH Coord Y: 2,286,532.93usft

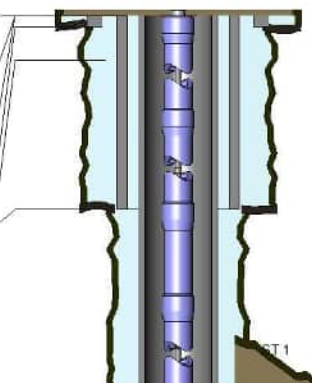
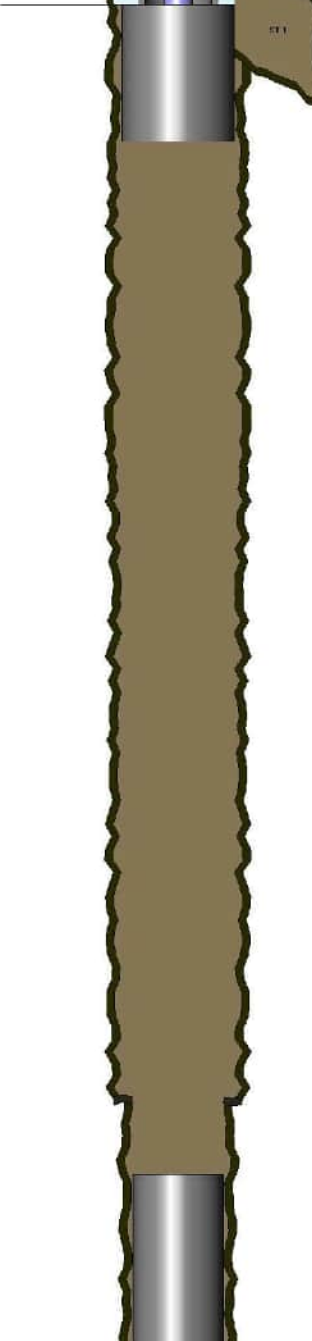


Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 5/29/2019

Ground Level: 1,149.0ft
Datum: Original DF @ 1,159.00ft (default)
KB: 10.0ft
API-10: 0402955673

Wellbore: ORIGINAL HOLE
PBMD: 680.0ft
Btm TMD: 3,232.5ft
Spud Date/Time: 11/8/1978
BH Coord X: 6,124,379.74usft
BH Coord Y: 2,285,340.37usft

13-1B

Cement Depths - MD, TVD (ft)	Schematic (5/29/2019)	Openings Top/Btm/Type/Status	<table><tr><th>Hole</th><th>Top MD(ft)</th><th>Base MD(ft)</th><th>Top TVD(ft)</th><th>Btm TVD(ft)</th></tr><tr><td>20" HOLE</td><td>0.0</td><td>30.0</td><td></td><td>30.0</td></tr><tr><td>14.75" HOLE</td><td>30.0</td><td>360.0</td><td>30.0</td><td>360.0</td></tr><tr><td>9.875" HOLE</td><td>360.0</td><td>2,660.0</td><td>360.0</td><td>2,659.7</td></tr><tr><td>7.875" HOLE</td><td>2,660.0</td><td>3,240.0</td><td>2,659.7</td><td>3,239.6</td></tr></table>								Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)	20" HOLE	0.0	30.0		30.0	14.75" HOLE	30.0	360.0	30.0	360.0	9.875" HOLE	360.0	2,660.0	360.0	2,659.7	7.875" HOLE	2,660.0	3,240.0	2,659.7	3,239.6																																																																																																																																																																																																																																																										
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	CASING JOINT(S)	10.750	K-55	40.50	STC	10.0	360.0	10.0	360.0																																																																																																																																																																																																																																																																																				
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	CASING JOINT(S)	7.000	K-55	23.00	STC	10.0	3,398.0	10.0	3397.6																																																																																																																																																																																																																																																																																				
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	<table><tr><th colspan="5">TUBING STRING</th></tr><tr><th>Component</th><th>Top MD</th><th>Btm MD</th><th>Top TVD</th><th>Btm TVD</th></tr><tr><td>TH-SGL</td><td>10.0</td><td>10.7</td><td>10.0</td><td>10.7</td></tr><tr><td>FAINIP</td><td>10.7</td><td>11.4</td><td>10.7</td><td>11.3</td></tr><tr><td>TBGPOL</td><td>11.4</td><td>2,905.9</td><td>11.3</td><td>2905.5</td></tr><tr><td>XO</td><td>2,905.9</td><td>2,906.3</td><td>2905.5</td><td>2906.0</td></tr><tr><td>STNIP</td><td>2,906.3</td><td>2,907.0</td><td>2906.0</td><td>2906.6</td></tr><tr><td>PMFJKT</td><td>2,907.0</td><td>2,927.0</td><td>2906.6</td><td>2926.6</td></tr><tr><th colspan="5">PLUG BACK</th></tr><tr><th>Component</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>Top TVD</th><th>Btm TVD</th></tr><tr><td>CEMENT</td><td>680.0</td><td>927.0</td><td>680.0</td><td>927.0</td></tr><tr><th colspan="5">PLUG BACK</th></tr><tr><th>Component</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>Top TVD</th><th>Btm TVD</th></tr><tr><td>CEMENT</td><td>2,792.0</td><td>3,218.0</td><td>2791.7</td><td>3217.6</td></tr><tr><th colspan="5">ROD STRING</th></tr><tr><th>Component</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>Top TVD</th><th>Btm TVD</th></tr><tr><td>POLROD</td><td>0.0</td><td>30.0</td><td>0.0</td><td>30.0</td></tr><tr><td>PNYROD</td><td>30.0</td><td>50.0</td><td>30.0</td><td>50.0</td></tr><tr><td>ROD</td><td>50.0</td><td>2,900.0</td><td>50.0</td><td>2899.7</td></tr><tr><td>STB3P</td><td>2,900.0</td><td>2,904.0</td><td>2899.7</td><td>2903.7</td></tr><tr><td>INSPMP</td><td>2,904.0</td><td>2,920.0</td><td>2903.7</td><td>2919.6</td></tr></table>							TUBING STRING					Component	Top MD	Btm MD	Top TVD	Btm TVD	TH-SGL	10.0	10.7	10.0	10.7	FAINIP	10.7	11.4	10.7	11.3	TBGPOL	11.4	2,905.9	11.3	2905.5	XO	2,905.9	2,906.3	2905.5	2906.0	STNIP	2,906.3	2,907.0	2906.0	2906.6	PMFJKT	2,907.0	2,927.0	2906.6	2926.6	PLUG BACK					Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD	CEMENT	680.0	927.0	680.0	927.0	PLUG BACK					Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD	CEMENT	2,792.0	3,218.0	2791.7	3217.6	ROD STRING					Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD	POLROD	0.0	30.0	0.0	30.0	PNYROD	30.0	50.0	30.0	50.0	ROD	50.0	2,900.0	50.0	2899.7	STB3P	2,900.0	2,904.0	2899.7	2903.7	INSPMP	2,904.0	2,920.0	2903.7	2919.6																																																																																																																																																																													
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Screen/Slotted Liner Cmt Vol: NA																																																																																																																																																																																																																																																																																													
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Cavity Shot: None																																																																																																																																																																																																																																																																																													
Junk: None																																																																																																																																																																																																																																																																																													

Volume Behind Pipe:																																																																																																																																																																																																																																																																																													
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Mud Volume: NA																																																																																																																																																																																																																																																																																													
Mud Weight: NA																																																																																																																																																																																																																																																																																													
Top of Mud: NA																																																																																																																																																																																																																																																																																													
Cement: 152 cf @ 2792' - 3218'																																																																																																																																																																																																																																																																																													
Top of Cement: 252 cf @ 680' - 927'																																																																																																																																																																																																																																																																																													
			AMNICOLA	646.5	646.5																																																																																																																																																																																																																																																																																								
			SANJOAQUIN	1,174.5	1,174.6																																																																																																																																																																																																																																																																																								

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Field Name: ELKHILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 10/4/2016

21-1B

Ground Level: 1,180.0ft
Datum: Original DF @ 1,190.00ft (default)
KB: 10.0ft
API-10: 0402956092

Wellbore: ORIGINAL HOLE
PBMD: 3,073.0ft
Btm TMD: 3,175.0ft
Spud Date: 10/12/1977 00:00
BH Coord X: 6,125,062.25usft
BH Coord Y: 2,286,568.93usft

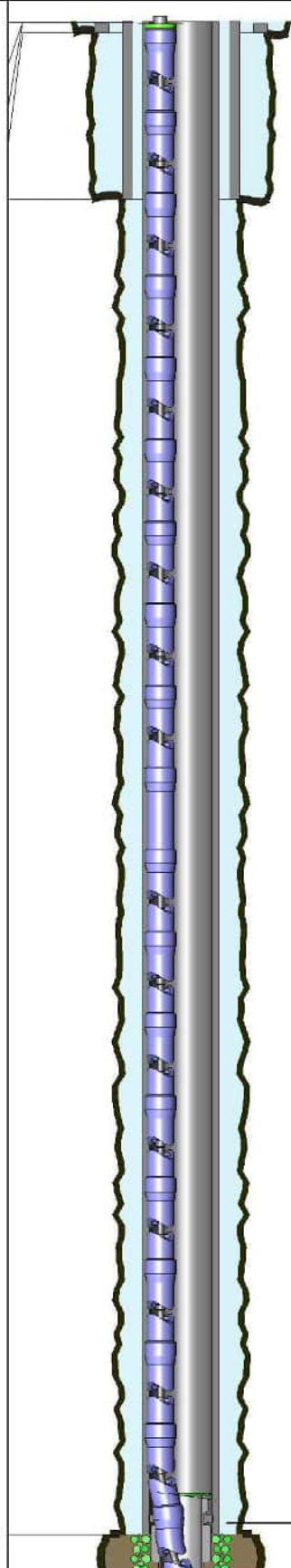
Borehole Section	Cement Depths - MD, TVD (ft)	Schematic (10/4/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
10.0ft, 10.0ft 30.0ft, 30.0ft	10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 30.0ft, 30.0ft			20" Hole	10.0	30.0	10.0	30.0				
				14.75" HOLE	30.0	337.0	30.0	337.0				
				9.875" HOLE	337.0	2,980.0	337.0	2,980.0				
				13" HOLE	2,980.0	3,075.0	2,980.0	3,075.0				
				7.875" HOLE	3,075.0	3,175.0	3,075.0	3,175.0				
				CONDUCTOR CASING Report Date: 10/11/1977 00:00								
				Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				CASING JOINT(S)	16.000				10.0	30.0	10.0	30.0
				SURFACE CASING Report Date: 10/12/1977 00:00								
				Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	STC	10.0	337.0	10.0	337.0	
			PRODUCTION CASING Report Date: 10/16/1977 00:00									
			Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	K-55	23.00	STC	9.0	2,980.0	9.0	2980.0	
			INNER LINER Report Date: 2/10/2006 00:00									
			Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			SEAL ADAPTER	5.563				2,700.6	2,701.6	2700.6	2701.6	
			LANDING NIPPLE	5.500				2,701.6	2,702.8	2701.6	2702.8	
			SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,702.8	2,742.3	2702.8	2742.3	
			SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,742.3	2,906.9	2742.3	2906.9	
			CROSSOVER	5.500	K-55		HYD 511	2,906.9	2,907.8	2906.9	2907.8	
			SLOTTED LINER	3.500	K-55	9.30	HYD 511	2,907.8	3,070.0	2907.8	3070.0	
			DRILL-IN SHOE	3.500			HYD 511	3,070.0	3,073.0	3070.0	3073.0	
			TUBING STRING						Well: 21-1B S/T/R: 1/31S/23E			
								TVD (top)	TVD (base)			
			TH-ROT	10.0	10.0	10.0	10.0					
			PUPPOL	10.0	12.1	10.0	12.1					
			TBGPOL	12.1	2,893.6	12.1	2,893.6					
			XO	2,893.6	2,894.1	2,893.6	2,894.1					
			STNIP	2,894.1	2,894.8	2,894.1	2,894.8					
			XO	2,894.8	2,895.3	2,894.8	2,895.3					
			PMPJKT	2,895.3	2,914.9	2,895.3	2,914.9					
			PLUGBACK						Casing Cement Detail			
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)					
			CEMENT	3,083.0	3,156.0	3083.0	3156.0					
			ROD STRING						Cond. Csg. Cmt Vol: 54cf			
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)					
			POLROD	0.0	30.0	0.0	30.0					
			PNYROD	30.0	34.0	30.0	34.0					
			ROD	34.0	1,744.0	34.0	1744.0					
			ROD	1,744.0	2,884.0	1744.0	2884.0					
			RSTBAR	2,884.0	2,888.0	2884.0	2888.0					
			INSPMP	2,888.0	2,900.0	2888.0	2900.0					
			2,702.8ft, 2,742.3ft, SLOTTED, 2/10/2006 00:00, OPEN						Surf. Csg. Cmt Vol: 300 cf			
			2,731.0ft, 2,755.0ft, PERFORATED, 1/9/2005 00:00, OPEN						Class 'G' Lead Cement 150 cf			
			2,731.0ft, 2,755.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			2,761.0ft, 2,770.0ft, PERFORATED, 1/9/2005 00:00, OPEN						Class 'G' Tail Cement 150 cf			
			2,761.0ft, 2,770.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			2,742.3ft, 2,906.9ft, SLOTTED, 2/10/2006 00:00, OPEN						Hole Size: 14.75"			
			2,930.0ft, 2,961.0ft, PERFORATED, 10/17/1977 00:00, SQUEEZED						Casing Size: 10.75"			
			2,907.8ft, 3,070.0ft, SLOTTED, 2/10/2006 00:00, OPEN						Top Job: No			
			2,990.0ft, 3,010.0ft, PERFORATED, 9/2/1998 00:00, OPEN						Rtns to Sfc: Yes (13 bbls)			
			2,990.0ft, 3,010.0ft, PERFORATED, 12/9/2005 00:00, OPEN						TOC: 10'			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/27/2004 00:00, OPEN						Prod. Csg. Cmt Vol: 1,080 cf			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Class 'G' Lead Cement 850 cf			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Class 'G' Tail Cement 230 cf			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Hole Size: 9.875"			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Casing Size: 7"			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Top Job: No			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Rtns to Sfc: Yes (7 bbls)			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						TOC: 10'			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Cavity Shot: None			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Junk: None			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Formation Markers: (MD/TVD)			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						USDW:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						BOFW:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						San Joaquin Formation:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Etchegoin Formation:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Reef Ridge Formation & Top Upper Confining Interval:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Monterey Formation, Base Upper Confining Interval & Top Injection Zone:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Base Injection Zone: NA			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Top Lower Confining Interval: NA			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Volume Behind Pipe:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Theoretical Calculations (ETOC)			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						E. Glauser			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Date: 09/2020			

Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 5/12/2015

Ground Level: 1,126.0ft
Datum: Original KB @ 1,136.00ft (default)
KB: 10.0ft
API-10: 0402956150

Wellbore: ORIGINAL HOLE
PBMD: 2,935.0ft
Btm TMD: 2,935.0ft
Spud Date/Time: 11/8/1977
BH Coord X: 6,127,104.25usft
BH Coord Y: 2,284,591.93usft

54-1B

Cement Depths - MD, TVD (ft)	Schematic (5/12/2015)	Openings Top/Btm/Type/Status	Hole							
			Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
			18"Hole	10.0	30.0	10.0	30.0			
			14.75"Hole	30.0	331.0	30.0	331.0			
			9.875"Hole	331.0	2,751.0	331.0	2,751.0			
10.0ft (TOC)		13"Hole	2,751.0	2,899.0	2,751.0	2,899.0				
10.0ft (TOC)		7.875"Hole	2,899.0	2,935.0	2,899.0	2,935.0				
10.0ft (TOC)		CONDUCTOR CASING Report Date: 8/11/1977 00:00								
10.0ft (TOC)		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
30.0ft		CASING JOINT(S)	16.000				14.0	30.0	14.0	30.0
30.0ft		SURFACE CASING Report Date: 11/8/1977 00:00								
331.0ft		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	10.750	K-55	40.50		10.0	331.0	10.0	331.0
		PRODUCTION CASING Report Date: 11/12/1977 00:00								
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
	CASING JOINT(S)	7.000	K-55	23.00		10.0	2,751.0	10.0	2,751.0	
	GRAVEL PACK LINER Report Date: 11/14/1977 00:00									
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
	LINER HANGER	5.500		20.00		2,676.0	2,681.0	2,676.0	2,681.0	
	GRAVEL PACK	5.500		20.00		2,681.0	2,822.0	2,681.0	2,822.0	
	SLOTTED LINER	5.500	J-55	20.00		2,822.0	2,892.0	2,822.0	2,892.0	
	TUBING STRING									
	Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 54-1B S/T/R: 1/31S/23E				
	TH-ROT	14.0	14.0	14.0	14.0	Casing Cement Detail				
	PUPPOL	14.0	22.0	14.0	22.0	-----				
	TBGPOL	22.0	2,846.0	22.0	2,846.0	Cond. Csg. Cmt Vol: Unknown				
	XO	2,846.0	2,846.5	2,846.0	2,846.5	Hole Size: 20"				
	STNIP	2,846.5	2,847.1	2,846.5	2,847.1	Casing Size: 16"				
	PMPJKT	2,847.1	2,866.9	2,847.1	2,866.9	Top Job: No				
	GRAVEL PACK					Rtns to Sfc: Unknown				
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TOC: 10'				
	GRVPCK	2,681.0	2,681.0	2,681.0	2,681.0	-----				
	ROD STRING					Surface Csg. Cmt Vol: 300 cf				
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Lead Cement: 150 cf				
	POLROD	0.0	30.0	0.0	30.0	Yield: 1.15, Density: 12.0 ppg.				
	PNYROD	30.0	52.0	30.0	52.0	Class 'G' Tail Cement: 150 cf				
	ROD	52.0	2,842.0	52.0	2,842.0	Yield: 1.15 Density: 12.0 ppg.				
	RSTBAR	2,842.0	2,846.0	2,842.0	2,846.0	Hole Size: 14.75"				
	INSPMP	2,846.0	2,858.0	2,846.0	2,858.0	Casing Size: 10.75"				
						Top Job: No				
						Rtns to Sfc: Yes (12 Bbls)				
						TTOC: 10'				

						Prod Csg. Cmt Vol: 1000 cf				
						Class 'G' Lead Cement: 770 cf				
						Yield: 1.15, Density: 12.0 ppg.				
						Class 'G' Tail Cement: 230 cf				
						Yield: 1.15, Density: 12.0 ppg.				
						Hole Size: 9.875"				
						Casing Size: 7"				
						Top Job: No				
						Rtns to Sfc: Yes (5 Bbls)				
						TTOC: 10'				

						Screen/Slotted Liner Cmt Vol: NA cf				
						Hole Size: NA				
						Casing Size: NA				
						Top Job: NA				
						Rtns to Sfc: NA				
						TTOC: NA				

						Cavity Shot: None				
						Junk: None				

						Volume Behind Pipe:				
						Assumed Yield: 1.15				
						Theoretical Calculations (TTOC)				
						R. Aguilar				
						Date: 11/2022				

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 3/7/2014

43-1B

Ground Level: 1,135.0ft
 Datum: Original KB @ 1,144.00ft (default)
 KB: 9.0ft
 API-10: 0402957842

Wellbore: ORIGINAL HOLE
 PBMD: 2,828.0ft
 Btm TMD: 2,830.0ft
 Spud Date/Time: 6/14/1978
 BH Coord X: 6,126,464.25usft
 BH Coord Y: 2,285,230.93usft

Cement Depths - MD, TVD (ft)	Schematic (3/7/2014)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
9.0ft, 9.0ft (TOC)			18" Hole	9.0	29.0	9.0	29.0				
9.0ft, 9.0ft (TOC)			14.75" Hole	29.0	324.0	29.0	324.0				
13.0ft, 13.0ft (TOC)			9.875" Hole	324.0	2,720.0	324.0	2,720.0				
29.0ft, 29.0ft			13" Hole	2,720.0	2,830.0	2,720.0	2,830.0				
324.0ft, 324.0ft			CONDUCTOR CASING Report Date: 5/22/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				13.0	29.0	13.0	29.0
			SURFACE CASING Report Date: 6/14/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50		9.0	324.0	9.0	324.0
			PRODUCTION CASING Report Date: 6/18/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00		9.0	2,718.0	9.0	2718.0
			LINER Report Date: 6/20/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			LINER HANGER	6.300				2,650.0	2,655.0	2650.0	2655.0
			SLOTTED LINER	5.500	K-55	20.00		2,655.0	2,718.0	2655.0	2718.0
			SLOTTED LINER	5.500	K-55	20.00		2,718.0	2,828.0	2718.0	2828.0
			TUBING STRING								
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 43-1B S/T/R: 1/31S/23E			
			TH-ROT	9.0	9.0	9.0	9.0	CASING CEMENT DETAIL			
			FATNIP	9.0	9.7	9.0	9.7	-----			
			TBGPOL	9.7	2,772.3	9.7	2772.3	Cond. Csg. Cmt Vol: Unknown			
			XO	2,772.3	2,772.7	2772.3	2772.7	Hole Size: 18"			
			STNIP	2,772.7	2,773.6	2772.7	2773.6	Casing Size: 16"			
			PMPJKT	2,773.6	2,793.8	2773.6	2793.8	Top Job: No			
			ROD STRING					Rtns to Sfc: Unknown			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TOC: 9'			
			POLROD	0.0	30.0	0.0	30.0	-----			
			PNYROD	30.0	46.0	30.0	46.0	Surface Csg. Cmt Vol: 280 cf			
			ROD	46.0	2,776.0	46.0	2776.0	Class 'G' Lead Cement: 130 cf			
			RSTBAR	2,776.0	2,780.0	2776.0	2780.0	Yield: 1.15, Density: 0.0 ppg.			
			INSPMP	2,780.0	2,796.0	2780.0	2796.0	Class 'G' Tail Cement: 150 cf			
			Formation Name					Yield: 1.15 Density: 0.0 ppg.			
				MD(ft)		TVD(ft)		Hole Size: 14.75"			
			AMNICOLA	511.6	511.6			Casing Size: 10.75"			
			LOWER_TULARE	588.6	588.6			Top Job: No			
			SAN JOAQUIN	1,132.2	1,132.2			Rtns to Sfc: Yes (10 Bbls)			
			Screen/Slotted Liner Cmt Vol: NA cf					TTOC: 9'			
			Hole Size: NA					-----			
			Casing Size: NA					Prod Csg. Cmt Vol: 950 cf			
			Top Job: NA					Class 'G' Lead Cement: 720 cf			
			Rtns to Sfc: NA					Yield: 1.15, Density: 0.0 ppg.			
			TTOC: NA					Class 'G' Tail Cement: 230 cf			
			Cavity Shot: None					Yield: 1.15, Density: 0.0 ppg.			
			Junk: None					Hole Size: 9.875"			
			-----					Casing Size: 7"			
			Volume Behind Pipe:					Top Job: No			
			Assumed Yield: 1.15					Rtns to Sfc: Yes (14 Bbls)			
	Theoretical Calculations (TTOC)					TTOC: 9'					
	-----					-----					
	R. Aguilar										
	Date: 11/2022										

2718.0ft, 2718.0ft

2,680.0ft, 2,680.5ft, 6/19/1978, SQUEEZED

2,718.0ft, 2,828.0ft, 6/20/1978, OPEN

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Field Name: ELK HILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 9/27/2018

Ground Level: 1,092.0ft
Datum: Original DF @ 1,105.00ft (default)
KB: 13.0ft
API-10: 0402966850

Wellbore: ORIGINAL HOLE
PBMD: 3,277.0ft
Btm TMD: 3,330.0ft
Spud Date/Time: 6/21/1982
BH Coord X: 6,124,369.75usft
BH Coord Y: 2,283,895.93usft

15-1B

Cement Depths - MD, TVD (ft)	Schematic (9/27/2018)	Openings Top/Btm/Type/Status
13.0ft, 13.0ft (TOC)		
303.0ft, 303.0ft		
3315.0ft, 3315.0ft		

3,004.0ft, 3,022.0ft, 4/27/1983, OPEN

Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
18" HOLE	13.0	33.0	13.0	33.0
14.75" HOLE	33.0	306.0	33.0	306.0
9.875" HOLE	306.0	3,330.0	306.0	3,330.0

CONDUCTOR CASING Report Date: 3/8/1982 00:00								
Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	16.000		75.00		13.0	33.0	13.0	33.0

SURFACE CASING Report Date: 6/23/1982 00:00								
Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	10.750	H-40	40.50		13.0	303.0	13.0	303.0

PRODUCTION CASING Report Date: 6/26/1982 00:00								
Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	7.000	K-55	23.00		13.0	3,315.0	13.0	3315.0

PLUG BACK					Well: 15-1B S/T/R: 1/31S/23E
Component	Top M.D.	Btm MD	Top TVD	BTM TVD	
CEMENT	3,277.0	3,315.0	3277.0	3315.0	CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: 326 cf Hole Size: 18" Casing Size: 18" Top Job: No Rtns to Sfc: Yes (Unknown) TOC: 13' ----- Surface Csg. Cmt Vol: 350 cf Class 'G' Lead Cement: 200 cf Yield: 1.3, Density: 0.0 ppg. Class 'G' Tail Cement: 150 cf Yield: 1.3 Density: 0.0 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: No TTOC: 13' ----- Prod Csg. Cmt Vol: 1260 cf Class 'G' Lead Cement: 1050 cf Yield: 1.3, Density: 0.0 ppg. Class 'G' Tail Cement: 210 cf Yield: 1.3, Density: 0.0 ppg. Hole Size: 9.875" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (18 Bbls) TTOC: 13' ----- Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) ----- R. Aguilar Date: 11/20/22
CEMENT	3,315.0	3,330.0	3315.0	3330.0	

Formation Name	MD(ft)	TVD(ft)
AMNICO LA	610.6	610.6
LOWER TULARE	668.6	668.6
SAN J O A Q U I N	1,209.0	1,209.0

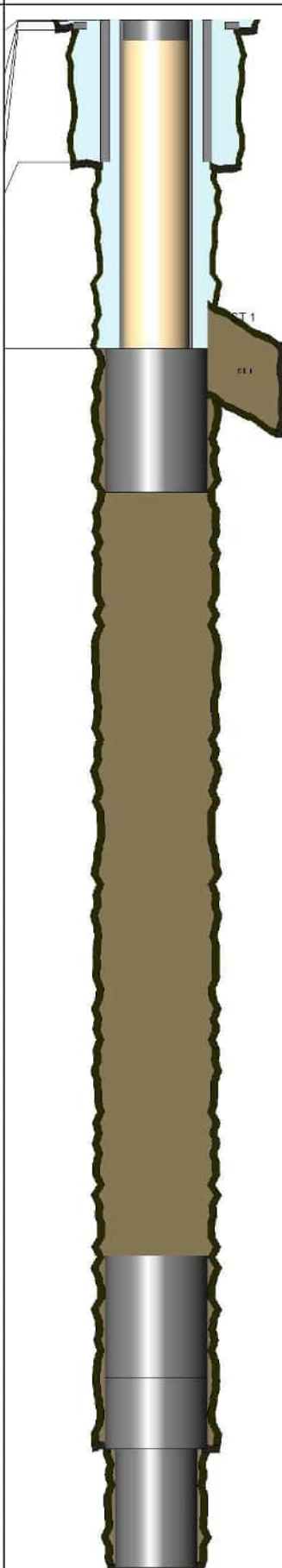
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 3/2/2005

26-1B

Ground Level: 1,078.0ft
 Datum: Original DF @ 1,090.00ft (default)
 KB: 12.0ft
 API-10: 0402972052

Wellbore: ORIGINAL HOLE
 PBMD: 700.0ft
 Btm TMD: 3,250.0ft
 Spud Date/Time: 6/4/1984
 BH Coord X: 6,125,186.09usft
 BH Coord Y: 2,283,256.83usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
12.0ft, 12.0ft (TOC)			18" HOLE	12.0	32.0	12.0	32.0				
12.0ft, 12.0ft (TOC)			14.75" HOLE	32.0	317.0	32.0	316.9				
14.0ft, 14.0ft (TOC)			9.875" HOLE	317.0	3,000.0	316.9	2,999.1				
32.0ft, 32.0ft			7.875" HOLE	3,000.0	3,250.0	2,999.1	3,249.1				
309.0ft, 309.0ft			CONDUCTOR CASING Report Date: 5/30/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				16.0	32.0	16.0	32.0
			SURFACE CASING Report Date: 6/8/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	STC	12.0	309.0	12.0	309.0
			PRODUCTION CASING Report Date: 6/17/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00	STC	12.0	3,085.0	12.0	3084.1
			CASING JOINT(S)	7.000	K-55	23.00	STC	3,085.0	3,086.0	3084.1	3085.1
			CASING JOINT(S)	7.000	K-55	23.00	STC	3,086.0	3,128.0	3085.1	3127.1
700.0ft, 700.0ft			Date Type Remarks								
			PLUG BACK					Well: 26-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	12.0	55.0	12.0	55.0	Cond. Csg. Cmt Vol: 78cf			
			MUD	55.0	2,901.0	55.0	2900.2	Hole Size: 18"			
			PLUG BACK					Casing Size: 16"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
			CEMENT	700.0	1,000.0	700.0	1000.0	Rtns to Sfc: Yes (32 Bbls)			
			PLUG BACK					TOC: 12'			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 364 cf			
			CEMENT	2,597.0	2,851.0	2596.4	2850.2	Class 'G' Lead Cement: 215 cf			
			CEMENT	2,851.0	3,000.0	2850.2	2999.1	Yield: 1.3, Density: NA ppg.			
			CEMENT	3,000.0	3,248.0	2999.1	3247.1	Class 'G' Tail Cement: 150 cf			
								Yield: 1.3, Density: NA ppg.			
								Hole Size: 14.75"			
								Casing Size: 10.75"			
								Top Job: No			
								Rtns to Sfc: Yes (9 Bbls)			
								TTOC: 13'			
								Prod Csg. Cmt Vol: NA			
								Class " Lead Cement: NA			
								Yield: , Density: NA ppg.			
								Class " Tail Cement: NA			
								Yield: , Density: NA ppg.			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
								Screen/Slotted Liner Cmt Vol: NA			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
								Cavity Shot: None			
								Junk: None			
								Volume Behind Pipe:			
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
			Formation Name	MD(ft)		TVD(ft)		R. Aguilar			
			AMNICOLA	682.7		682.7		Date: 11/2022			
			SANJOAQUIN	1,249.8		1,249.7		P&A Mud & Cement Details			

								Mud Volume: 109 cf @ 2841'			
								88 cf @ 2597'			
								Mud Weight: NA			
								Top of Mud: NA			
								Cement: 169 cf @ 2852' - 3248'			
								265 cf @ 2597' - 2851'			
								Top of Cement: 318 cf @ 700' - 1000'			

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CALIFORNIA RESOURCES ELK HILLS, LLC

33NW-1B

Field Name: ELKHILLS
 Site Name: 01B
 End Status: ACTIVE
 Status date: 4/29/2016

Ground Level: 1,106.3ft
 Datum: Original KB @ 1,120.30ft (default)
 KB: 14.0ft
 API-10: 0403040999

Wellbore: ORIGINAL HOLE
 PBMD: 3,190.0ft
 Btm TMD: 3,237.0ft
 Spud Date: 6/22/2010 21:00
 BH Coord X: 6,125,128.87usft
 BH Coord Y: 2,285,433.17usft

Cement Depths - MD, TVD (ft)	Schematic (4/29/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC) 14.0ft, 14.0ft (TOC)			16" HOLE	14.0	54.0	14.0	54.0				
406.0ft, 406.0ft			14.5" HOLE	54.0	414.0	54.0	414.0				
			10.75" HOLE	414.0	3,237.0	414.0	3,174.2				
CONDUCTOR CASING Report Date: 6/14/2010 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000			14.0	54.0	14.0	54.0	
SURFACE CASING Report Date: 6/23/2010 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	358.1	14.0	358.1
			FLOAT COLLAR	10.750	J-55	40.50	STC	358.1	359.7	358.1	359.7
			CASING JOINT(S)	10.750	J-55	40.50	STC	359.7	404.9	359.7	404.9
			GUIDE SHOE	10.750	J-55	40.50	STC	404.9	406.0	404.9	406.0
PRODUCTION CASING Report Date: 6/25/2010 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,489.5	14.0	2453.1
			FLAG JOINT	7.000	K-55	23.00	LTC	2,489.5	2,509.4	2453.1	2472.2
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,509.4	2,665.7	2472.2	2622.6
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,665.7	3,188.7	2622.6	3127.5
			FLOAT COLLAR	7.000	K-55	23.00	LTC	3,188.7	3,190.3	3127.5	3129.0
			CASING JOINT(S)	7.000	K-55	23.00	LTC	3,190.3	3,230.8	3129.0	3168.3
			GUIDE SHOE	7.000	K-55	23.00	LTC	3,230.8	3,232.0	3168.3	3169.4
TUBING STRING								Well: 33NW-1B S/T/R: 1/31S/23E			
					TVD (top)		TVD (base)		CASING CEMENT DETAIL		
			TH-ROT	14.0	14.0	14.0	14.0	-----			
			FATNIP	14.0	14.7	14.0	14.7	Cond. Csg. Cmt Vol: Unknown			
			PUPJNT	14.7	34.9	14.7	34.9	Hole Size: 18"			
			CAS	34.9	3,067.8	34.9	3010.6	Casing Size: 16"			
			STNIP	3,067.8	3,069.0	3010.6	3011.7	Top Job: No			
			CAS	3,069.0	3,101.1	3011.7	3042.7	Rtns to Sfc: Yes			
			STCOLL	3,101.1	3,101.5	3042.7	3043.2	TOC: Surface			
PLUG BACK								-----			
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Surf. Csg. Cmt Vol: 532 cf			
			PLUGBK	3,190.0	3,237.0	3128.8	3174.2	Class 'C' Lead Cement: 281 cf			
ROD STRING								Yield: 2.18, Density: 12.4 ppg.			
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Class 'C' Tail Cement: 251 cf			
			POLROD	0.0	30.0	0.0	30.0	Yield: 1.71, Density: 13.5 ppg.			
			PNYROD	30.0	32.0	30.0	32.0	Hole Size: 14.5"			
			ROD	32.0	542.0	32.0	542.0	Casing Size: 10.75"			
			R-4PER	542.0	2,102.0	542.0	2080.1	Top Job: No			
			ROD	2,102.0	3,062.0	2080.1	3005.0	Rtns to Sfc: Yes (168 cf)			
			RSTBAR	3,062.0	3,065.0	3005.0	3007.9	TOC: Surface			
			NSFMP	3,065.0	3,081.0	3007.9	3023.4	-----			
									Prod. Csg. Cmt Vol: 1275 cf		
									Class 'C' Lead Cement: 1052 cf		
									Yield: 2.63, Density: 11.8 ppg.		
									Class 'C' Tail Cement: 223 cf		
									Yield: 1.47, Density: 13.5 ppg.		
									Hole Size: 10.75"		
									Casing Size: 7"		
									Top Job: No		
									Rtns to Sfc: Yes (168 cf)		
									ETOC: 14'		

									Screen/Slotted Liner Cmt Vol: NA		
									Hole Size: NA		
									Casing Size: NA		
									Top Job: NA		
									Rtns to Sfc: NA		
									ETOC: NA		

									Cavity Shot: None		
									Junk: None		

									Volume Behind Pipe:		
									Theoretical Calculations (ETOC)		

									Arturo Valencia		
									Date: 03/2022		

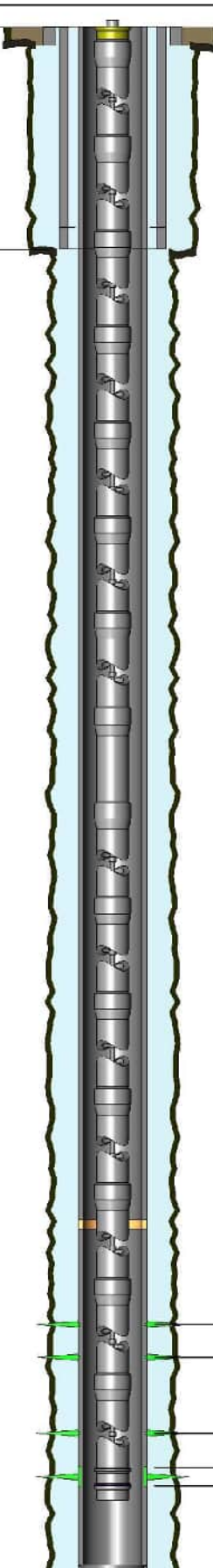
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/18/2017

45-1B

Ground Level: 1,048.5ft
 Datum: Original KB @ 1,062.50ft (default)
 KB: 14.0ft
 API-10: 0403041562

Wellbore: ORIGINAL HOLE
 PBMD: 3,290.0ft
 Btm TMD: 3,336.0ft
 Spud Date/Time: 11/5/2010
 BH Coord X: 6,126,332.14usft
 BH Coord Y: 2,283,919.51usft

Cement Depths - MD, TVD (ft)	Schematic (9/18/2017)	Openings Top/Btm/Type/Status
14.0ft, 14.0ft (TOC) 14.0ft, 14.0ft (TOC)		
488.0ft, 488.0ft		
3333.0ft, 3332.8ft		

Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
20"HOLE	14.0	54.0	14.0	54.0
14.75"HOLE	54.0	494.0	54.0	494.0
10.75"HOLE	494.0	3,336.0	494.0	3,335.8

CONDUCTOR CASING Report Date: 10/29/2010 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	14.000				14.0	54.0	14.0	54.0

SURFACE CASING Report Date: 11/5/2010 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	440.1	14.0	440.1
FLOAT COLLAR	10.750	J-55	40.50	STC	440.1	441.8	440.1	441.8
CASING JOINT(S)	10.750	J-55	40.50	STC	441.8	486.9	441.8	486.9
GUIDE SHOE	10.750	J-55	40.50	STC	486.9	488.0	486.9	488.0

PRODUCTION CASING Report Date: 11/8/2010 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,554.3	14.0	2554.1
FLAG JOINT	7.000	K-55	23.00	LTC	2,554.3	2,575.3	2554.1	2575.1
CASING JOINT(S)	7.000	K-55	23.00	LTC	2,575.3	3,290.5	2575.1	3290.2
FLOAT COLLAR	7.000	K-55	23.00	LTC	3,290.5	3,291.9	3290.2	3291.6
CASING JOINT(S)	7.000	K-55	23.00	LTC	3,291.9	3,331.2	3291.6	3331.0
FLOAT SHOE	7.000	K-55	23.00	LTC	3,331.2	3,333.0	3331.0	3332.8

TUBING STRING				Well: 45-1B	S/T/R: 1/31S/23E
Component	Top MD	Btm MD	Top TVD BTM TVD	CASING CEMENT DETAIL	
TH-ROT	14.0	14.0	14.0 14.0	-----	
FATNIP	14.0	14.7	14.0 14.7	Cond. Csg. Cmt Vol: Unknown	
PUPJNT	14.7	41.1	14.7 41.1	Hole Size: 20"	
CAS	41.1	3,083.0	41.1 3082.7	Casing Size: 16"	
STNIP	3,083.0	3,084.1	3082.7 3083.8	Top Job: No	
CAS	3,084.1	3,116.5	3083.8 3116.3	Rtns to Sfc: Unknown	
DESAND	3,116.5	3,119.5	3116.3 3119.3	TOC: 14'	
CAS	3,119.5	3,152.0	3119.3 3151.7	-----	
PLUG BACK				Surface. Csg. Cmt Vol: 517 cf	
Component	Top MD(ft)	Btm MD(ft)	Top TVD BTM TVD	Class 'C' Lead Cement: 348 cf	
CEMENT	3,290.0	3,333.0	3289.8 3332.8	Yield 2.18 , Density: 12.4 ppg.	
CEMENT	3,333.0	3,336.0	3332.8 3335.8	Class C Tail Cement: 169 cf	
ROD STRING				Yield: 1.71 , Density: 13.5 ppg.	
Component	Top MD(ft)	Btm MD(ft)	Top TVD BTM TVD	Hole Size: 14.75"	
POLROD	0.0	30.0	0.0 30.0	Casing Size: 10.75"	
PNYROD	30.0	46.0	30.0 46.0	Top Job: No	
ROD	46.0	3,046.0	46.0 3045.8	Rtns to Sfc: Yes (49 Bbls)	
SHRCPL	3,046.0	3,047.0	3045.8 3046.8	TOC: 14'	
ROD	3,047.0	3,077.0	3046.8 3076.8	-----	
STB3P	3,077.0	3,081.0	3076.8 3080.8	Prod. Csg. Cmt Vol: 1334 cf	
NSPMP	3,081.0	3,097.0	3080.8 3096.8	Class 'C' Lead Cement: 1020 cf	
				Yield: 2.63, Density: 11.8 ppg.	
				Class 'C' Tail Cement: 314 cf	
				Yield: 1.46, Density: 13.5 ppg.	
				Hole Size: 10.75"	
				Casing Size: 7"	
				Top Job: No	
				Rtns to Sfc: Yes (82 Bbls)	
				ETOC: 14'	

				Screen/Slotted Liner Cmt Vol: NA cf	
				Hole Size: NA	
				Casing Size: NA	
				Top Job: NA	
				Rtns to Sfc: NA	
				TTOC: NA	

				Cavity Shot: None	
				Junk: None	

				Volume Behind Pipe:	
				Assumed Yield: 1.15	
				Theoretical Calculations (TTOC)	

				R. Aguilar	
				Date: 11/2022	

Formation Name	MD(ft)	TVD(ft)
AMNICOLA	550.0	550.0
AMNICOLA BASE	606.7	606.7
SAN JOAQUIN	1,153.7	1,153.7

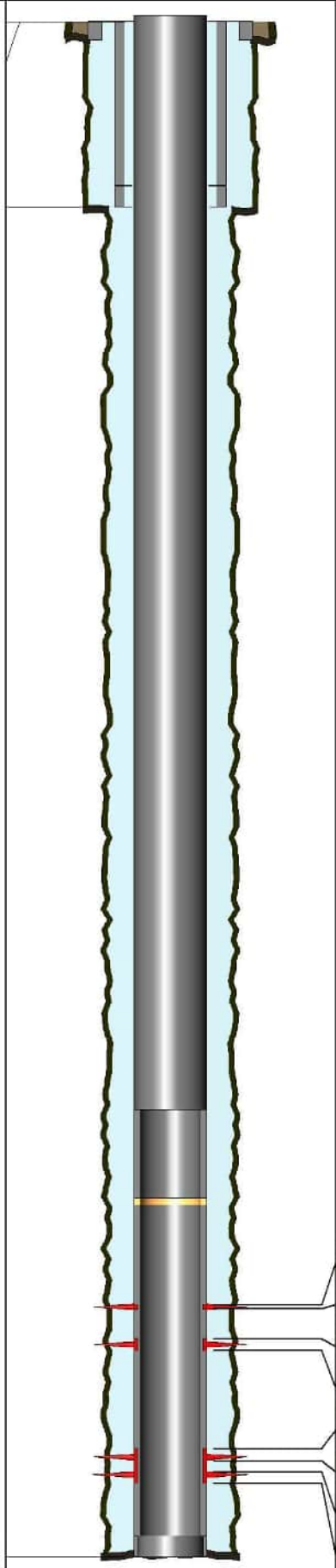
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Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 10/5/2022

Ground Level: 1,136.7ft
Datum: Original DF @ 1,150.70ft (default)
KB: 14.0ft
API-10: 0403042510

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 2/20/2011
BH Coord X: 6,125,095.60usft
BH Coord Y: 2,284,634.56usft

24-1B

Cement Depths - MD, TVD (ft)	Schematic (10/5/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			18" HOLE	14.0	54.0	14.0	54.0				
14.0ft, 14.0ft (TOC)			14.5" HOLE	54.0	424.0	54.0	424.0				
			10.75" HOLE	424.0	3,357.0	424.0	3,337.8				
			CONDUCTOR CASING Report Date: 2/15/2011 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				14.0	54.0	14.0	54.0
			SURFACE CASING Report Date: 2/20/2011 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	J55	40.50	STC	14.0	370.1	14.0	370.1
			Float Collar	10.750	J55	40.50	STC	370.1	371.8	370.1	371.8
			CASING JOINT(S)	10.750	J55	40.50	STC	371.8	416.9	371.8	416.9
			GUIDE SHOE	10.750	J55	40.50	STC	416.9	418.0	416.9	418.0
			PRODUCTION CASING Report Date: 2/23/2011 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,575.9	14.0	2562.2
			FLAG JOINT	7.000	K-55	23.00	LTC	2,575.9	2,590.0	2562.2	2576.2
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,590.0	3,311.2	2576.2	3292.3
			Float Collar	7.000	K-55	23.00	LTC	3,311.2	3,312.6	3292.3	3293.7
			CASING JOINT(S)	7.000	K-55	23.00	LTC	3,312.6	3,355.3	3293.7	3336.1
			Float Shoe	7.000	K-55	23.00	LTC	3,355.3	3,357.0	3336.1	3337.8
418.0ft, 418.0ft			Date: 11/5/2013 Type: Pump Design Remarks: Review for down-size nextpul. SBC								
			PLUG BACK				Well: 24-1B S/T/R: 1/31S/23E				
		Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL				
		CEMENT	1.0	2,383.0	1.0	2370.8	Cond. Csg. Cmt Vol: Unknown				
			PLUG BACK				Hole Size: 18"				
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 18"				
		CEMENT	3,311.0	3,357.0	3292.1	3337.8	Top Job: No				
							Rtns to Sfc: Unknown				
							TOC: Unknown				
							Surface Csg. Cmt Vol: 443 cf				
							Class 'C' Lead Cement: 202 cf				
							Yield: 1.15, Density: 12.4 ppg.				
							Class 'C' Tail Cement: 241 cf				
							Yield: 1.15, Density: 13.5 ppg.				
							Hole Size: 14.75"				
							Casing Size: 10.75"				
							Top Job: No				
							Rtns to Sfc: Yes (15 Bbls)				
							TTOC: 14'				
							Prod Csg. Cmt Vol: 1354 cf				
							Class 'C' Lead Cement: 1042 cf				
							Yield: 1.15 Density: 11.8 ppg.				
							Class 'C' Tail Cement: 312 cf				
							Yield: 1.15, Density: 13.5 ppg.				
							Hole Size: 10.75"				
							Casing Size: 7"				
							Top Job: No				
							Rtns to Sfc: Yes (80 Bbls)				
							TTOC: 14'				
							Screen/Slotted Liner Cmt Vol: NA				
							Hole Size: NA				
							Casing Size: NA				
							Top Job: NA				
							Rtns to Sfc: NA				
							TTOC: NA				
							Cavity Shot: None				
							Junk: None				
							Volume Behind Pipe:				
							Assumed Yield: 1.15				
							Theoretical Calculations (TTOC)				
							R. Aguilar				
							Date: 11/2022				
							P&A Mud & Cement Details				

							Mud Volume: NA				
							Mud Weight: NA				
							Top of Mud: NA				
							Cement: 203 cf "G" @ 2383' - 3300'				
							377 cf "G" @ 880" - 2523'				
							Top of Cement: 225 cf "G" @ 0' - 880'				
3357.0ft, 3337.8ft		2,807.0ft, 2,809.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED 2,815.0ft, 2,818.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED 2,881.0ft, 2,884.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED 2,905.0ft, 2,908.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED 3,120.0ft, 3,122.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED 3,147.0ft, 3,149.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED 3,170.0ft, 3,172.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED 3,195.0ft, 3,197.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED	Formation Name	MD(ft)	TVD(ft)						
			AMNICOLA	624.0	623.9						
			LOWER_TULARE	676.7	676.5						
			SANJOAQUIN	1,218.9	1,214.9						

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CALIFORNIA RESOURCES ELK HILLS, LLC

43SW-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/16/2017

Ground Level: 1,074.2ft
 Datum: Original DF @ 1,088.20ft (default)
 KB: 14.0ft
 API-10: 0403042511

Wellbore: ORIGINAL HOLE
 PBMD: 3,270.0ft
 Btm TMD: 3,322.0ft
 Spud Date: 2/16/2011 17:00
 BH Coord X: 6,126,165.10usft
 BH Coord Y: 2,284,838.17usft

Cement Depths - MD, TVD (ft)	Schematic (11/16/2017)	Openings Top/Btm/Type/Status	Hole							Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
14.0ft, 14.0ft (TOC)			18" Hole	14.0	54.0	14.0	54.0						
14.0ft, 14.0ft (TOC)			14.5" HOLE	54.0	412.0	54.0	412.0						
406.0ft, 406.0ft			10.75" HOLE	412.0	3,322.0	412.0	3,296.4						
			CONDUCTOR CASING Report Date: 2/14/2011 00:00										
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			CASING JOINT(S)	16.000				14.0	54.0	14.0	54.0		
			SURFACE CASING Report Date: 2/17/2011 00:00										
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	358.0	14.0	358.0		
			FLOAT COLLAR	10.750	J-55	40.50	STC	358.0	359.7	358.0	359.7		
			CASING JOINT(S)	10.750	J-55	40.50	STC	359.7	404.8	359.7	404.8		
			GUIDE SHOE	10.750	J-55	40.50	STC	404.8	406.0	404.8	406.0		
			PRODUCTION CASING Report Date: 2/19/2011 00:00										
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			CASING JOINT(S)	7.000	J-55	23.00	LTC	14.0	2,542.7	14.0	2523.8		
			FLAG JOINT	7.000	J55	23.00	LTC	2,542.7	2,556.8	2523.8	2537.7		
			CASING JOINT(S)	7.000	J-55	23.00	LTC	2,556.8	3,274.2	2537.7	3249.0		
			FLOAT COLLAR	7.000	J55	23.00	LTC	3,274.2	3,275.6	3249.0	3250.4		
			CASING JOINT(S)	7.000	J-55	23.00	LTC	3,275.6	3,318.3	3250.4	3292.7		
			FLOAT SHOE	7.000	J55	23.00	LTC	3,318.3	3,320.0	3292.7	3294.4		
		TUBING STRING											
								TVD (top)	TVD (base)	Well: 43SW-1B S/T/R: 1/31S/23E			
		TH-ROT	14.0	14.0	14.0	14.0	CASING CEMENT DETAIL						
		TBGJNT	14.0	3,111.5	14.0	3087.7	Cond. Csg. Cmt Vol: Unknown						
		XO	3,111.5	3,112.0	3087.7	3088.1	Hole Size: 18"						
		STNIP	3,112.0	3,112.6	3088.1	3088.8	Casing Size: 16"						
		TBGJNT	3,112.6	3,145.0	3088.8	3120.8	Top Job: No						
		DESAND	3,145.0	3,147.9	3120.8	3123.8	Rtns to Sfc: Yes						
		TBGJNT	3,147.9	3,180.2	3123.8	3155.8	TOC: Surface						
		PLUG BACK											
		Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Surf. Csg. Cmt Vol: 437 cf						
		CEMENT	3,270.0	3,320.0	3244.8	3294.4	Class 'C' Lead Cement: 196 cf						
		CEMENT	3,320.0	3,322.0	3294.4	3296.4	Yield 2.18, Density: 12.4 ppg.						
		ROD STRING											
		Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Class 'C' Tail Cement: 241 cf						
		POLROD	0.0	30.0	0.0	30.0	Yield: 1.71, Density: 13.5 ppg.						
		PNYROD	30.0	40.0	30.0	40.0	Hole Size: 14.5"						
		ROD	40.0	3,100.0	40.0	3076.3	Casing Size: 10.75"						
		STB3P	3,100.0	3,104.0	3076.3	3080.2	Top Job: No						
		INSPMP	3,104.0	3,122.0	3080.2	3098.1	Rtns to Sfc: Yes (123 cf)						
		TOC: Surface											
		Prod. Csg. Cmt Vol: 1358 cf											
		Class 'C' Lead Cement: 1010 cf											
		Yield: 2.63, Density: 11.8 ppg.											
		Class 'C' Tail Cement: 348 cf											
		Yield: 1.47, Density: 13.5 ppg.											
		Hole Size: 10.75"											
		Casing Size: 7"											
		Top Job: No											
		Rtns to Sfc: Yes (297 cf)											
		ETOC: 14'											
		Screen/Slotted Liner Cmt Vol: NA											
		Hole Size: NA											
		Casing Size: NA											
		Top Job: NA											
		Rtns to Sfc: NA											
		TOC: NA											
		Formation Name: MD:(ft) TVD:(ft)											
		AMNICOLA	520.7	520.7	Cavity Shot: None								
		LOWER_TULARE	582.5	582.5	Junk: None								
		SAN JOAQUIN	1,117.4	1,114.3	Volume Behind Pipe:								
		Theoretical Calculations (ETOC)											
		A Valencia											
		Date: 04/2022											

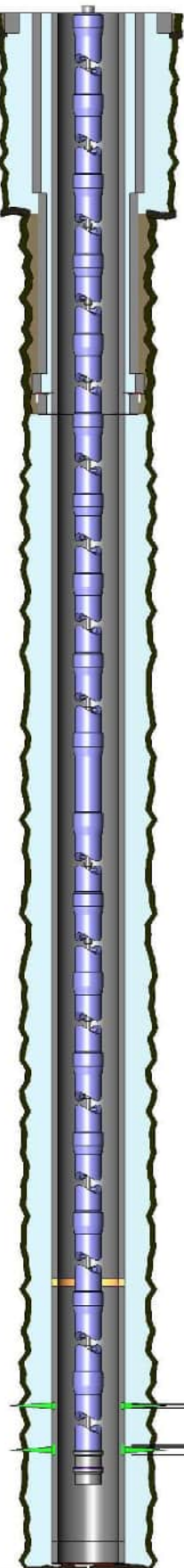
CALIFORNIA RESOURCES ELK HILLS, LLC

53SW-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/30/2022

Ground Level: 1,097.2ft
 Datum: Original DF @ 1,111.20ft (default)
 KB: 14.0ft
 API-10: 0403046157

Wellbore: ORIGINAL HOLE
 PBMD: 3,016.0ft
 Btm TMD: 3,074.0ft
 Spud Date: 9/9/2012 18:30
 BH Coord X: 6,126,614.73usft
 BH Coord Y: 2,284,709.50usft

Cement Depths - MD, TVD (ft)	Schematic (11/30/2022)	Openings Top/Btm/Type/Status										
14.0ft, 14.0ft (TOC)			Hole		Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
408.0ft, 408.0ft			16" Hole	14.0	54.0	14.0	54.0					
			14.75" Hole	54.0	408.0	54.0	408.0					
			10.5" Hole	408.0	3,074.0	408.0	3,063.2					
			CONDUCTOR CASING					Report Date: 9/8/2012 00:00				
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000				14.0	54.0	14.0	54.0	
			SURFACE CASING					Report Date: 9/10/2012 00:00				
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	10.750	K-55	40.50	BTC	14.0	367.9	14.0	367.9	
			CASING JOINT(S)	9.625	J-55	36.00	BTC	367.9	722.2	367.9	722.1	
			CASING JOINT(S)	10.750	K-55	40.50	BTC	722.2	759.7	722.1	759.6	
			FLOAT COLLAR	9.625	J-55	36.00	BTC	759.7	761.2	759.6	761.0	
			FLOAT COLLAR	10.750	K-55	40.50	BTC	761.2	762.6	761.0	762.5	
			CASING JOINT(S)	9.625	J-55	36.00	BTC	762.6	800.2	762.5	800.0	
			FLOAT SHOE	10.750	K-55	40.50	BTC	800.2	801.2	800.0	801.0	
			GUIDE SHOE	9.625	J-55	36.00	BTC	801.2	802.3	801.0	802.0	
			PRODUCTION CASING					Report Date: 9/13/2012 00:00				
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	J-55	23.00	BTC	14.0	2,498.8	14.0	2490.5	
	FLAG JOINT	7.000	J-55	23.00	BTC	2,498.8	2,515.7	2490.5	2507.4			
	CASING JOINT(S)	7.000	J-55	23.00	BTC	2,515.7	3,016.5	2507.4	3005.9			
	FLOAT COLLAR	7.000	J-55	23.00	BTC	3,016.5	3,017.6	3005.9	3007.1			
	CASING JOINT(S)	7.000	J-55	23.00	BTC	3,017.6	3,059.5	3007.1	3048.7			
	FLOAT SHOE	7.000	J-55	23.00	BTC	3,059.5	3,061.0	3048.7	3050.2			
	TUBING STRING					Well: 53SW-1B S/T/R: 1/30S/23E						
								CASING CEMENT DETAIL				

								Cond. Csg. Cmt Vol: Unknown				
								Hole Size: 18"				
								Casing Size: 16"				
								Top Job: No				
								Rtns to Sfc: Yes				
								TOC: Surface				

								Surf. Csg. Cmt Vol: 463 cf				
								Class 'C' Lead Cement: 200 cf				
								Yield 2.18, Density: 12.4 ppg.				
								Class 'C' Tail Cement: 263 cf				
								Yield: 1.71, Density: 13.5 ppg.				
								Hole Size: 14.75"				
								Casing Size: 10.75"				
								Top Job: No				
								Rtns to Sfc: Yes (18 Bbls)				
								TTOC: 14'				

								Prod. Csg. Cmt Vol: 1474 cf				
								Class 'C' Lead Cement: 1209 cf				
								Yield: 2.64, Density: 11.8 ppg.				
								Class 'C' Tail Cement: 265 cf				
								Yield: 1.5, Density: 13.5 ppg.				
								Hole Size: 10.5"				
								Casing Size: 7"				
								Top Job: No				
								Rtns to Sfc: Yes (60 Bbls)				
								TTOC: 14'				

								Screen/Slotted Liner Cmt Vol: NA				
								Hole Size: NA				
								Casing Size: NA				
								Top Job: NA				
								Rtns to Sfc: NA				
								TOC: NA				

								Cavity Shot: None				
								Junk: None				

								Volume Behind Pipe:				
								Theoretical Calculations (ETOC)				

								A Valencia				
								Date: 04/2022				

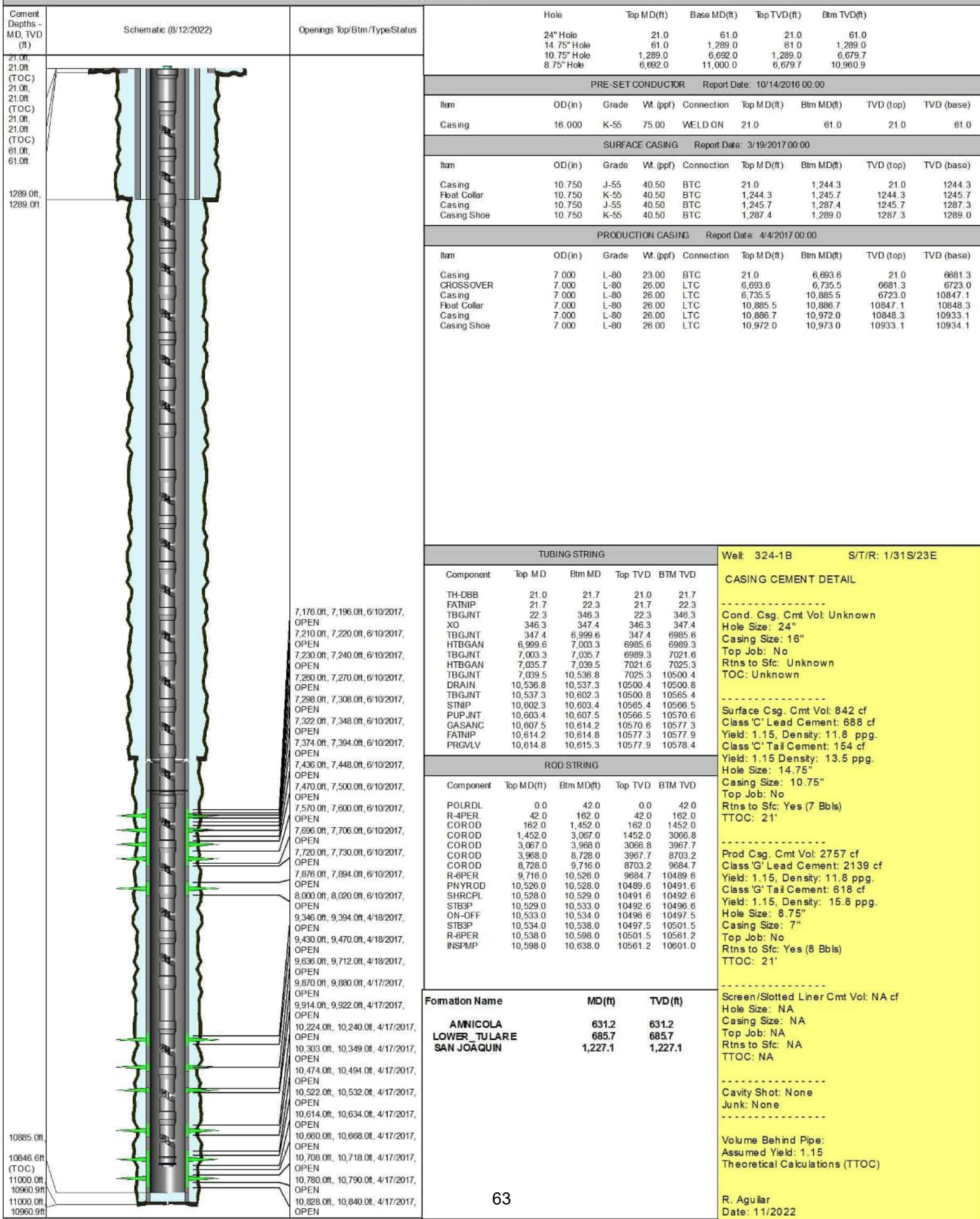
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 8/12/2022

324-1B

Ground Level: 1,124.8ft
Datum: Original DF @ 1,145.79ft (Kenai 17 KB 21)(default)
KB: 21.0ft
API-10: 0403056697

Wellbore: ORIGINAL HOLE
PBMD: 10,885.0ft
Btm TMD: 11,000.0ft
Spud Date/Time: 3/18/2017
BH Coord X: 6,125,376.57usft
BH Coord Y: 2,284,610.39usft

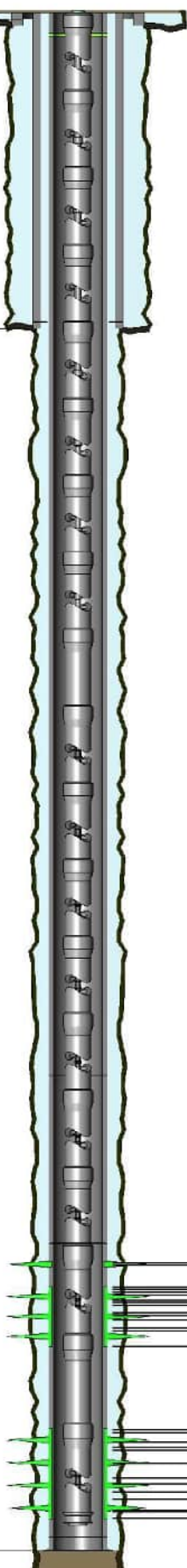
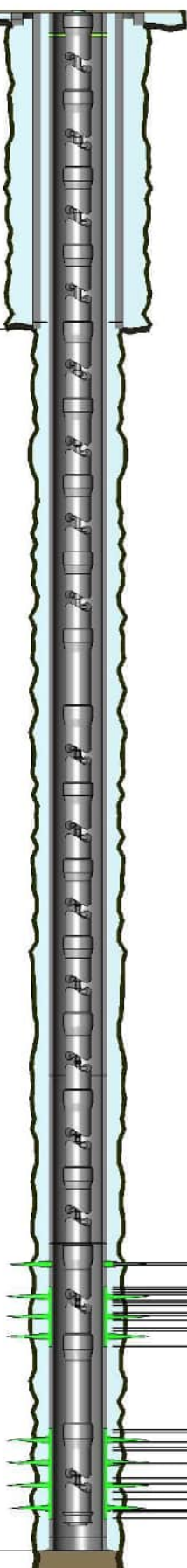


Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 11/18/2022

318-1B

Ground Level: 1,071.6ft
Datum: Original DF @ 1,085.61ft (Ensign 540 - 14' KB)(default)
KB: 14.0ft
API-10: 0403066463

Wellbore: ORIGINAL HOLE
PBMD: 9,601.0ft
Btm TMD: 9,867.0ft
Spud Date/Time: 3/3/2020
BH Coord X: 6,124,379.83usft
BH Coord Y: 2,281,406.20usft

Cement Depths - MD, TVD (ft)	Schematic (11/18/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 54.0ft 54.0ft (TOC) 94.0ft 94.0ft			24" Hole	0.0	94.0		94.0			
2001.0ft 2000.7ft			14.75" Hole	94.0	2,001.0	94.0	2,000.7			
			8.75" Hole	2,001.0	10,019.0	2,000.7	9,678.4			
PRE-SET CONDUCTOR Report Date: 2/4/2020 00:00										
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0		
SURFACE CASING Report Date: 3/3/2020 00:00										
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
Casing	10.750	K-55	40.50	BTC	14.0	1,956.8	14.0	1956.5		
FLOAT COLLAR	10.750	K-55	40.50	BTC	1,956.8	1,956.8	1956.5	1958.1		
Casing	10.750	K-55	40.50	BTC	1,956.8	1,999.2	1958.1	1998.9		
FLOAT SHOE	10.750	K-55	40.50	BTC	1,999.2	2,001.0	1998.9	2000.7		
PRODUCTION CASING Report Date: 3/15/2020 00:00										
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
Casing	7.000	N-80	26.00	GEO CONN	14.0	140.1	14.0	140.1		
Pup Joint	7.000	HC P-11026.00		GEO CONN	140.1	160.1	140.1	160.1		
Casing	7.000	N-80	26.00	GEO CONN	160.1	6,694.9	160.1	6490.2		
Casing	7.000	HC P-11026.00		GEO CONN	6,694.9	9,601.0	6490.2	9279.7		
FLOAT COLLAR	7.000	HC P-11026.00		GEO CONN	9,601.0	9,602.3	9279.7	9280.9		
Casing	7.000	HC P-11026.00		GEO CONN	9,602.3	9,682.4	9280.9	9357.4		
FLOAT COLLAR	7.000	HC P-11026.00		GEO CONN	9,682.4	9,683.7	9357.4	9358.5		
DRILL-IN SHOE	8.500	HC P-11026.00		GEO CONN	9,683.7	9,686.0	9358.5	9360.8		
TUBING STRING										
Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 318-1B S/T/R: 1/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 24" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 14'					
TH-DBB	14.0	14.7	14.0	14.7						
FATNIP	14.7	15.3	14.7	15.3						
TBGJNT	15.3	7,750.6	15.3	7470.9						
AC	7,750.6	7,754.1	7470.9	7474.2						
TBGJNT	7,754.1	9,442.9	7474.2	9128.7						
DRAIN	9,442.9	9,443.4	9128.7	9129.2						
TBGJNT	9,443.4	9,508.3	9129.2	9191.2						
STNIP	9,508.3	9,509.4	9191.2	9192.3						
PUPJNT	9,509.4	9,513.6	9192.3	9196.3						
STCOLL	9,513.6	9,514.1	9196.3	9196.7	Surface Csg. Cmt Vol: 1597 cf Class 'C' Lead Cement: 1347 cf Yield: 2.17, Density: 12.4 ppg. Class 'C' Tail Cement: 250 cf Yield: 1.71 Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (20 Bbls) TTOC: 14'					
ROD STRING										
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD						
POLRDL	0.0	42.0	0.0	42.0						
PNYROD	42.0	64.0	42.0	64.0						
R-4PER	64.0	2,704.0	64.0	2703.6						
R-6PER	2,704.0	4,354.0	2703.6	4349.9						
COROD	4,354.0	5,537.0	4349.9	5454.8						
COROD	5,537.0	7,038.0	5454.8	6801.9						
COROD	7,038.0	9,480.0	6801.9	9164.2						
PNYROD	9,480.0	9,482.0	9164.2	9166.1	Prod Csg. Cmt Vol: 2480 cf Class 'C' Lead Cement: 1619 cf Yield: 1.92, Density: 12.4 ppg. Class 'C' Tail Cement: 861 cf Yield: 1.86, Density: 13.5 ppg. Hole Size: 8.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (37 Bbls) TTOC: 14'					
SHRCPL	9,482.0	9,483.0	9166.1	9167.0						
STB3P	9,483.0	9,487.0	9167.0	9170.9						
ON-OFF	9,487.0	9,488.0	9170.9	9171.8						
STB3P	9,488.0	9,492.0	9171.8	9175.6						
INSPMP	9,492.0	9,526.0	9175.6	9208.1						
Formation Name					Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA Cavity Shot: None Junk: None Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)					
AMNICOLA LOWER_TULARE SANJOAQUIN	628.6	628.5								
	692.2	692.1								
	1,265.2	1,265.0								
9,004.0ft, 9,007.0ft, 4/3/2020, OPEN										
9,030.0ft, 9,044.0ft, 4/3/2020, OPEN										
9,044.0ft, 9,064.0ft, 4/3/2020, OPEN										
9,132.0ft, 9,138.0ft, 4/3/2020, OPEN										
9,227.0ft, 9,232.0ft, 4/3/2020, OPEN										
9,262.0ft, 9,275.0ft, 4/3/2020, OPEN										
9,309.0ft, 9,322.0ft, 4/3/2020, OPEN										
9,354.0ft, 9,372.0ft, 4/3/2020, OPEN										
9,424.0ft, 9,440.0ft, 4/3/2020, OPEN										
9,440.0ft, 9,460.0ft, 4/3/2020, OPEN										
9,475.0ft, 9,490.0ft, 4/3/2020, OPEN										
9,686.0ft, 9,360.7ft					R. Aguilar Date: 11/2022					

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/4/2022

326-1B

Ground Level: 1,071.6ft
 Datum: Original DF @ 1,085.63ft (Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066464

Wellbore: ORIGINAL HOLE
 PBMD: 9,594.0ft
 Btm TMD: 9,692.0ft
 Spud Date/Time: 2/20/2020
 BH Coord X: 6,124,860.05usft
 BH Coord Y: 2,283,276.18usft

Cement Depths - MD, TVD (ft)	Schematic (5/4/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)		
14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 94.0ft 94.0ft			24" Hole	0.0	94.0	0.0	94.0		
2025.0ft, 2024.9ft		14.75" Hole	94.0	2,025.0	94.0	2,024.9			
		8.75" Hole	2,025.0	9,692.0	2,024.9	9,664.8			
PRE-SET CONDUCTOR Report Date: 2/4/2020 00:00									
Item		OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing		16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0
SURFACE CASING Report Date: 2/21/2020 00:00									
Item		OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing		10.750	K-55	40.50	BTC	14.0	1,980.4	14.0	1980.3
FLOAT COLLAR		10.750	K-55	40.50	BTC	1,980.4	1,982.0	1980.3	1981.9
Casing		10.750	K-55	40.50	BTC	1,982.0	2,023.1	1981.9	2023.0
FLOAT SHOE		10.750	K-55	40.50	BTC	2,023.1	2,025.0	2023.0	2024.9
PRODUCTION CASING Report Date: 3/1/2020 00:00									
Item		OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing		7.000	N-80	26.00	BTC	14.0	9,594.9	14.0	9569.0
FLOAT COLLAR		7.000	N-80	26.00	BTC	9,594.9	9,596.2	9569.0	9570.3
Casing		7.000	N-80	26.00	BTC	9,596.2	9,678.4	9570.3	9651.3
FLOAT SHOE		7.000	N-80	26.00	BTC	9,678.4	9,680.0	9651.3	9652.9
TUBING STRING						Well: 326-1B S/T/R: 1/31S/23E			
Component		Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
TH-DBB	14.0	14.7	14.0	14.7	-----				
FATNIP	14.7	15.4	14.7	15.3	Cond. Csg. Cmt Vol: Unknown				
PUPJNT	15.4	33.7	15.3	33.7	Hole Size: 24"				
TBGJNT	33.7	7,149.0	33.7	7137.1	Casing Size: 16"				
HTBGJNT	7,149.0	7,152.1	7137.1	7140.2	Top Job: No				
TBGJNT	7,152.1	9,336.2	7140.2	9313.3	Rtns to Sfc: Unknown				
DRAIN	9,336.2	9,336.7	9313.3	9313.7	TOC: 14'				
TBGJNT	9,336.7	9,398.2	9313.7	9374.7	-----				
STNIP	9,398.2	9,399.3	9374.7	9375.8	Surface Csg. Cmt Vol: 1673 cf				
PUPJNT	9,399.3	9,401.4	9375.8	9377.9	Class 'C' Lead Cement: 1347 cf				
ROD STRING					Yield: 2.17, Density: 12.4 ppg.				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Tail Cement: 326 cf				
POLRDL	0.0	42.0	0.0	42.0	Yield: 1.71 Density: 13.5 ppg.				
PNYROD	42.0	60.0	42.0	60.0	Hole Size: 14.75"				
ROD	60.0	150.0	60.0	150.0	Casing Size: 10.75"				
COROD	150.0	1,300.0	150.0	1299.9	Top Job: No				
COROD	1,300.0	3,280.0	1299.9	3279.8	Rtns to Sfc: Yes (30 Bbls)				
COROD	3,280.0	5,660.0	3279.8	5657.2	TTOC: 14'				
COROD	5,660.0	9,360.0	5657.2	9336.9	-----				
PNYROD	9,360.0	9,362.0	9336.9	9338.8	Prod Csg. Cmt Vol: 2121 cf				
SHRCPL	9,362.0	9,363.0	9338.8	9339.8	Class 'C' Lead Cement: 1443 cf				
STB3P	9,363.0	9,367.0	9339.8	9343.8	Yield: 2.2, Density: 11.8 ppg.				
ON-OFF	9,367.0	9,368.0	9343.8	9344.8	Class 'C' Tail Cement: 678 cf				
STB3P	9,368.0	9,372.0	9344.8	9348.7	Yield: 1.86 Density: 13.5 ppg.				
INSPMP	9,372.0	9,412.0	9348.7	9388.4	Hole Size: 9.875"				
Formation Name					Casing Size: 7"				
AMNICOLA	620.0	619.9			Top Job: No				
LOWER_TULARE	683.0	682.9			Rtns to Sfc: Yes (1 Bbls)				
SANJOAQUIN	1,252.8	1,252.7			TTOC: 14'				
Screen/Slotted Liner Cmt Vol: NA cf					-----				
Hole Size: NA					Cavity Shot: None				
Casing Size: NA					Junk: None				
Top Job: NA					-----				
Rtns to Sfc: NA					Volume Behind Pipe:				
TTOC: NA					Assumed Yield: 1.15				
					Theoretical Calculations (TTOC)				
					R. Aguilar				
					Date: 11/2022				

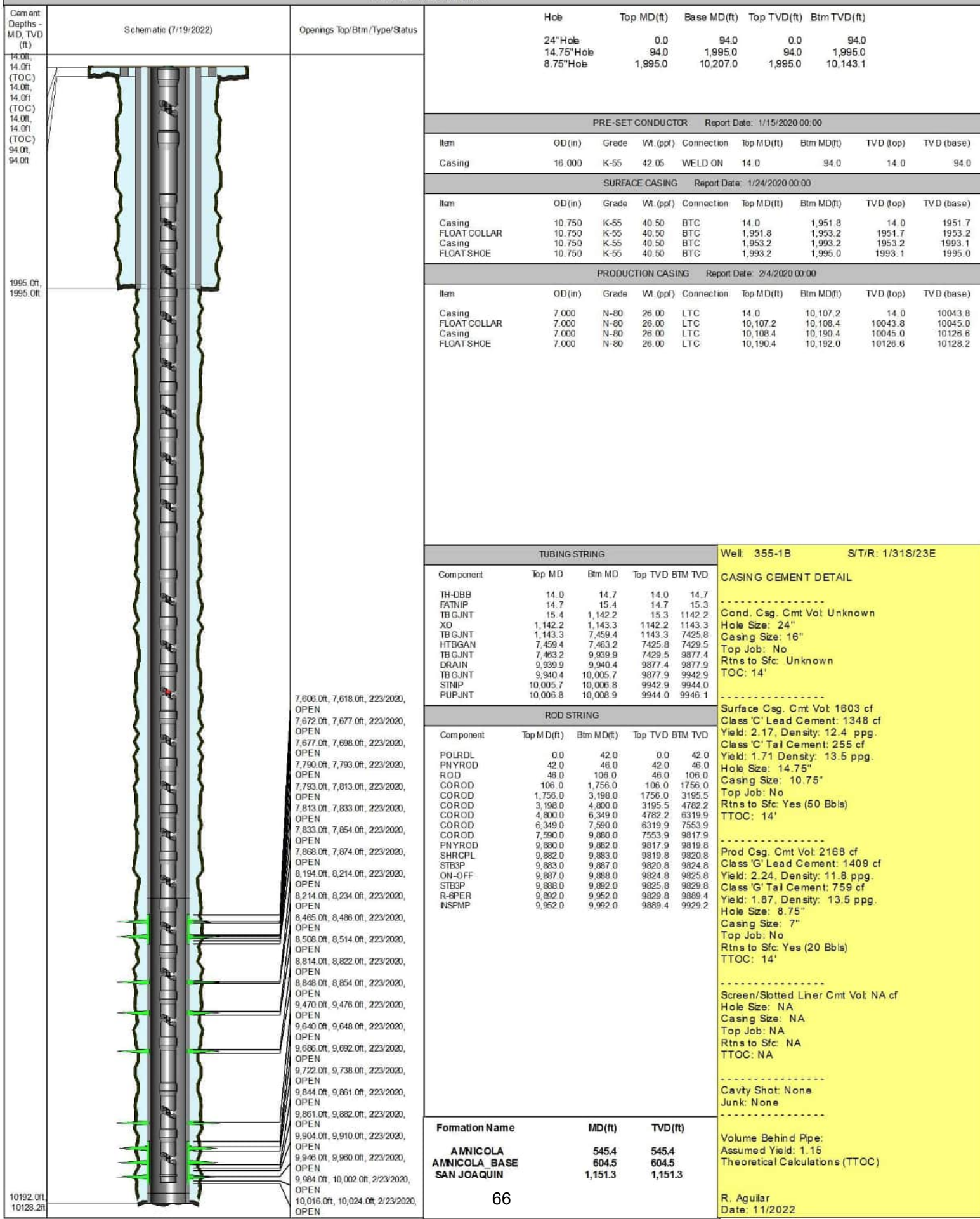
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 7/19/2022

355-1B

Ground Level: 1,048.4ft
 Datum: Original DF @ 1,062.43ft(Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066758

Wellbore: ORIGINAL HOLE
 PBMD: 10,098.0ft
 Btm TMD: 10,207.0ft
 Spud Date/Time: 1/23/2020
 BH Coord X: 6,127,272.64usft
 BH Coord Y: 2,283,710.91usft

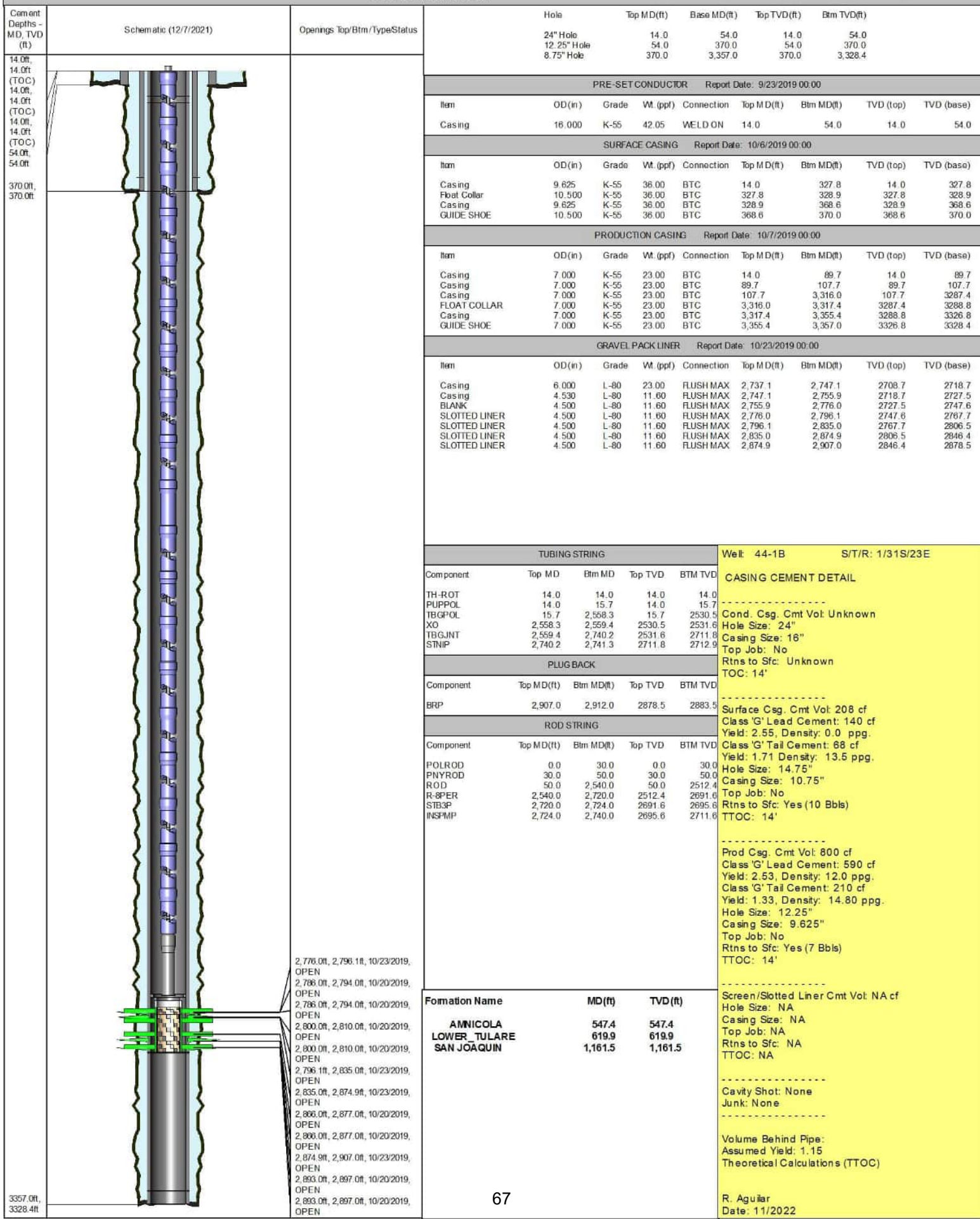


Field Name: ELK HILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 12/7/2021

44-1B

Ground Level: 1,097.4ft
Datum: Original DF @ 1,111.36ft (ENSGN 533 - KB = 14')(default)
KB: 14.0ft
API-10: 0403066781

Wellbore: ORIGINAL HOLE
PBMD: 2,907.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 10/5/2019
BH Coord X: 6,126,151.51usft
BH Coord Y: 2,284,475.10usft



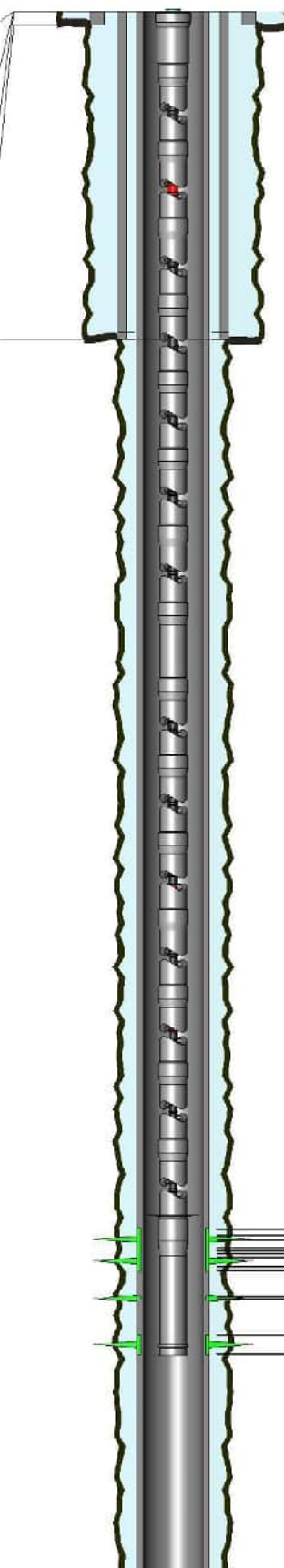
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Start date: 1/27/2022

317-1B

Ground Level: 1,054.5ft
 Datum: Original DF @ 1,068.52ft (Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066881

Wellbore: ORIGINAL HOLE
 PBMD: 9,864.0ft
 Btm TMD: 9,953.0ft
 Spud Date/Time: 11/29/2019
 BH Coord X: 6,124,360.86usft
 BH Coord Y: 2,282,660.77usft

Cement Depths - MD, TVD (ft)	Schematic (1/27/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			20" Hole	14.0	94.0	14.0	94.0				
14.0ft, 14.0ft (TOC)			14.75" Hole	94.0	2,014.0	94.0	2,013.9				
14.0ft, 14.0ft (TOC)			8.75" Hole	2,014.0	9,953.0	2,013.9	9,848.1				
94.0ft, 94.0ft			PRE-SET CONDUCTOR Report Date: 11/6/2019 00:00								
2014.0ft, 2013.9ft			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0
			SURFACE CASING Report Date: 12/1/2019 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	K-55	40.50	BTC	14.0	1,968.6	14.0	1968.6
9946.0ft, 9841.2ft			FLOAT COLLAR	10.750	K-55	40.50	BTC	1,968.6	1,970.2	1968.6	1970.1
	Casing	10.750	K-55	40.50	BTC	1,970.2	2,012.2	1970.1	2012.1		
	GUIDE SHOE	10.750	K-55	40.50	BTC	2,012.2	2,014.0	2012.1	2014.0		
	PRODUCTION CASING Report Date: 12/11/2019 00:00										
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
	Casing	7.000	N-80	26.00	LTC	14.0	9,864.0	14.0	9760.0		
	FLOAT COLLAR	7.000	N-80	26.00	LTC	9,864.0	9,865.2	9760.0	9761.2		
	Casing	7.000	N-80	26.00	LTC	9,865.2	9,944.5	9761.2	9839.7		
	FLOAT SHOE	7.000	N-80	26.00	LTC	9,944.5	9,946.0	9839.7	9841.2		
				TUBING STRING				Well: 317-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			TH-DBB	14.0	14.7	14.0	14.7	-----			
			FATNIP	14.7	15.4	14.7	15.3	Cond. Csg. Cmt Vol: Unknown			
			TBGJNT	15.4	329.6	15.3	329.6	Hole Size: 20"			
			XO	329.6	330.7	329.6	330.7	Casing Size: 16"			
			TBGJNT	330.7	7,351.4	330.7	7252.6	Top Job: No			
			HTBGAN	7,351.4	7,355.2	7252.6	7256.4	Rtns to Sfc: Unknown			
			TBGJNT	7,355.2	8,140.7	7256.4	8041.7	TOC: Unknown			
			DRAIN	8,140.7	8,141.2	8041.7	8042.2	-----			
			TBGJNT	8,141.2	8,203.2	8042.2	8104.2	Surface Csg. Cmt Vol: 1606 cf			
			STNIP	8,203.2	8,204.4	8104.2	8105.3	Class 'G' Lead Cement: 1348 cf			
			PUPJNT	8,204.4	8,208.4	8105.3	8109.3	Yield: 2.17, Density: 13.5 ppg.			
			ROD STRING				Class 'G' Tail Cement: 258 cf				
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.71 Density: 11.2 ppg.			
			POLRDL	0.0	42.0	0.0	42.0	Hole Size: 14.75"			
			PNYROD	42.0	46.0	42.0	46.0	Casing Size: 10.75"			
			ROD	46.0	136.0	46.0	136.0	Top Job: No			
			COROD	136.0	2,060.0	136.0	2059.9	Rtns to Sfc: No			
			COROD	2,060.0	3,577.0	2059.9	3576.8	TTOC: 14'			
			COROD	3,577.0	4,976.0	3576.8	4975.7	-----			
			COROD	4,976.0	5,772.0	4975.7	5740.0	Prod Csg. Cmt Vol: 2064 cf			
			COROD	5,772.0	6,569.0	5740.0	6476.9	Class 'C' Lead Cement: 1347 cf			
			COROD	6,569.0	8,151.0	6476.9	8052.0	Yield: 2.24, Density: 13.5 ppg.			
			PNYROD	8,151.0	8,153.0	8052.0	8054.0	Class 'C' Tail Cement: 717 cf			
			SHRCPL	8,153.0	8,154.0	8054.0	8055.0	Yield: 1.87, Density: 8.4 ppg.			
			STB3P	8,154.0	8,158.0	8055.0	8059.0	Hole Size: 8.75"			
			ON-OFF	8,158.0	8,159.0	8059.0	8060.0	Casing Size: 7"			
			STB3P	8,159.0	8,163.0	8060.0	8064.0	Top Job: No			
			INSMP	8,163.0	8,203.0	8064.0	8104.0	Rtns to Sfc: No			
			Formation Name				MD(ft)	TVD(ft)	TTOC: 14'		
			AMNICOLA				633.9	633.8	Screen/Slotted Liner Cmt Vol: NA cf		
			LOWER_TULARE				698.6	698.5	Hole Size: NA		
			SANJOAQUIN				1,263.2	1,263.1	Casing Size: NA		
									Top Job: NA		
									Rtns to Sfc: NA		
									TTOC: NA		

									Cavity Shot: None		
									Junk: None		

									Volume Behind Pipe:		
									Assumed Yield: 1.15		
									Theoretical Calculations (TTOC)		
									R. Aguilar		
									Date: 11/2022		

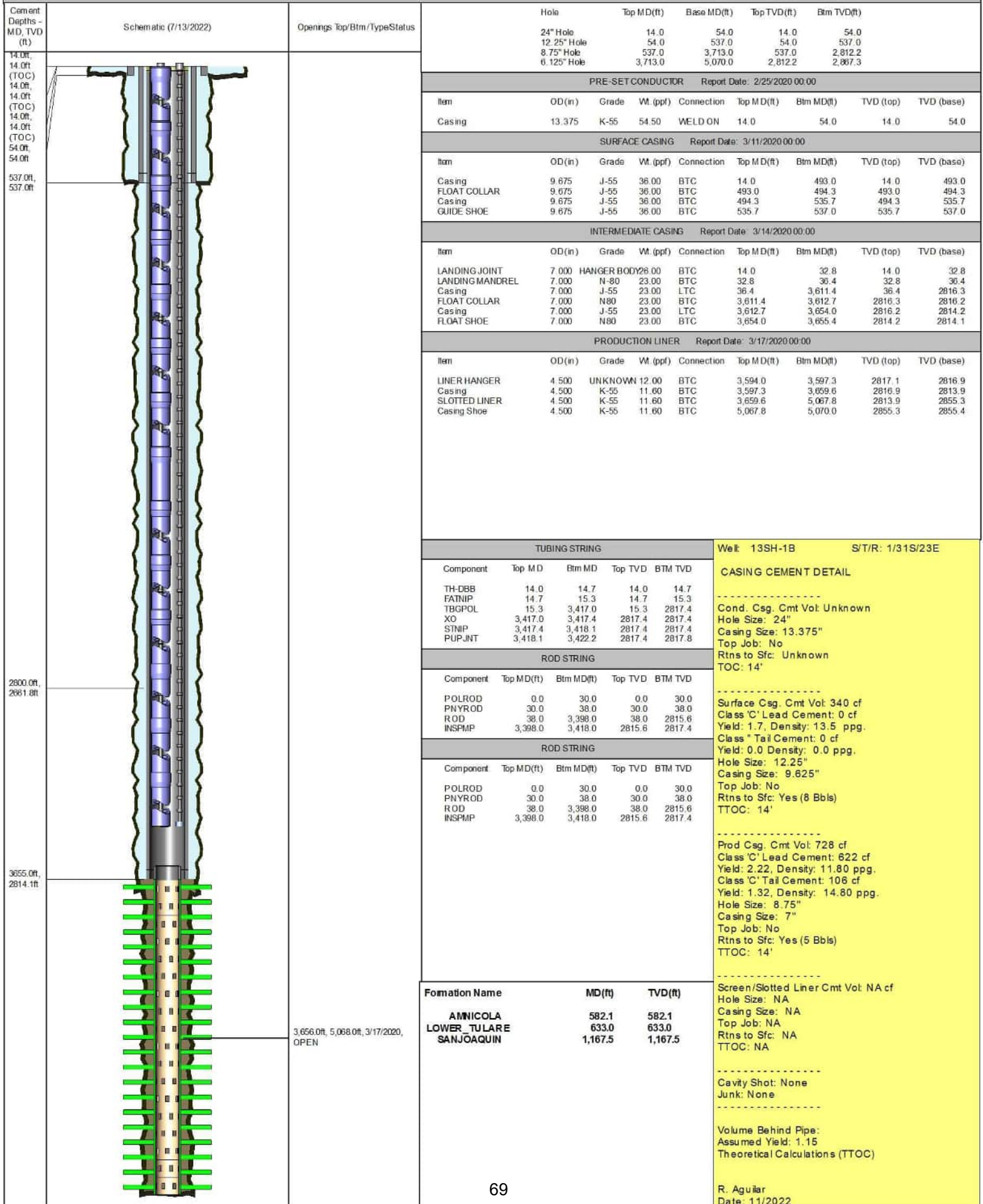
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 7/13/2022

13SH-1B

Ground Level: 1,111.4ft
 Datum: Original DF @ 1,125.36ft (Ensign 536 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403067416

Wellbore: ORIGINAL HOLE
 PBMD: 5,068.0ft
 Btm TMD: 5,070.0ft
 Spud Date/Time: 3/10/2020
 BH Coord X: 6,127,033.87usft
 BH Coord Y: 2,283,819.44usft

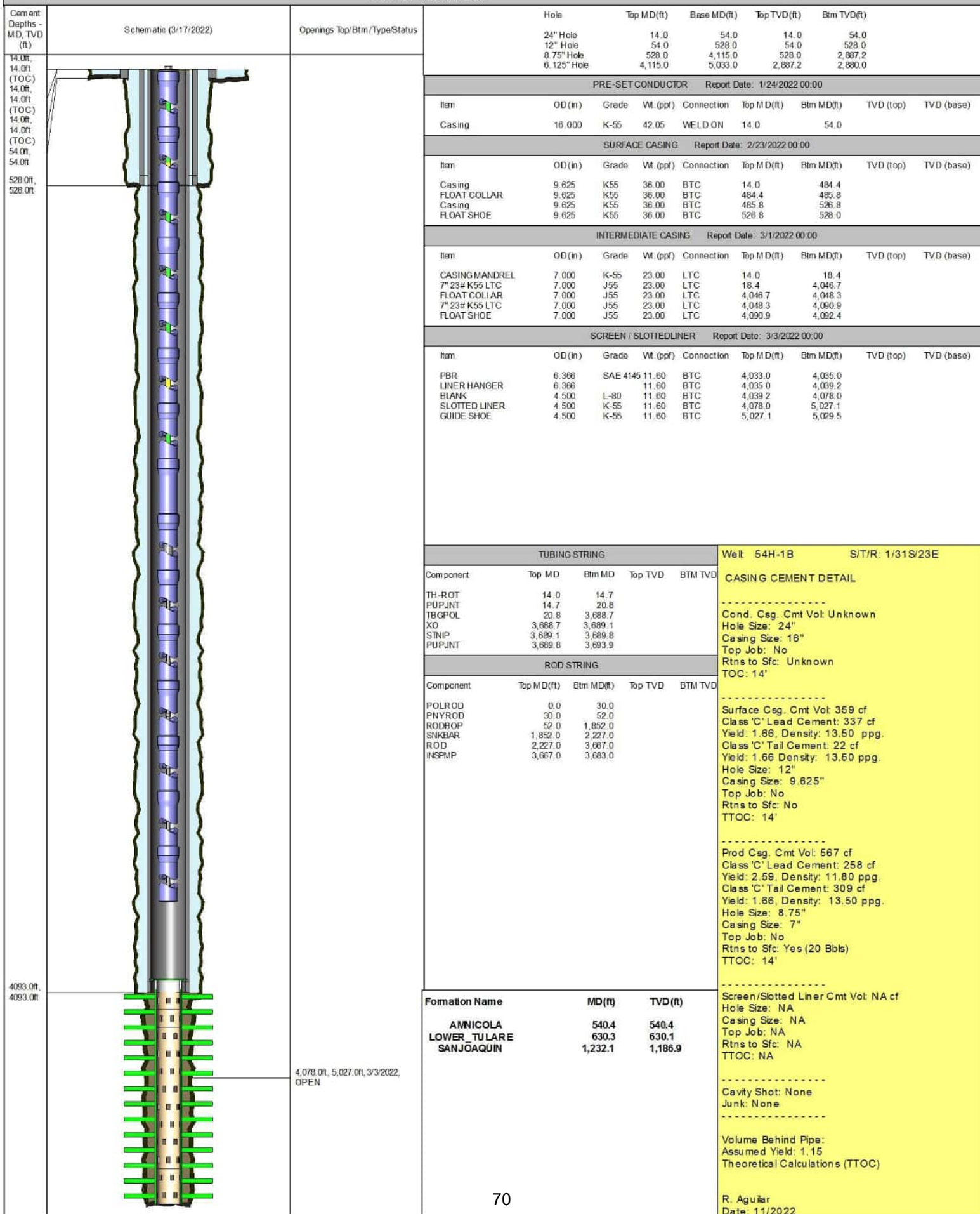


Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 3/17/2022

54H-1B

Ground Level: 1,127.1ft
Datum: Original DF @ 1,141.11ft (Ensign 536 + KB 14')(default)
KB: 14.0ft
API-10: 0403067486

Wellbore: ORIGINAL HOLE
PBMD: 5,030.0ft
Btm TMD: 5,033.0ft
Spud Date/Time: 2/23/2022
BH Coord X: 6,128,705.09usft
BH Coord Y: 2,283,168.31usft



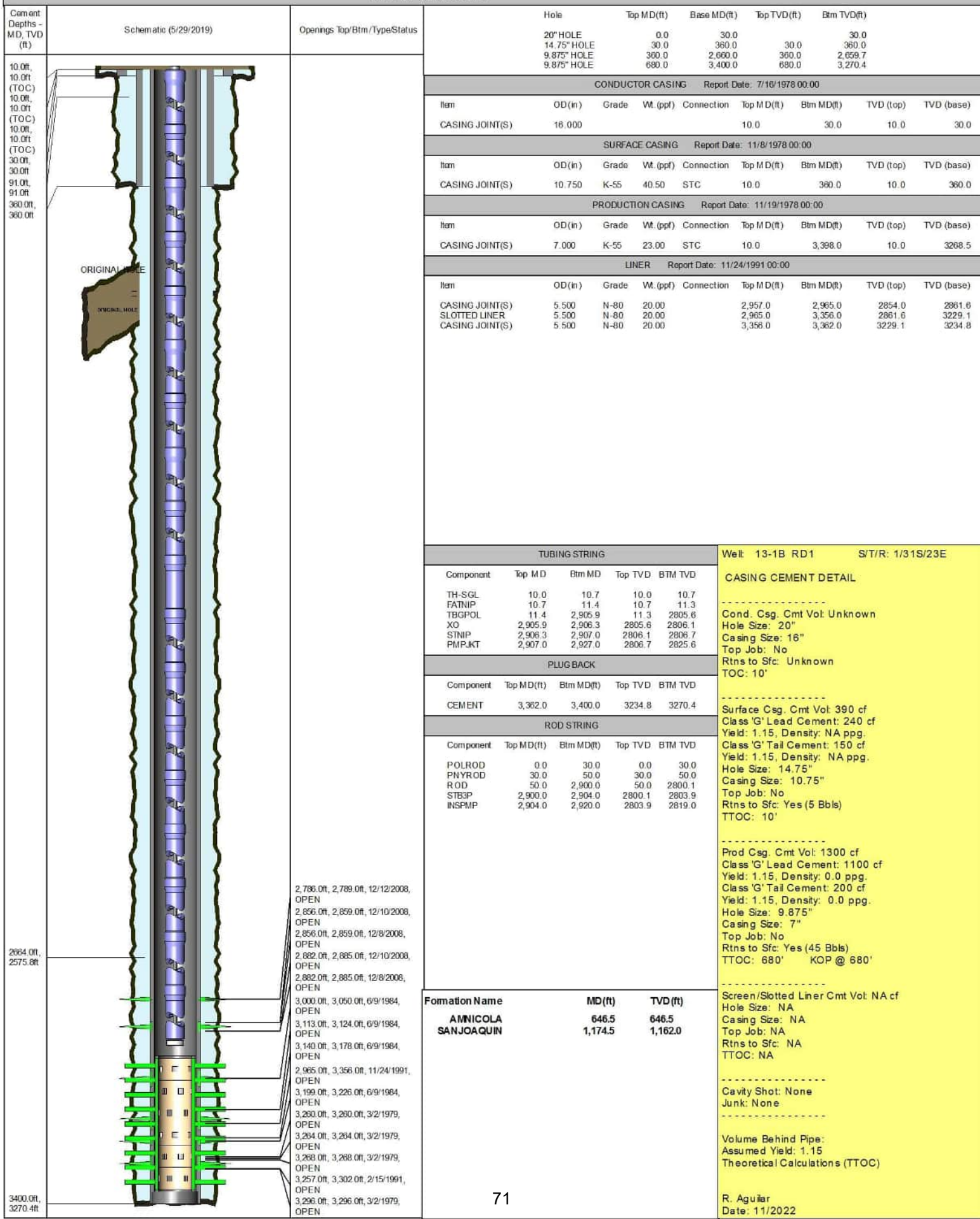
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 5/29/2019

13-1B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,159.00ft (default)
 KB: 10.0ft
 API-10: 0402955673

Wellbore: ST 1
 PBMD: 3,362.0ft
 Btm TMD: 3,400.0ft
 Spud Date/Time: 11/8/1978
 BH Coord X: 6,123,606.40usft
 BH Coord Y: 2,285,431.38usft



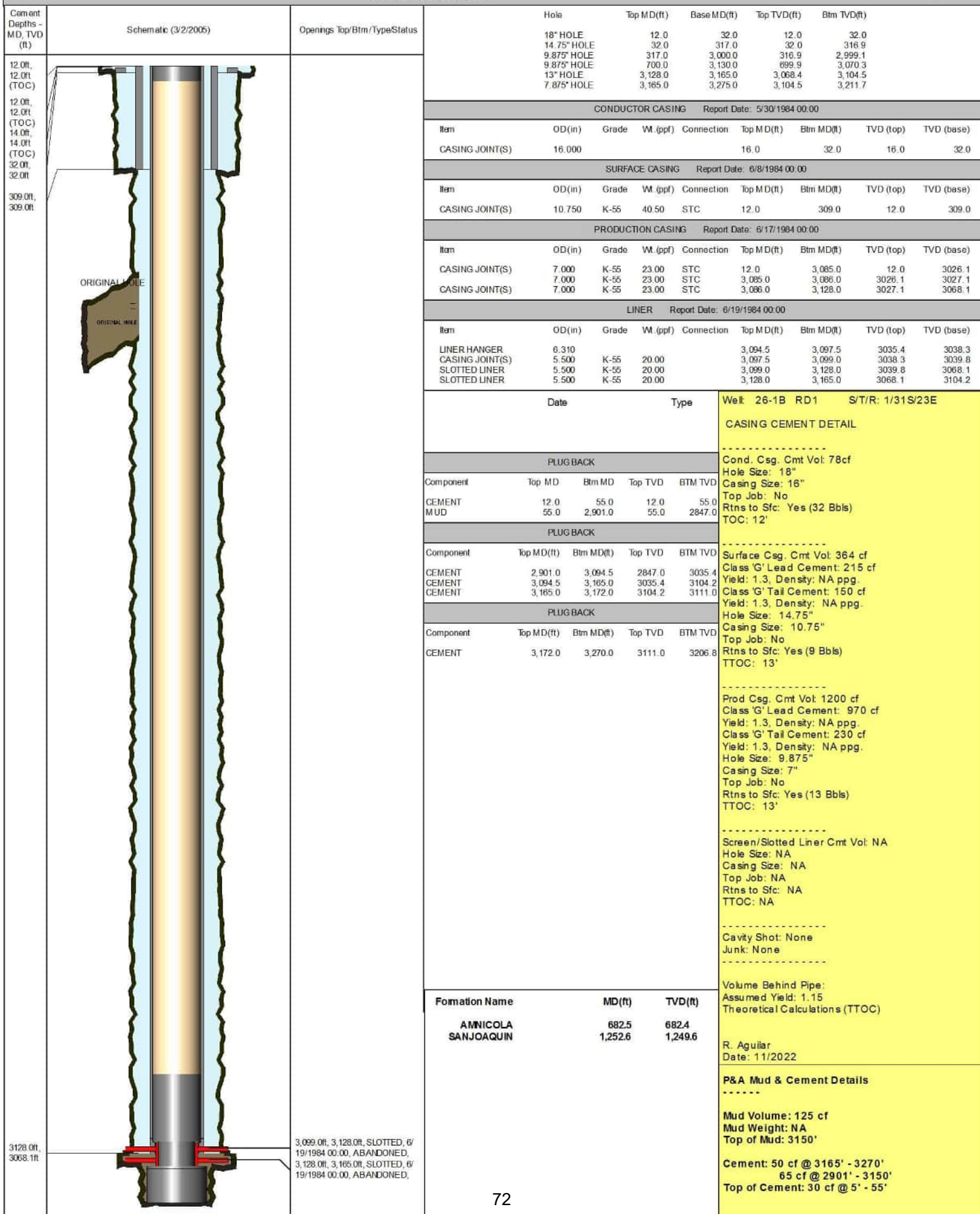
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 3/2/2005

26-1B

Ground Level: 1,078.0ft
 Datum: Original DF @ 1,090.00ft (default)
 KB: 12.0ft
 API-10: 0402972052

Wellbore: ST 1
 PBMD: 12.0ft
 Btm TMD: 3,275.0ft
 Spud Date/Time: 6/4/1984
 BH Coord X: 6,124,688.27usft
 BH Coord Y: 2,283,288.22usft



WELL CONSTRUCTION DETAILS FOR WELLS LOCATED IN SECTION 2B

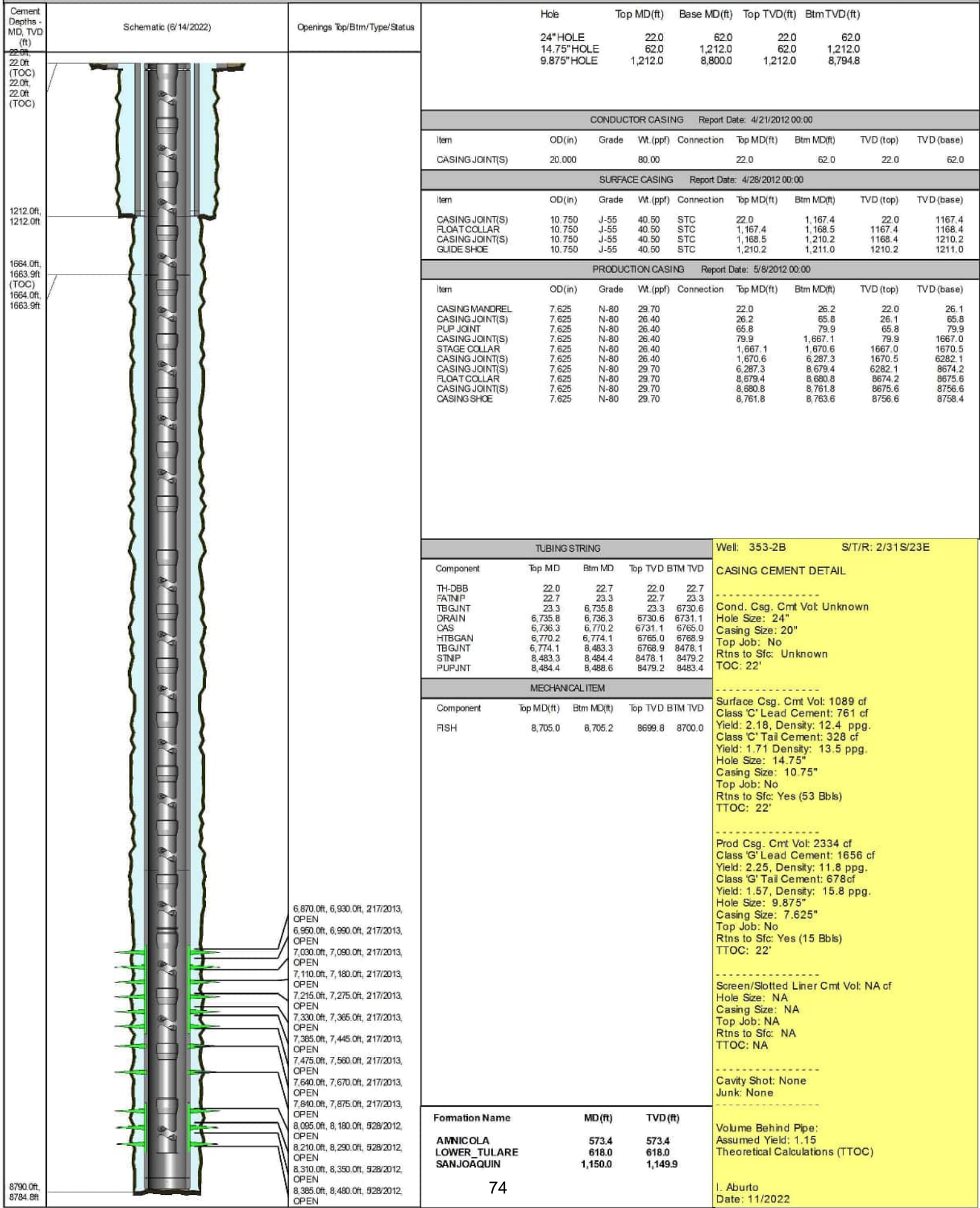
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 6/14/2022

353-2B

Ground Level: 1,106.5ft
 Datum: Original KB @ 1,128.50ft (default)
 KB: 22.0ft
 API-10: 0403046702

Wellbore: ORIGINAL HOLE
 PBMD: 8,709.0ft
 Btm TMD: 8,800.0ft
 Spud Date/Time: 4/27/2012
 BH Coord X: 6,121,750.17usft
 BH Coord Y: 2,285,299.77usft



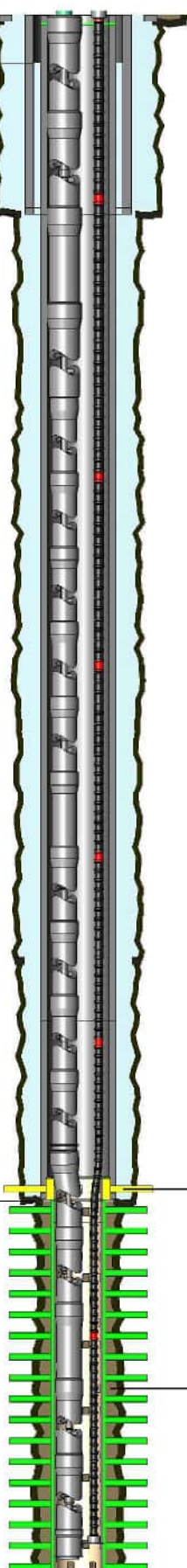
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 8/12/2022

361-2B

Ground Level: 1,167.9ft
 Datum: Original DF @ 1,192.90ft (Air Gap = 25')(default)
 KB: 25.0ft
 API-10: 0403054258

Wellbore: ORIGINAL HOLE
 PBMD: 9,540.0ft
 Btm TMD: 9,550.0ft
 Spud Date/Time: 3/31/2014
 BH Coord X: 6,122,470.99usft
 BH Coord Y: 2,286,501.36usft

Cement Depths - MD, TVD (ft)	Schematic (8/12/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	BtmTVD(ft)	
25.0ft 25.0ft (TOC) 316.0ft 316.0ft (TOC)			20" Hole	25.0	65.0	25.0	65.0	
1241.0ft 1240.9ft			14.5" Hole	65.0	1,241.0	65.0	1,240.9	
			10-1/2" Hole	1,241.0	5,789.0	1,240.9	5,780.6	
			8.75" Hole	5,789.0	7,250.0	5,780.6	7,234.7	
			9.875" Hole	5,789.0	7,250.0	5,780.6	7,234.7	
			6.75 Hole	7,250.0	9,550.0	7,234.7	9,533.3	
CONDUCTOR CASING Report Date: 3/30/2014 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing	16.000				25.0	65.0	25.0	65.0
SURFACE CASING Report Date: 3/31/2014 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing	10.750	J-55	40.50		25.0	1,199.0	25.0	1198.9
FLOAT COLLAR	10.750		0.00		1,199.0	1,200.3	1198.9	1200.3
Casing	10.750	J-55	40.50		1,200.3	1,239.4	1200.3	1239.4
GUIDE SHOE	10.750		0.00		1,239.4	1,241.0	1239.4	1240.9
INTERMEDIATE CASING Report Date: 4/8/2014 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
LANDING MANDREL	7.625	N-80	29.70		25.0	29.8	25.0	29.8
Casing	7.625	N-80	26.40		29.8	71.2	29.8	71.1
Pup Joint	7.625	N-80	29.70		71.2	91.0	71.1	91.0
Casing	7.625	N-80	26.40		91.0	4,726.0	91.0	4725.5
Casing	7.625	P 110	29.70		4,726.0	6,151.6	4725.5	6139.8
Casing	7.625	P 110	29.70		6,151.6	7,196.4	6139.8	7181.2
Float Collar	7.625		0.00		7,196.4	7,197.7	7181.2	7182.5
Casing	7.625	P 110	29.70		7,197.7	7,238.3	7182.5	7223.1
Casing Shoe	7.625		0.00		7,238.3	7,240.0	7223.1	7224.7
SCREEN / SLOTTED LINER Report Date: 4/16/2014 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
SETTING SLEEVE	6.375	N80	17.00		7,101.7	7,104.5	7088.6	7089.4
Liner Hanger	6,500	N80	17.00		7,104.5	7,111.4	7089.4	7096.3
SLOTTED LINER	5,500	L-80	17.00		7,111.4	9,540.4	7096.3	9523.7
GUIDE SHOE	5.875	N80	17.00		9,540.4	9,547.0	9523.7	9530.3
TUBING STRING								
Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 361-2B S/T/R: 2/31S/23E			
TH-DBB	25.0	25.7	25.0	25.7	CASING CEMENT DETAIL			
FATNIP	25.7	26.2	25.7	26.2	-----			
TBGJNT	26.2	2,350.8	26.2	2,350.6	Cond. Csg. Cmt Vol: Unknown			
XO	2,350.8	2,351.9	2,350.6	2,351.7	Hole Size: 24"			
TBGJNT	2,351.9	6,902.6	2,351.7	6,887.5	Casing Size: 20"			
HTBGAN	6,902.6	6,906.7	6,887.5	6,891.6	Top Job: No			
TBGJNT	6,906.7	6,939.2	6,891.6	6,924.1	Rtns to Sfc: Unknown			
HTBGAN	6,939.2	6,943.5	6,924.1	6,928.4	TOC: 25'			
TBGJNT	6,943.5	9,248.0	6,928.4	9,231.4	-----			
DRAIN	9,248.0	9,248.4	9,231.4	9,231.9	Surface Csg. Cmt Vol: 876 cf			
TBGJNT	9,248.4	9,411.0	9,231.9	9,394.4	Class 'C' Lead Cement: 663 cf			
STNIP	9,411.0	9,412.1	9,394.4	9,395.5	Yield: 1.15, Density: 12.4 ppg.			
PMP SH	9,412.1	9,416.3	9,395.5	9,399.6	Class 'C' Tail Cement: 213 cf			
ROD STRING					Yield: 1.15 Density: 13.5 ppg.			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 14.5"			
POLRDL	0.0	42.0	0.0	42.0	Casing Size: 10.75"			
PNY ROD	42.0	52.0	42.0	52.0	Top Job: No			
R-4PER	52.0	2,062.0	52.0	2,061.8	Rtns to Sfc: Yes (16 Bbls)			
R-4PER	2,062.0	5,182.0	2,061.8	5,180.8	TTOC: 25'			
ROD	5,182.0	7,042.0	5,180.8	7,026.9	-----			
R-4PER	7,042.0	8,722.0	7,026.9	8,705.7	Prod Csg. Cmt Vol: 2450 cf			
R-6PER	8,722.0	9,382.0	8,705.7	9,365.4	Class 'G' Lead Cement: 2254 cf			
STB3P	9,382.0	9,386.0	9,365.4	9,369.4	Yield: 1.15, Density: 12.4 ppg.			
SHRCPL	9,386.0	9,387.0	9,369.4	9,370.4	Class 'G' Tail Cement: 196 cf			
STB3P	9,387.0	9,391.0	9,370.4	9,374.4	Yield: 1.15, Density: 15.8 ppg.			
INSPMP	9,391.0	9,431.0	9,374.4	9,414.4	Hole Size: 9.875"			
ROD STRING					Casing Size: 7.625"			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
POLROD	0.0	42.0	0.0	42.0	Rtns to Sfc: No			
PNY ROD	42.0	68.0	42.0	68.0	TTOC: 316'			
COROD	68.0	2,220.0	68.0	2,219.8	-----			
COROD	2,220.0	3,390.0	2,219.8	3,389.7	Screen/Slotted Liner Cmt Vol: NA of			
COROD	3,390.0	4,533.0	3,389.7	4,532.6	Hole Size: NA			
COROD	4,533.0	5,770.0	4,532.6	5,761.8	Casing Size: NA			
COROD	5,770.0	6,806.0	5,761.8	6,790.9	Top Job: NA			
COROD	6,806.0	9,282.0	6,790.9	9,265.4	Rtns to Sfc: NA			
STB3P	9,282.0	9,286.0	9,265.4	9,269.4	TTOC: NA			
SHRCPL	9,286.0	9,287.0	9,269.4	9,270.4	-----			
STB3P	9,287.0	9,291.0	9,270.4	9,274.4	Cavity Shot: None			
POLROD	9,291.0	9,331.0	9,274.4	9,314.4	Junk: None			
PLUNGR	9,331.0	9,337.0	9,314.4	9,320.4	-----			
FORMATION					Volume Behind Pipe:			
Formation Name	MD(ft)	TVD(ft)	Assumed Yield: 1.15					
AMNICOLA	562.2	562.2	Theoretical Calculations (TTOC)					
LOWER_TULARE	597.2	597.2	I. Aburto					
SANJOAQUIN	1,120.1	1,120.1	Date: 11/2022					

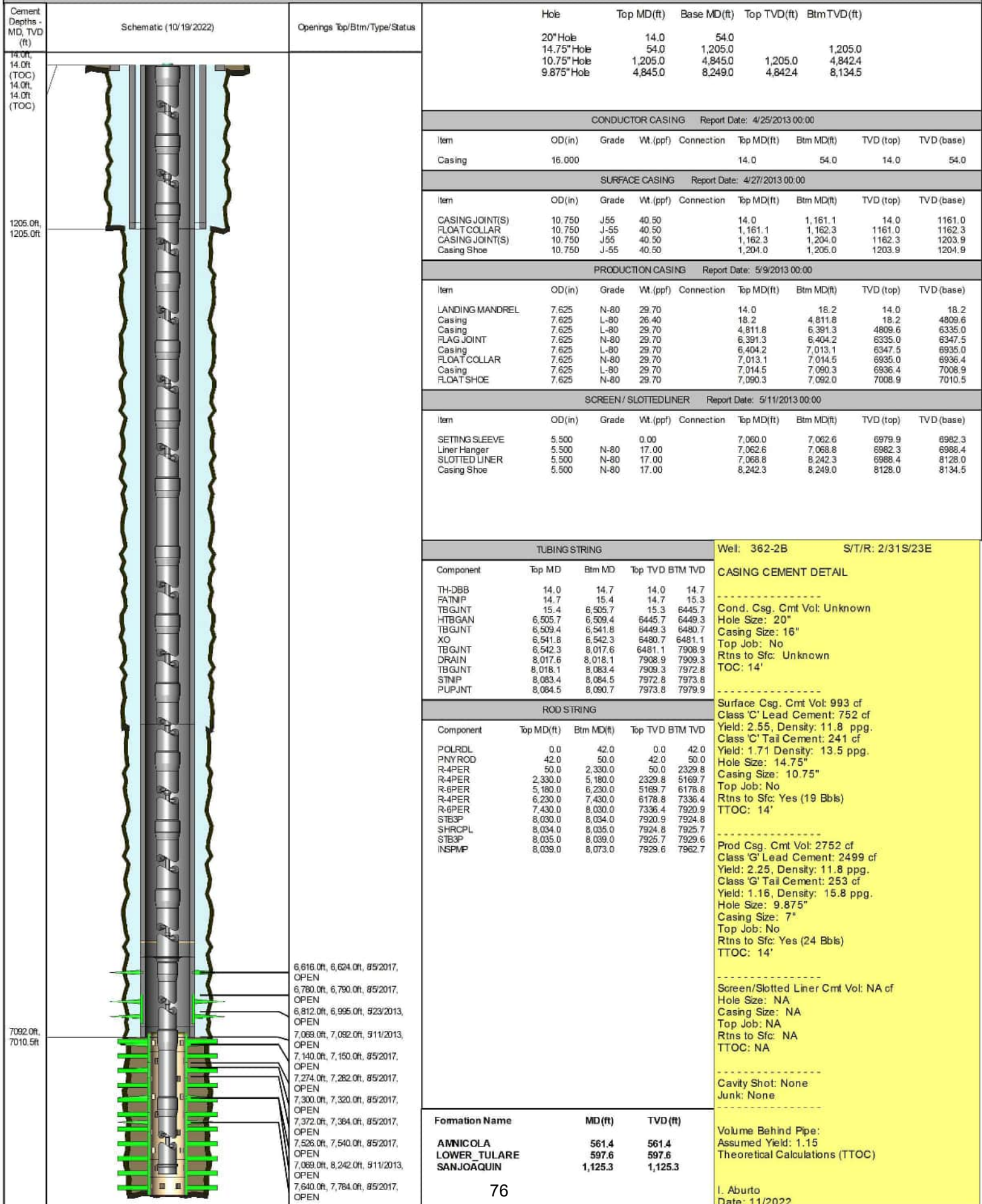
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 10/19/2022

362-2B

Ground Level: 1,155.6ft
 Datum: Original DF @ 1,169.60ft (A G = 14") (default)
 KB: 14.0ft
 API-10: 0403050235

Wellbore: ORIGINAL HOLE
 PBMD: 8,249.0ft
 Btm TMD: 8,249.0ft
 Spud Date/Time: 4/27/2013
 BH Coord X: 6,122,936.36usft
 BH Coord Y: 2,285,237.33usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 6/15/2022

364-2B

Ground Level: 1,123.7ft
 Datum: Original DF @ 1,148.70ft(default)
 KB: 25.0ft
 API-10: 0403054464

Wellbore: ORIGINAL HOLE
 PBMD: 7,907.0ft
 Btm TMD: 8,005.0ft
 Spud Date/Time: 5/1/2014
 BH Coord X: 6,122,442.43usft
 BH Coord Y: 2,284,456.42usft

Cement Depths - MD, TVD (ft)	Schematic (6/15/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	BtmTVD(ft)
25.0ft 25.0ft (TOC) 25.0ft 25.0ft (TOC)			20"Hole	25.0	65.0	25.0	65.0
1327.0ft 1326.9ft			14.5"Hole	65.0	1,328.0	65.0	1,327.9
			10.5"Hole	1,328.0	6,704.0	1,327.9	6,693.6
			8.75"Hole	6,704.0	8,005.0	6,693.6	7,989.9
PRE-SET CONDUCTOR Report Date: 4/3/2014 00:00							
Item OD(in) Grade Wt. (ppf) Connection Top MD(ft) Btm MD(ft) TVD (top) TVD (base)							
Casing 20.000 25.0 65.0 25.0 65.0							
SURFACE CASING Report Date: 5/1/2014 00:00							
Item OD(in) Grade Wt. (ppf) Connection Top MD(ft) Btm MD(ft) TVD (top) TVD (base)							
Casing 10.750 J-55 40.50 BTC 25.0 1,285.3 25.0 1285.2							
FLOAT COLLAR 10.750 K-55 40.50 BTC 1,285.3 1,286.6 1285.2 1286.5							
Casing 10.750 J-55 40.50 BTC 1,286.6 1,325.9 1286.5 1325.8							
FLOAT SHOE 10.750 K-55 40.50 BTC 1,325.9 1,326.9 1325.8 1326.8							
PRODUCTION CASING Report Date: 5/9/2014 00:00							
Item OD(in) Grade Wt. (ppf) Connection Top MD(ft) Btm MD(ft) TVD (top) TVD (base)							
LANDING MANDREL 7.000 N-80 26.00 25.0 29.9 25.0 29.9							
Casing 7.000 N-80 26.00 29.9 7,907.2 29.9 7892.3							
Float Collar 7.000 N-80 26.00 7,907.2 7,908.6 7892.3 7893.7							
Casing 7.000 N-80 26.00 7,908.6 7,988.5 7893.7 7973.5							
FLOAT SHOE 7.000 N-80 26.00 7,988.5 7,990.0 7973.5 7974.9							
TUBING STRING							
Component Top MD Btm MD Top TVD Btm TVD							
TH-DBB 25.0 25.7 25.0 25.7							
FATNIP 25.7 26.3 25.7 26.3							
TBGJNT 26.3 6,484.8 26.3 6,474.9							
HTBGAN 6,484.8 6,488.2 6,474.9 6,478.4							
TBGJNT 6,488.2 6,519.2 6,478.4 6,509.3							
HTBGAN 6,519.2 6,522.7 6,509.3 6,512.7							
TBGJNT 6,522.7 7,782.6 6,512.7 7,768.0							
DRAIN 7,782.6 7,783.0 7,768.0 7,768.4							
TBGJNT 7,783.0 7,846.6 7,768.4 7,831.8							
STNIP 7,846.6 7,847.7 7,831.8 7,832.9							
PUPJNT 7,847.7 7,851.8 7,832.9 7,837.0							
ROD STRING							
Component Top MD(ft) Btm MD(ft) Top TVD Btm TVD							
POLRDL 0.0 42.0 0.0 42.0							
PNYROD 42.0 50.0 42.0 50.0							
ROD 50.0 1,880.0 50.0 1,879.6							
R-4PER 1,880.0 5,600.0 1,879.6 5,594.4							
R-6PER 5,600.0 7,190.0 5,594.4 7,177.7							
R-4PER 7,190.0 7,790.0 7,177.7 7,775.4							
STB3P 7,790.0 7,794.0 7,775.4 7,779.4							
INSMP 7,794.0 7,838.0 7,779.4 7,823.3							
Formation Name MD(ft) TVD(ft)							
AMNICOLA 621.8 621.8							
LOWER TULARE 667.1 667.0							
SANJOAQUIN 1,187.2 1,187.1							
Well: 364-2B S/T/R: 2/31S/23E							
Casing Cement Detail							
Cond. Csg. Cmt Vol: Unknown							
Hole Size: 20"							
Casing Size: 16"							
Top Job: No							
Rtns to Sfc: Unknown							
TOC: 14'							
Surface Csg. Cmt Vol: 993 of							
Class 'C' Lead Cement: 752 of							
Yield: 2.55, Density: 11.8 ppg.							
Class 'C' Tail Cement: 241 of							
Yield: 1.71 Density: 13.5 ppg.							
Hole Size: 14.75"							
Casing Size: 10.75"							
Top Job: No							
Rtns to Sfc: Yes (19 Bbls)							
TTOC: 14'							
Prod Csg. Cmt Vol: 2752 of							
Class 'G' Lead Cement: 2499 of							
Yield: 2.25, Density: 11.8 ppg.							
Class 'G' Tail Cement: 253 of							
Yield: 1.16, Density: 15.8 ppg.							
Hole Size: 9.875"							
Casing Size: 7"							
Top Job: No							
Rtns to Sfc: Yes (24 Bbls)							
TTOC: 14'							
Screen/Slotted Liner Cmt Vol: NA of							
Hole Size: NA							
Casing Size: NA							
Top Job: NA							
Rtns to Sfc: NA							
TTOC: NA							
Cavity Shot: None							
Junk: None							
Volume Behind Pipe:							
Assumed Yield: 1.15							
Theoretical Calculations (TTOC)							
I. Aburto							
Date: 11/2022							

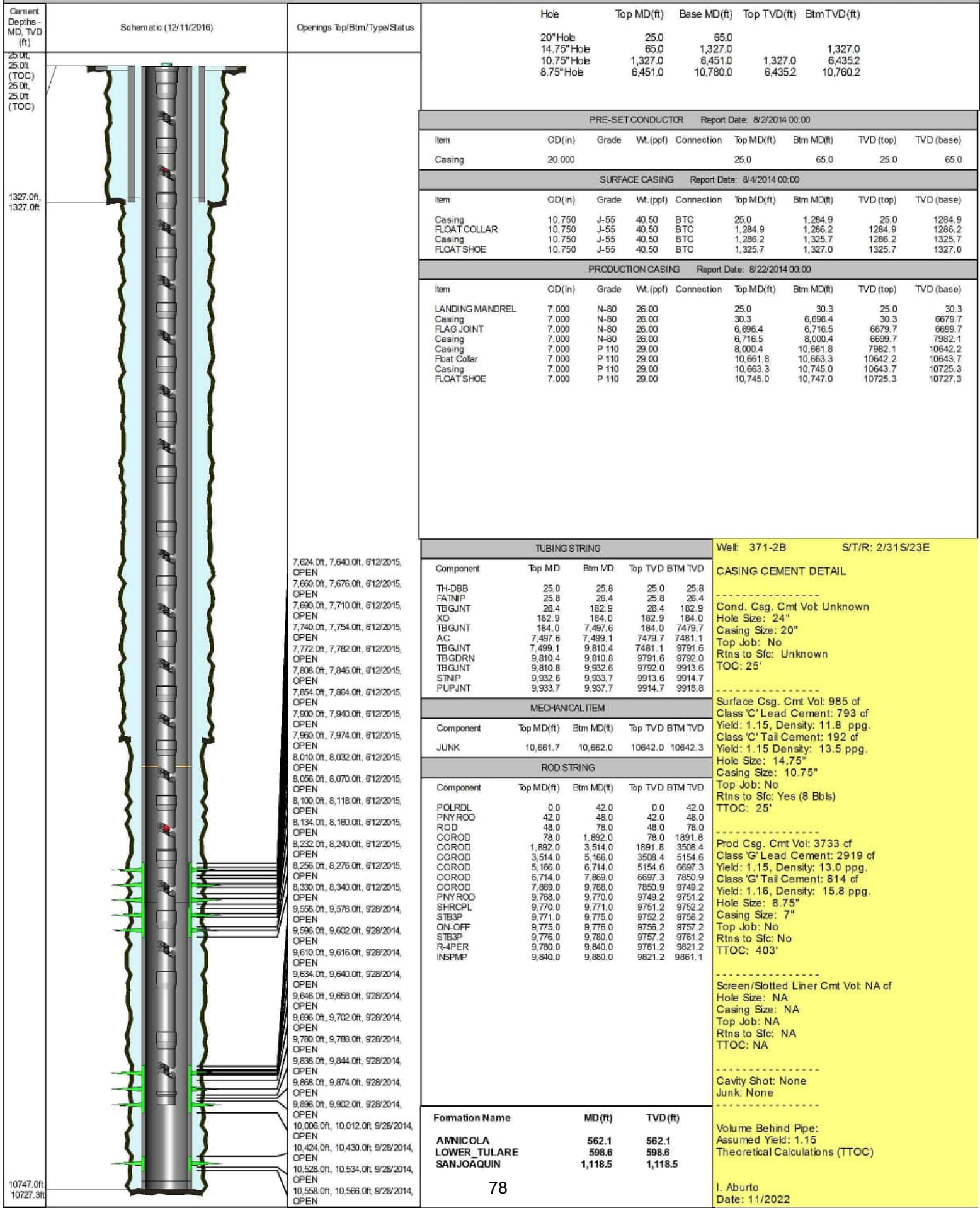
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 12/11/2016

371-2B

Ground Level: 1,169.6ft
 Datum: Original DF @ 1,194.60ft(default)
 KB: 25.0ft
 API-10: 0403055154

Wellbore: ORIGINAL HOLE
 PBMD: 10,662.0ft
 Btm TMD: 10,780.0ft
 Spud Date/Time: 8/3/2014
 BH Coord X: 6,123,175.23usft
 BH Coord Y: 2,286,755.54usft



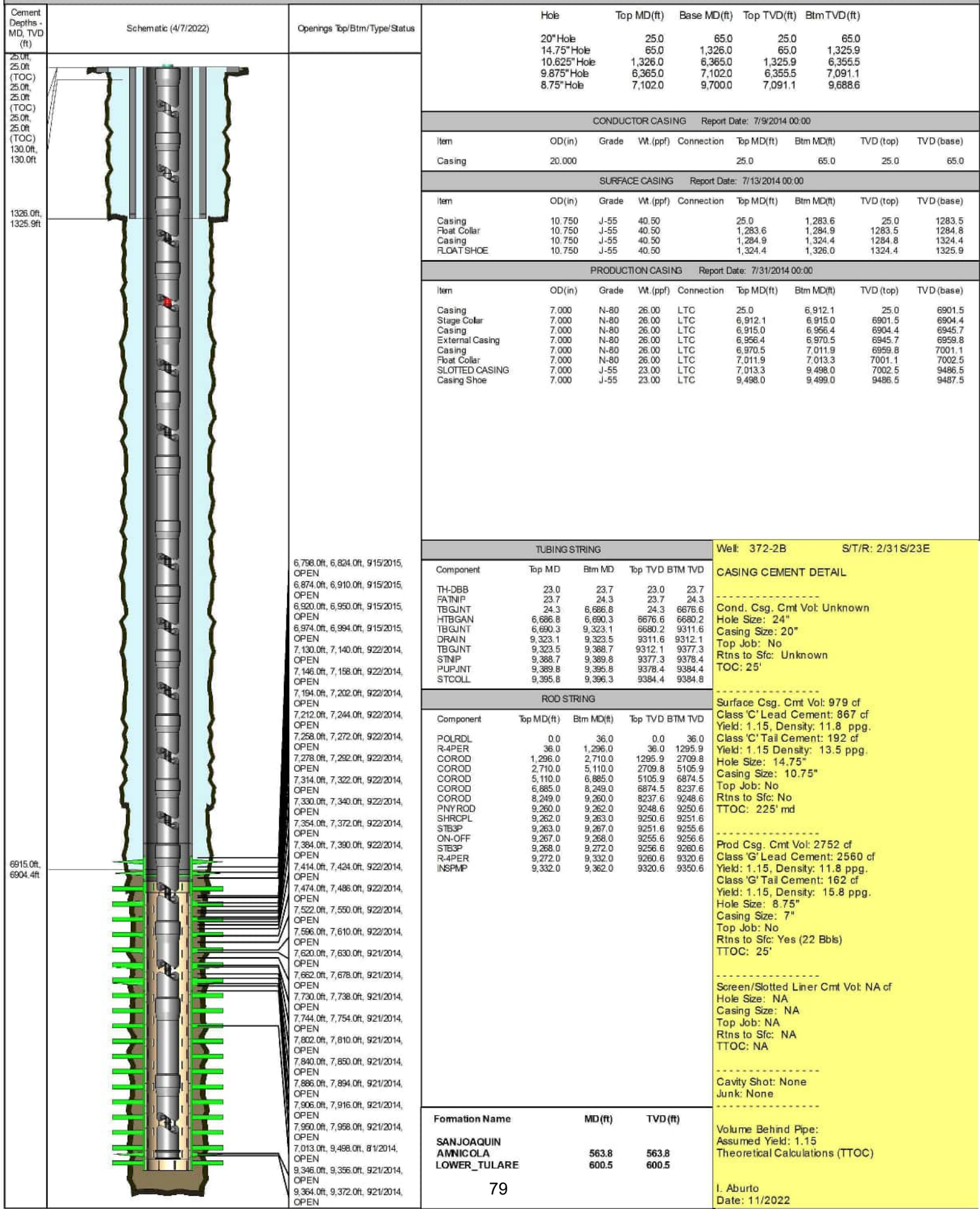
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: FINISHED - SUCCESS
 End date: 4/7/2022

372-2B

Ground Level: 1,169.6ft
 Datum: Original DF @ 1,194.60ft (H&P 381 Air Gap - 25')(default)
 KB: 25.0ft
 API-10: 0403055155

Wellbore: ORIGINAL HOLE
 PBMD: 9,499.0ft
 Btm TMD: 9,700.0ft
 Spud Date/Time: 7/13/2014
 BH Coord X: 6,123,019.57usft
 BH Coord Y: 2,286,090.34usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 Status date: 6/1/2007

1-2B

Ground Level: 1,055.0ft
 Datum: Original KB @ 1,060.00ft (default)
 KB: 5.0ft
 API-10: 0402927890

Wellbore: ORIGINAL HOLE
 PBMD: 0.0ft
 Btm TMD: 1,845.0ft
 Spud Date/Time: 12/1/1910
 BH Coord X: 6,121,741.76usft
 BH Coord Y: 2,284,012.93usft

Cement Depths - MD, TVD (ft)	Schematic: (8/1/2007)	Openings: Top/Btm/Type/Status	<table><tr><td>Hole</td><td>Top MD(ft)</td><td>Base MD(ft)</td><td>Top TVD(ft)</td><td>Btm TVD(ft)</td></tr><tr><td>20" Hole</td><td>0.0</td><td>325.0</td><td></td><td></td></tr><tr><td>14.75" Hole</td><td>325.0</td><td>750.0</td><td></td><td></td></tr><tr><td>9.875" Hole</td><td>750.0</td><td>1,845.0</td><td></td><td></td></tr></table>								Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)	20" Hole	0.0	325.0			14.75" Hole	325.0	750.0			9.875" Hole	750.0	1,845.0																																																																																		
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	<table><tr><td colspan="6">PRE-SET CONDUCTOR</td><td colspan="5">Report Date: 12/1/1910 00:00</td></tr><tr><td>Item</td><td>OD(in)</td><td>Grade</td><td>Wt. (ppf)</td><td>Connection</td><td>Top MD(ft)</td><td>Btm MD(ft)</td><td>TVD (top)</td><td colspan="3">TVD (base)</td></tr><tr><td>Casing</td><td>16.000</td><td></td><td>65.00</td><td></td><td>5.0</td><td>325.0</td><td>5.0</td><td colspan="3">325.0</td></tr><tr><td colspan="6">SURFACE CASING</td><td colspan="5">Report Date: 12/2/1910 00:00</td></tr><tr><td>Item</td><td>OD(in)</td><td>Grade</td><td>Wt. (ppf)</td><td>Connection</td><td>Top MD(ft)</td><td>Btm MD(ft)</td><td>TVD (top)</td><td colspan="3">TVD (base)</td></tr><tr><td>Casing</td><td>12.500</td><td></td><td>40.00</td><td></td><td>5.0</td><td>750.0</td><td>5.0</td><td colspan="3">750.0</td></tr><tr><td colspan="6">PRODUCTION CASING</td><td colspan="5">Report Date: 12/3/1910 00:00</td></tr><tr><td>Item</td><td>OD(in)</td><td>Grade</td><td>Wt. (ppf)</td><td>Connection</td><td>Top MD(ft)</td><td>Btm MD(ft)</td><td>TVD (top)</td><td colspan="3">TVD (base)</td></tr><tr><td>Casing</td><td>8.250</td><td></td><td>39.50</td><td></td><td>5.0</td><td>1,600.0</td><td>5.0</td><td colspan="3">1600.0</td></tr></table>											PRE-SET CONDUCTOR						Report Date: 12/1/1910 00:00					Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			Casing	16.000		65.00		5.0	325.0	5.0	325.0			SURFACE CASING						Report Date: 12/2/1910 00:00					Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			Casing	12.500		40.00		5.0	750.0	5.0	750.0			PRODUCTION CASING						Report Date: 12/3/1910 00:00					Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			Casing	8.250		39.50		5.0	1,600.0	5.0	1600.0		
	PRE-SET CONDUCTOR						Report Date: 12/1/1910 00:00																																																																																																							
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									TTOC: 5'																																																																																																					

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									R. Aguilar																																																																																																					
									Date: 11/2022																																																																																																					
Formation Name					MD(ft)	TVD(ft)	P&A Mud & Cement Details																																																																																																							

							Mud Volume: NA																																																																																																							
							Mud Weight: NA																																																																																																							
							Top of Mud: NA																																																																																																							
							Cement: 1179 cf @ 5' - 1845'																																																																																																							
							Top Cement: 3 cf @ 5' - 8'																																																																																																							

| 80 | | | | | | | | | | | | | |

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: P&A
 Status Date: 7/1/1945

62-2B

Ground Level: 1,151.0ft
 Datum: Original DF @ 1,157.00ft (default)
 KB: 6.0ft
 API-10: 0402927891

Wellbore: ORIGINAL HOLE
 PBMD: 186.0ft
 Btm TMD: 4,550.0ft
 Spud Date/Time: 5/24/1945
 BH Coord X: 6,122,393.57usft
 BH Coord Y: 2,285,921.98usft

Cement Depths - MD, TVD (ft)	Schematic (7/1/1945)	Openings Top/Btm/Type/Status	<table><tr><td>Hole</td><td>Top MD(ft)</td><td>Base MD(ft)</td><td>Top TVD(ft)</td><td>Btm TVD(ft)</td></tr><tr><td>22" Hole</td><td>6.0</td><td>26.0</td><td>6.0</td><td>26.0</td></tr><tr><td>15.5" Hole</td><td>26.0</td><td>204.0</td><td>26.0</td><td>204.0</td></tr><tr><td>9.875" Hole</td><td>204.0</td><td>4,305.0</td><td>204.0</td><td>4,305.0</td></tr><tr><td>6.75" Hole</td><td>4,305.0</td><td>4,550.0</td><td>4,305.0</td><td>4,550.0</td></tr></table>								Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)	22" Hole	6.0	26.0	6.0	26.0	15.5" Hole	26.0	204.0	26.0	204.0	9.875" Hole	204.0	4,305.0	204.0	4,305.0	6.75" Hole	4,305.0	4,550.0	4,305.0	4,550.0																															
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186.0ft 204.0ft (TOC) 26.0ft 26.0ft 204.0ft 204.0ft			<table><tr><td colspan="4">CONDUCTOR CASING</td><td colspan="4">Report Date: 5/7/1945 00:00</td></tr><tr><td>Item</td><td>OD(in)</td><td>Grade</td><td>Wt. (ppf)</td><td>Connection</td><td>Top MD(ft)</td><td>Btm MD(ft)</td><td>TVD (top)</td><td>TVD (base)</td></tr><tr><td>CASING JOINT(S)</td><td>18.625</td><td>J-55</td><td>87.50</td><td></td><td>10.0</td><td>26.0</td><td>10.0</td><td>26.0</td></tr></table>								CONDUCTOR CASING				Report Date: 5/7/1945 00:00				Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	18.625	J-55	87.50		10.0	26.0	10.0	26.0																														
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CASING JOINT(S)	10.750	J-55	40.50		6.0	204.0	6.0	204.0																																																										
			<table><tr><td colspan="4">PLUG BACK</td></tr><tr><td>Component</td><td>Top MD</td><td>Btm MD</td><td>Top TVD</td><td>BTM TVD</td></tr><tr><td>CEMENT</td><td>186.0</td><td>204.0</td><td>186.0</td><td>204.0</td></tr><tr><td>CEMENT</td><td>204.0</td><td>225.0</td><td>204.0</td><td>225.0</td></tr></table>				PLUG BACK				Component	Top MD	Btm MD	Top TVD	BTM TVD	CEMENT	186.0	204.0	186.0	204.0	CEMENT	204.0	225.0	204.0	225.0	<table><tr><td colspan="4">PLUG BACK</td></tr><tr><td>Component</td><td>Top MD(ft)</td><td>Btm MD(ft)</td><td>Top TVD</td><td>BTM TVD</td></tr><tr><td>CEMENT</td><td>2,950.0</td><td>3,100.0</td><td>2950.0</td><td>3100.0</td></tr></table>				PLUG BACK				Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	CEMENT	2,950.0	3,100.0	2950.0	3100.0	<table><tr><td colspan="4">PLUG BACK</td></tr><tr><td>Component</td><td>Top MD(ft)</td><td>Btm MD(ft)</td><td>Top TVD</td><td>BTM TVD</td></tr><tr><td>CEMENT</td><td>4,277.0</td><td>4,305.0</td><td>4277.0</td><td>4305.0</td></tr><tr><td>CEMENT</td><td>4,305.0</td><td>4,450.0</td><td>4305.0</td><td>4450.0</td></tr></table>				PLUG BACK				Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	CEMENT	4,277.0	4,305.0	4277.0	4305.0	CEMENT	4,305.0	4,450.0	4305.0	4450.0
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							Well: 62-2B S/T/R: 2/31S/23E																																																											
							CASING CEMENT DETAIL																																																											
							----- Cond. Csg. Cmt Vol: 61 cf Transit Cement Mix Yield: 1.00, Density: 0.0 ppg Hole Size: 22" Casing Size: 18.625" Top Job: No Rtns to Sfc: 1 Bbl TOC: 10'																																																											
							----- Surface Csg. Cmt Vol: 200 cf Class 'C' Construction Cement Yield: 1.18, Density: 0.0 ppg. Hole Size: 15.5" Casing Size: 10.75" Top Job: 125 cf, Same Mix Unknown Yield and Density Rtns to Sfc: 8.7 Bbls TTOC: 6'																																																											
							----- Prod Csg. Cmt Vol: NA Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA																																																											
							----- Screen/Slotted Liner Cmt Vol: NA Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA																																																											
							----- Cavity Shot: None Junk: None																																																											
							----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)																																																											
			<table><tr><td>Formation Name</td><td>MD(ft)</td><td>TVD(ft)</td></tr><tr><td>AMNICOLA</td><td>554.6</td><td>554.6</td></tr><tr><td>LOWER_TULARE</td><td>591.2</td><td>591.2</td></tr><tr><td>SANJOAQUIN</td><td>1,120.3</td><td>1,120.3</td></tr></table>				Formation Name	MD(ft)	TVD(ft)	AMNICOLA	554.6	554.6	LOWER_TULARE	591.2	591.2	SANJOAQUIN	1,120.3	1,120.3	<table><tr><td colspan="2">B. Galindo</td></tr><tr><td colspan="2">Date: 11/2022</td></tr></table>				B. Galindo		Date: 11/2022																																									
Formation Name	MD(ft)	TVD(ft)																																																																
AMNICOLA	554.6	554.6																																																																
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B. Galindo																																																																		
Date: 11/2022																																																																		
							P&A Mud & Cement Details																																																											
							----- Mud Volume: NA Mud Weight: NA Top of Mud: NA																																																											
							Cement: 69 cf @ 4277' - 4450' 103.5 cf @ 2950' - 3100' 28.75 cf @ 221' - 225' 23 cf @ 186' - 218'																																																											

Field Name: ELK HILLS
Site Name: 02B
End Status: P&A
Status Date: 8/30/2023

Ground Level: 1,176.0ft
Datum: Original DF @ 1,182.00ft (default)
KB: 6.0ft
API-10: 0402927892

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 2,936.0ft
Spud Date/Time: 4/10/1945
BH Coord X: 6,123,791.75usft
BH Coord Y: 2,285,908.93usft

82-2B

Cement Depths-MD, TVD (ft)	Schematic(8/30/2023)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)					
6.0ft, 6.0ft (TOC)				0.0	0.0							
6.0ft, 6.0ft (TOC)				20" HOLE	7.0	26.0	7.0	26.0				
26.0ft, 26.0ft				15.5" HOLE	26.0	208.0	26.0	208.0				
208.0ft, 208.0ft				9.875" HOLE	208.0	2,880.0	208.0	2,880.0				
				7.625" HOLE	2,880.0	2,936.0	2,880.0	2,936.0				
				CONDUCTOR CASING Report Date: 4/1/1945 00:00								
				Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				CASING JOINT(S)	18.000				10.0	26.0	10.0	26.0
				SURFACE CASING Report Date: 4/10/1945 00:00								
				Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	J-55	40.50	8RD	9.0	208.0	9.0	208.0	
			PRODUCTION CASING Report Date: 4/24/1945 00:00									
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	H-40	20.00	8RD	7.0	2,880.0	7.0	2,880.0	
			LINER Report Date: 4/28/1945 00:00									
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			LINER HANGER	7.000	N-80	17.00	8RD	2,845.0	2,846.0	2845.0	2846.0	
			CASING JOINT(S)	5.500	N-80	17.00	8RD	2,846.0	2,880.0	2846.0	2880.0	
			SLOTTED LINER	5.500	N-80	17.00	8RD	2,880.0	2,935.0	2880.0	2935.0	
			FLOATSHOE	5.500				2,935.0	2,935.5	2935.0	2935.5	
			PLUGBACK Report date: 6/28/2023					Well: 82-2B S/T/R: 2/31S/23E				
			Component	Top MD	Btm MD	Top TVD	Btm TVD	CASING CEMENT DETAIL				
			CEMENT	0.0	25.0	0.0	25.0	Cond. Csg. Cmt Vol: 67 cf				
			PLUGBACK Report date: 6/25/2023					Hole Size: 20"				
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD	Casing Size: 18"				
			CEMENT	0.0	566.0	0.0	566.0	Top Job: No				
			PLUGBACK Report date: 6/24/2023					Rtns to Sfc: Yes (3 Bbls)				
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD	TOC: 6'				
			CEMENT	566.0	2,312.0	566.0	2312.0	Surface Csg. Cmt Vol: 345 cf				
			PLUGBACK Report date: 6/23/2023					Class 'C' Lead Cement				
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD	Yield: 1.15, Density: 0.0 ppg				
			CEMENT	2,312.0	2,909.0	2312.0	2909.0	Class 'C' Tail Cement				
								Yield: 1.15, Density: 0.0 ppg				
								Hole Size: 15.5"				
								Casing Size: 10.75"				
								Top Job: Yes, (115 cf)				
								Rtns to Sfc: Yes (9.5 Bbls)				
								TTOC: 6'				
								Prod Csg. Cmt Vol: 230 cf				
								Class 'C' Lead Cement				
								Yield: 1.15, Density: 0.0 ppg				
								Class 'C' Tail Cement				
								Yield: 1.15, Density: 0.0 ppg				
								Hole Size: 9.875"				
								Casing Size: 7"				
								Top Job: No				
								Rtns to Sfc: No				
								TTOC: 544' (Based on 04/17/2014 CBL)				
								Screen/Slotted Liner Cmt Vol: NA cf				
								Hole Size: NA				
								Casing Size: NA				
								Top Job: NA				
								Rtns to Sfc: NA				
								TTOC: NA				
								Cavity Shot: None				
								Junk: None				
								Volume Behind Pipe:				
								Assumed Yield: 1.15				
								Theoretical Calculations (TTOC)				
								B. Galindo				
								Date: 11/2022				
								Updated:				
								R. Aguilar				
								Date: 10/2023				
								P&A Details				
								Mud Volume: NA				
								Mud Weight: NA				
								Top of mud: NA				
								Cmnt Volume:				
								150cf @ 2312' - 2909'				
								400cf @ 566' - 2312'				
								150cf @ 0' - 566'				
								Top Job: 300 cf @ 0' - 25'				

2,661.0ft, 2,669.0ft, 6/21/1989, ABANDONED

2,734.0ft, 2,745.0ft, 3/1/2005, ABANDONED

2,756.0ft, 2,766.0ft, 6/21/1989, ABANDONED

2,865.0ft, 2,868.0ft, 4/28/1945, ABANDONED

2,880.0ft, 2,935.0ft, 4/28/1945, ABANDONED

Formation Name

MD(ft)

TVD(ft)

AMNICOLA

581.0

581.0

LOWER_TULARE

624.9

624.9

SAN JOAQUIN

1,144.2

1,144.2

82

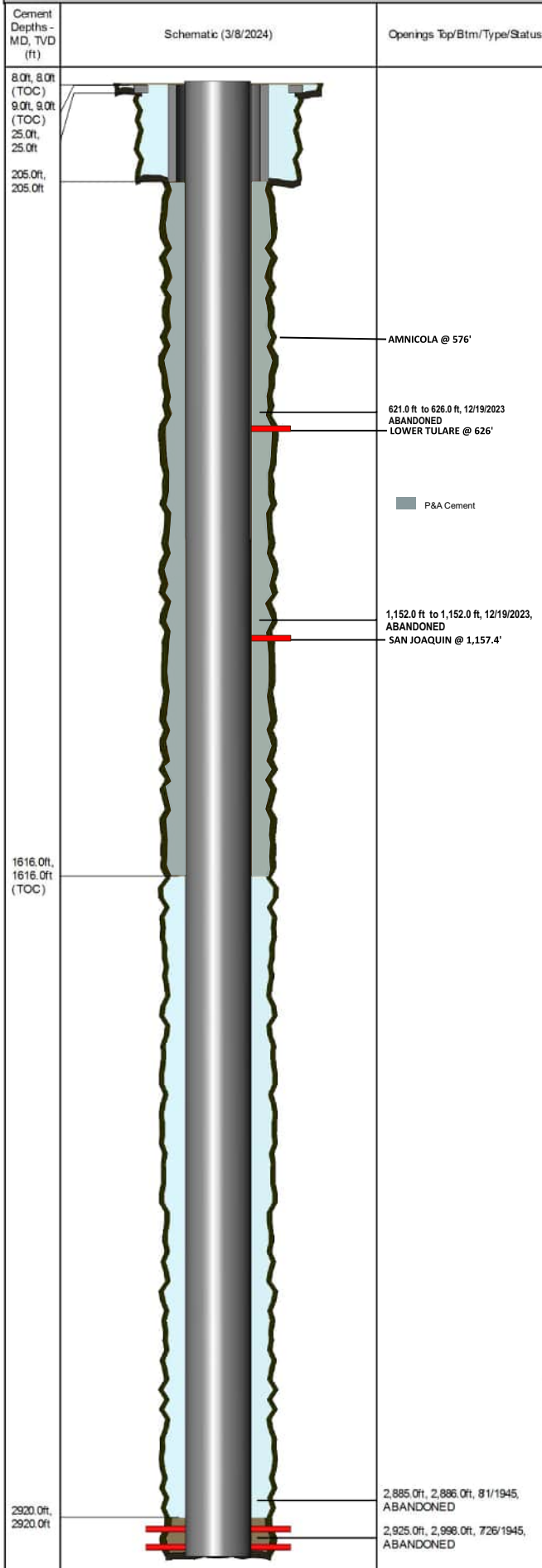
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P & A
 Status date: 3/8/2024

84-2B

Ground Level: 1,105.0ft
 Datum: Original DF @ 1,110.00ft (default)
 KB: 5.0ft
 API-10: 0402927893

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 3,000.0ft
 Spud Date: 7/12/1945
 BH Coord X: 6,123,714.75usft
 BH Coord Y: 2,284,570.93usft



Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
20" HOLE	5.0	25.0	5.0	25.0
15.5" HOLE	25.0	205.0	25.0	205.0
9.875" HOLE	205.0	3,000.0	205.0	3,000.0

CONDUCTOR CASING				Report Date: 7/12/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	18.000				9.0	25.0	9.0

SURFACE CASING				Report Date: 7/19/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	10.750	J-55	40.50	8RD	8.0	205.0	8.0

PRODUCTION CASING				Report Date: 7/26/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	7.000	H-40	20.00	8RD	6.0	2,925.0	6.0
SLOTTED LINER	7.000	J-55	20.00	8RD	2,925.0	2,998.0	2,925.0

PLUG BACK			
Component	Top MD	Btm MD	Top TVD
CEMENT	1.0	2,998.0	1.0

TUBING STRING			
Component	Top MD(ft)	Btm MD(ft)	Top TVD
TH-SGL	5.0	5.7	5.0

Formation Name	MD (ft)	TVD (ft)
AMNICOLA	576.4	576.4
LOWER TULARE	626.0	626.0
SANJOAQUIN	1,157.4	1,157.4

Well: 84-2B S/T/R: 2/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: 61 cf
 Hole Size: 20"
 Casing Size: 18"
 Top Job: No
 Rtns to Sfc: Unknown
 TOC: 5'

Surface Csg. Cmt Vol: 236 cf
 Class 'C' Lead Cement: 236 cf
 Yield: 1.18, Density: 0.0 ppg.
 Class 'C' Tail Cement: 0 cf
 Yield: 0.0, Density: 0.0 ppg.
 Hole Size: 15.5"
 Casing Size: 10.75"
 Top Job: No
 Rtns to Sfc: Yes (22 cf)
 TTOC: 5'

Prod Csg. Cmt Vol: 354 cf
 Class 'C' Lead Cement: 236 cf
 Yield: 1.18 Density: 0.0 ppg.
 Class 'C' Tail Cement: 118 cf
 Yield: 1.18, Density: 0.0 ppg.
 Hole Size: 9.875"
 Casing Size: 7"
 Top Job: No
 Rtns to Sfc: No
 TTOC: 1616'

Screen/Slotted Liner Cmt Vol: NA
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TTOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:

Assumed Yield: 1.15
 Theoretical Calculations (TTOC)

R. Aguilar
 Date: 04/2024

P&A Mud & Cement Details

Mud Volume: NA
 Mud Weight: NA
 Top of Mud: NA

Cement: 163 cf @ 2310' - 2987'
 344 cf @ 874' - 2310'
 150 cf @ 343' - 898'
 Top of Cement: 115 cf @ 0' - 388'
 Top Job: 50 cf @ 0' - 25'

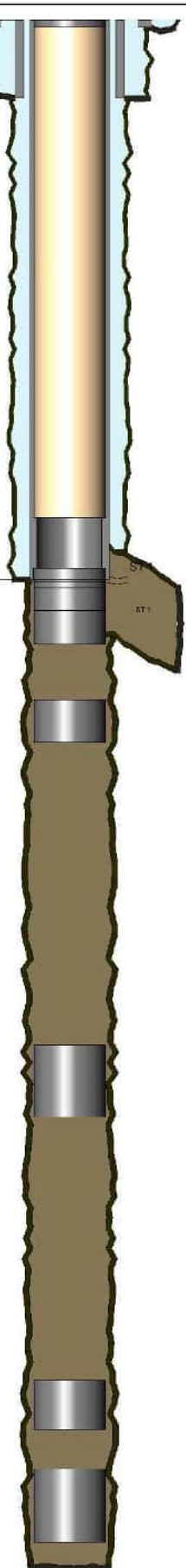
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: PERM ABAND
 Status date: 3/2/2005

384-2B

Ground Level: 1,104.0ft
 Datum: Original DF @ 1,113.00ft (default)
 KB: 9.0ft
 API-10: 0402952732

Wellbore: ORIGINAL HOLE
 PBMD: 3,646.0ft
 Btm TMD: 9,930.0ft
 Spud Date/Time: 2/15/1975
 BH Coord X: 6,123,398.75usft
 BH Coord Y: 2,284,536.21usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
9.0ft, 9.0ft (TOC)			24" Hole	9.0	58.0	9.0	58.0				
9.0ft, 9.0ft (TOC)			17.5" Hole	58.0	510.0	58.0	510.0				
9.0ft, 9.0ft (TOC)			12.25" Hole	510.0	3,595.0	510.0	3,594.8				
58.0ft, 58.0ft			8.75" Hole	3,595.0	9,930.0	3,594.8	9,919.4				
510.0ft, 510.0ft			CONDUCTOR CASING Report Date: 2/14/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	20.000	H-40	92.00		9.0	58.0	9.0	58.0
			SURFACE CASING Report Date: 2/16/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	13.375	K-55	54.50		9.0	510.0	9.0	510.0
			INTERMEDIATE CASING Report Date: 2/21/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	9.625	K-55	40.00		9.0	3,595.0	9.0	3594.8
			PLUG BACK							Well: 384-2B S/T/R: 2/31S/23E	
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	9.0	55.0	9.0	55.0	-----			
			MUD	55.0	3,197.0	55.0	3196.8	Cond. Csg. Cmt Vol: Unknown			
			PLUG BACK							Hole Size: 24"	
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 20"			
			CEMENT	3,520.0	3,595.0	3519.8	3594.8	Top Job: No			
			CEMENT	3,595.0	3,608.0	3594.8	3607.8	Rtns to Sfc: Unknown			
			PLUG BACK							TOC: 9'	
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----			
			CEMENT	3,608.0	3,652.0	3607.8	3651.8	Surface Csg. Cmt Vol: 564 cf			
			PLUG BACK							Class 'G' Lead Cement: 414 cf	
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 12 ppg.			
			CEMENT	3,646.0	3,792.0	3645.8	3791.7	Class 'G' Tail Cement: 150 cf			
			PLUG BACK							Yield: 1.15, Density: NA ppg.	
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 17.5"			
			CEMENT	3,646.0	3,792.0	3645.8	3791.7	Casing Size: 13.375"			
			PLUG BACK							Top Job: No	
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: Yes (11 Bbls)			
			CEMENT	3,795.0	4,006.0	3794.7	4005.7	TTOC: 9'			
			PLUG BACK							-----	
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Prod Csg. Cmt Vol: 1805 cf			
			CEMENT	4,363.0	4,636.0	4362.6	4635.5	Class 'G' Lead Cement: 1577 cf			
			PLUG BACK							Yield: 1.15, Density: NA ppg.	
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Tail Cement: 228 cf			
			CEMENT	4,363.0	4,636.0	4362.6	4635.5	Yield: 1.15, Density: NA ppg.			
			PLUG BACK							Hole Size: 12.25"	
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 9.625"			
			CEMENT	6,576.0	7,034.0	6574.9	7032.4	Top Job: No			
	PLUG BACK							Rtns to Sfc: Yes (119 Bbls)			
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: 9'					
	CEMENT	8,720.0	9,037.0	8714.8	9029.9	-----					
	PLUG BACK							Screen/Slotted Liner Cmt Vol: NA			
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: NA					
	CEMENT	9,288.0	9,759.0	9279.5	9748.8	Casing Size: NA					
	PLUG BACK							Top Job: NA			
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: NA					
	CEMENT	9,288.0	9,759.0	9279.5	9748.8	TTOC: NA					
	PLUG BACK							-----			
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Cavity Shot: None					
	CEMENT	9,288.0	9,759.0	9279.5	9748.8	Junk: None					
	PLUG BACK							-----			
	Volume Behind Pipe:							R. Aguilar			
	Assumed Yield: 1.15							Date: 11/2022			
	Theoretical Calculations (TTOC)							-----			
	Formation Name MD(ft) TVD(ft)							P&A Mud & Cement Details			
	AMNICOLA 591.9 591.9							-----			
	LOWER TULARE 643.3 643.3							Mud Volume: NA			
	SAN JOAQUIN 1,175.2 1,175.2							Mud Weight: NA			
								Top of Mud: NA			
								Cement: 208 cf @ 9288' - 9750'			
								146 cf @ 8720' - 9037'			
								250 cf @ 6576' - 7033'			
								130 cf @ 4363' - 4635'			
								130 cf @ 3795' - 4008'			
								141 cf @ 3646' - 3790'			
								KOP: @ 6813'			

84

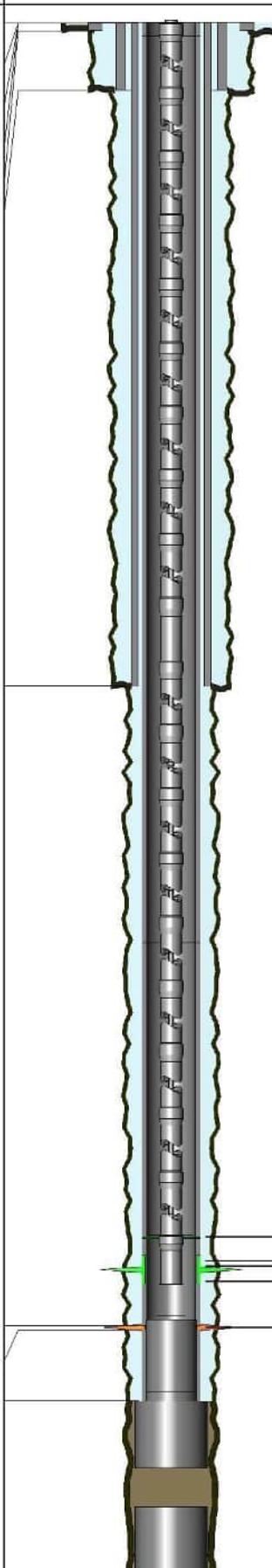
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 11/2/2016

342-2B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,161.00ft (WELACO WLU)(default)
 KB: 12.0ft
 API-10: 0402954278

Wellbore: ORIGINAL HOLE
 PBMD: 6,634.0ft
 Btm TMD: 8,000.0ft
 Spud Date/Time: 12/3/1976
 BH Coord X: 6,120,935.45usft
 BH Coord Y: 2,286,173.63usft

Cement Depths - MD, TVD (ft)	Schematic (11/2/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)							
12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 53.0ft, 53.0ft 356.0ft, 356.0ft			24" Hole	12.0	53.0	12.0	53.0							
			17.5" Hole	53.0	358.0	53.0	358.0							
			12.25" Hole	358.0	3,400.0	358.0	3,399.9							
			8.75" Hole	3,400.0	8,000.0	3,399.9	7,990.3							
			CONDUCTOR CASING Report Date: 10/15/1976 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
			CASING JOINT(S)	20.000				12.0	53.0	12.0	53.0			
			SURFACE CASING Report Date: 12/4/1976 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
			CASING JOINT(S)	13.375	K-55	54.50		12.0	356.0	12.0	356.0			
			INTERMEDIATE CASING Report Date: 12/9/1976 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
			CASING JOINT(S)	9.625	K-55	40.00		12.0	3,400.0	12.0	3399.9			
			PRODUCTION CASING Report Date: 1/3/1977 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
			CASING JOINT(S)	7.000	K-55	26.00		12.0	81.0	12.0	81.0			
			CASING JOINT(S)	7.000	K-55	23.00		81.0	4,709.0	81.0	4708.7			
			CASING JOINT(S)	7.000	K-55	23.00		4,709.0	5,341.0	4708.7	5340.2			
			CASING JOINT(S)	7.000	K-55	26.00		5,341.0	7,050.0	5340.2	7046.3			
3400.0ft, 3399.9ft			TUBING STRING					Well: 342-2B	S/T/R: 2/31S/23E					
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL						
			TH-DBB	12.0	12.7	12.0	12.7	Cond. Csg. Cmt Vol: 62 cf						
			FATNIP	12.7	13.4	12.7	13.4	Hole Size: 24"						
			TB GJNT	13.4	6,199.2	13.4	6197.5	Casing Size: 20"						
			AC	6,199.2	6,201.6	6197.5	6199.9	Top Job: No						
			TB GJNT	6,201.6	6,449.7	6199.9	6447.3	Rtns to Sfc: Yes (Unknown)						
			STNIP	6,449.7	6,450.8	6447.3	6448.4	TOC: 12'						
			PUP JNT	6,450.8	6,454.9	6448.4	6452.5	Surface Csg. Cmt Vol: 322 cf						
			STCOLL	6,454.9	6,455.4	6452.5	6452.9	Class 'G' Lead Cement: 172 cf						
			MECHANICAL ITEM					Yield: 1.15, Density: 0.00 ppg.						
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Tail Cement: 150 cf						
			FISH	6,611.0	6,614.0	6608.2	6611.2	Yield: 1.15 Density: 0.00 ppg.						
			PLUG BACK					Hole Size: 17.5"						
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 13.375"						
			CEMENT	6,634.0	7,000.0	6631.2	6996.5	Top Job: No						
			PLUG BACK					Rtns to Sfc: Yes (4 Bbls)						
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: 12'						
			CEMENT	7,000.0	7,050.0	6996.5	7046.3	Inter Csg. Cmt Vol: 1704 cf						
			CEMENT	7,050.0	7,100.0	7046.3	7096.1	Class 'G' Lead Cement: 1474 cf						
			PLUG BACK					Yield: 1.15, Density: 0.00 ppg.						
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Tail Cement: 230 cf						
			CEMENT	7,100.0	7,392.0	7096.1	7396.6	Yield: 1.15, Density: 0.00 ppg.						
			PLUG BACK					Hole Size: 12.25"						
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 9.625"						
			CEMENT	7,392.0	7,409.7	7396.6	7409.7	Top Job: No						
			PLUG BACK					Rtns to Sfc: Yes (50 Bbls)						
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: 12'						
			CEMENT	7,409.7	8,000.0	7584.3	7990.3	Prod Csg. Cmt Vol: 2150 cf						
			ROD STRING					Class 'G' Lead Cement: 1950 cf						
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 0.00 ppg.						
			POL ROD	0.0	36.0	0.0	36.0	Class 'G' Tail Cement: 200 cf						
			PNY ROD	36.0	52.0	36.0	52.0	Yield: 1.15, Density: 0.00 ppg.						
			R-4PER	52.0	2,122.0	52.0	2122.0	Hole Size: 8.75"						
			ROD	2,122.0	4,342.0	2122.0	4341.8	Casing Size: 7"						
			R-4PER	4,342.0	6,412.0	4341.8	6409.7	Top Job: No						
			STB3P	6,412.0	6,416.0	6409.7	6413.7	Rtns to Sfc: Yes (18 Bbls)						
			NSPMP	6,416.0	6,446.0	6413.7	6443.6	TTOC: 12'						
			Formation Name					Volume Behind Pipe:						
			AMNICOLA	562.3	562.3			Assumed Yield: 1.15						
			LOWER_TULARE	607.1	607.1			Theoretical Calculations (TTOC)						
			SANJOAQUIN	1,121.8	1,121.8			R. Aguilar						
			85					Date: 11/2022						

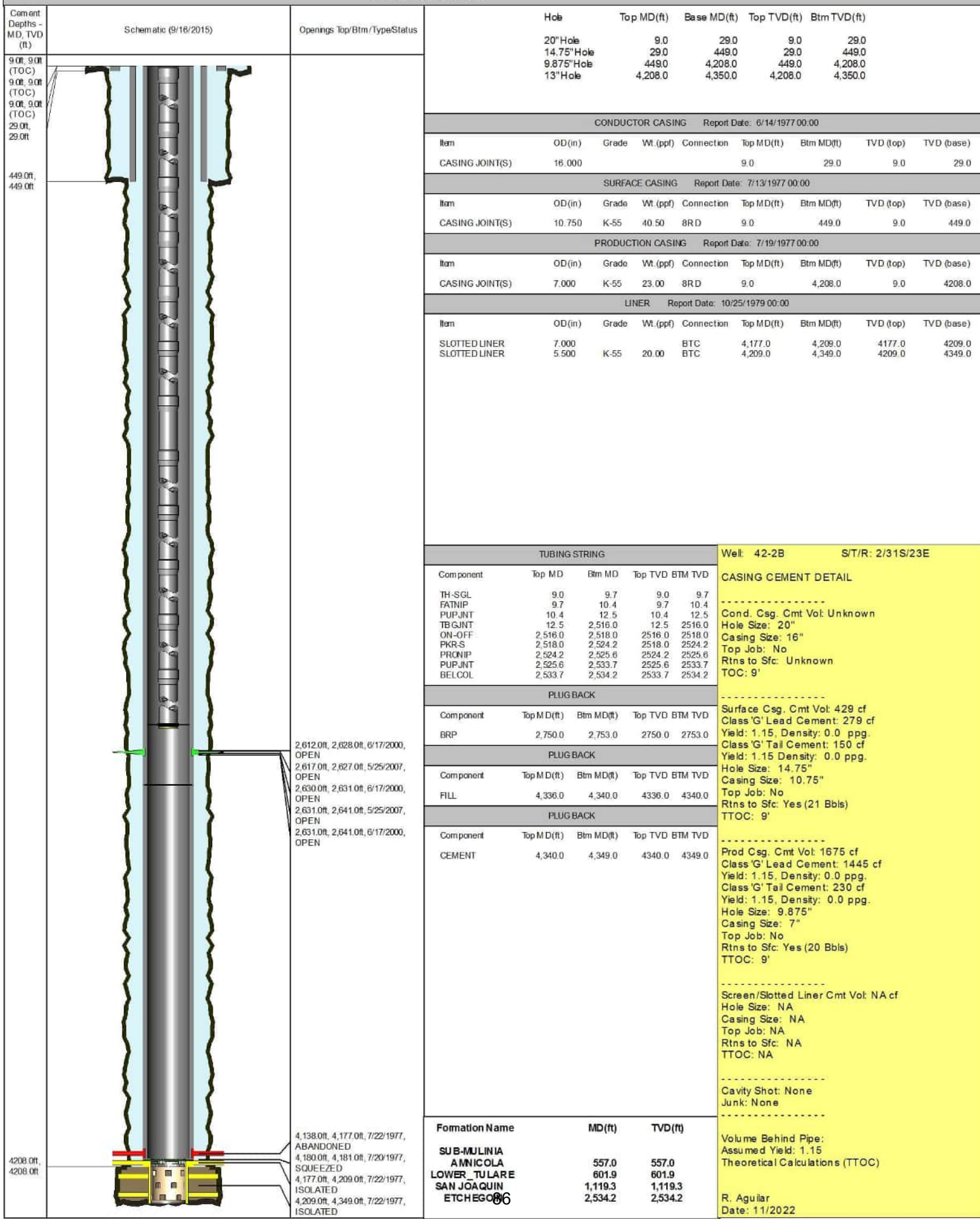
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 9/16/2015

42-2B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,158.00ft (default)
 KB: 9.0ft
 API-10: 0402955674

Wellbore: ORIGINAL HOLE
 PBMD: 2,750.0ft
 Btm TMD: 4,350.0ft
 Spud Date/Time: 7/12/1977
 BH Coord X: 6,121,009.76usft
 BH Coord Y: 2,286,026.93usft



2,612.0ft, 2,628.0ft, 6/17/2000, OPEN
 2,617.0ft, 2,627.0ft, 5/25/2007, OPEN
 2,630.0ft, 2,631.0ft, 6/17/2000, OPEN
 2,631.0ft, 2,641.0ft, 5/25/2007, OPEN
 2,631.0ft, 2,641.0ft, 6/17/2000, OPEN

4,138.0ft, 4,177.0ft, 7/22/1977, ABANDONED
 4,180.0ft, 4,181.0ft, 7/20/1977, SQUEEZED
 4,177.0ft, 4,209.0ft, 7/22/1977, ISOLATED
 4,209.0ft, 4,349.0ft, 7/22/1977, ISOLATED

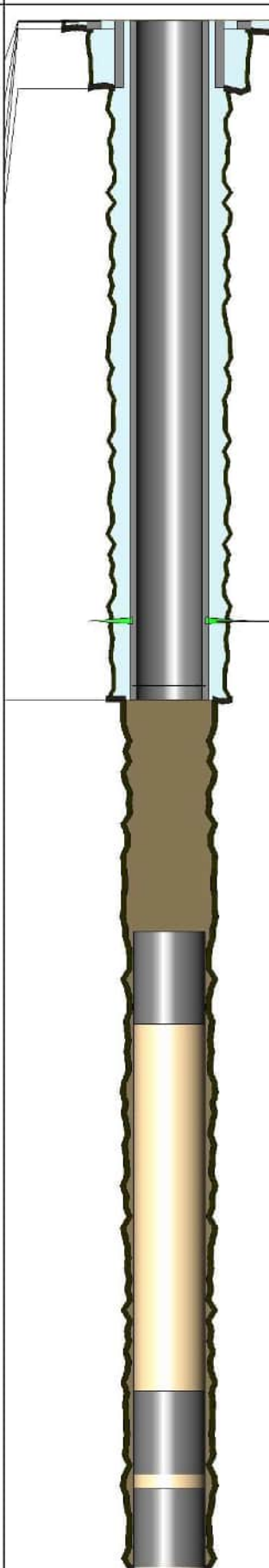
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 End date: 10/15/2005

3-22-2B

Ground Level: 1,142.0ft
 Datum: Original DF @ 1,157.00ft (KEY 0446)(default)
 KB: 15.0ft
 API-10: 0402956062

Wellbore: ORIGINAL HOLE
 PBMD: 3,384.0ft
 Btm TMD: 6,819.0ft
 Spud Date/Time: 9/26/1977
 BH Coord X: 6,119,822.86usft
 BH Coord Y: 2,286,359.13usft

Cement Depths - MD, TVD (ft)	Schematic (10/15/2005)	Openings Top/Btm/Type/Status	Hole	Top MD (ft)	Base MD (ft)	Top TVD (ft)	Btm TVD (ft)				
18.0ft. 19.5ft (TOC) 19.0ft. 20.5ft (TOC) 22.0ft. 23.5ft (TOC) 56.0ft. 57.5ft 315.0ft. 316.3ft			24"Hole	15.0	56.0						
			17.5"Hole	56.0	315.0						
			12.25"Hole	315.0	3,000.0						
			8.75"Hole	3,000.0	6,819.0	6,790.9					
CONDUCTOR CASING Report Date: 8/2/1977 00:00											
Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD (ft)	Btm MD (ft)	TVD (top)	TVD (base)			
CASING JOINT(S)	20.000	H-40	94.00	STC	22.0	56.0	23.5	57.5			
SURFACE CASING Report Date: 9/27/1977 00:00											
Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD (ft)	Btm MD (ft)	TVD (top)	TVD (base)			
CASING JOINT(S)	13.375	K-55	54.50	STC	19.0	315.0	20.5	316.3			
PRODUCTION CASING Report Date: 10/1/1977 00:00											
Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD (ft)	Btm MD (ft)	TVD (top)	TVD (base)			
CASING JOINT(S)	9.625	K-55	40.50		18.0	3,000.0	19.5	2999.3			
PLUG BACK											
Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 3-22-2B S/T/R: 2/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 24" Casing Size: 20" Top Job: No Rtns to Sfc: Unknown TOC: 15'						
CEMENT	2,937.0	2,940.0	2936.4	2939.4							
BP-PRM	2,940.0	2,943.0	2939.4	2942.4							
PLUG BACK											
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 333 cf Class 'G' Lead Cement: 183 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 150 cf Yield: 1.15, Density: 0.0 ppg. Hole Size: 17.5" Casing Size: 13.375" Top Job: No Rtns to Sfc: Yes (2 Bbls) TTOC: 15'						
CEMENT	4,020.0	4,425.0	4006.8	4406.2							
PLUG BACK											
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Prod Csg. Cmt Vol: 1520 cf Class 'G' Lead Cement: 1290 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 230 cf Yield: 1.15, Density: 0.0 ppg. Hole Size: 12.25" Casing Size: 9.625" Top Job: No Rtns to Sfc: Yes (49 Bbls) TTOC: 15'						
MUD	4,425.0	6,040.0	4406.2	6012.1							
PLUG BACK											
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Screen/Slotted Liner Cmt Vol: NA Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA Cavity Shot: None Junk: None Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) R. Aguilar Date: 11/2022						
CEMENT	6,040.0	6,405.0	6012.1	6376.9							
PLUG BACK											
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	P&A Mud & Cement Details ----- Mud Volume: NA Mud Weight: NA Top of Mud: NA Cement: 225 cf @ 6468' - 6810' 165 cf @ 6040' - 6405' 165 cf @ 4020' - 4425' KOP: @ 3381'						
MUD	6,405.0	6,468.0	6376.9	6439.8							
PLUG BACK											
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Formation Name						
CEMENT	6,468.0	6,810.0	6439.8	6781.8							
PLUG BACK											
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD							
MUD	6,810.0	6,819.0	6781.8	6790.8							
SMULN					MD (ft)						
AMNICOLA											
LOWER TULARE											
SAN JOAQUIN											
ETCHEGOIN											
MONTEREY					TVD (ft)						

87

2,640.0ft, 2,670.0ft, 8/6/1999,
 OPEN

3000.0ft,
 2999.3ft

Attachment A

Exhibit A-10 – Well Construction Details for Wells Located Within and Adjacent to ¼-Mile Radius Area of Review

**WELL CONSTRUCTION DETAILS
FOR WELLS LOCATED IN
SECTION 1B**

Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 7/15/1950

Ground Level: 1,172.1ft
Datum: Original KB @ 1,177.10ft (default)
KB: 5.0ft
API-10: 0402927876

Wellbore: ORIGINAL HOLE
PBMD: 5.0ft
Btm TMD: 2,730.0ft
Spud Date/Time: 8/21/1923
BH Coord X: 6,129,427.24usft
BH Coord Y: 2,286,514.43usft

1-1B

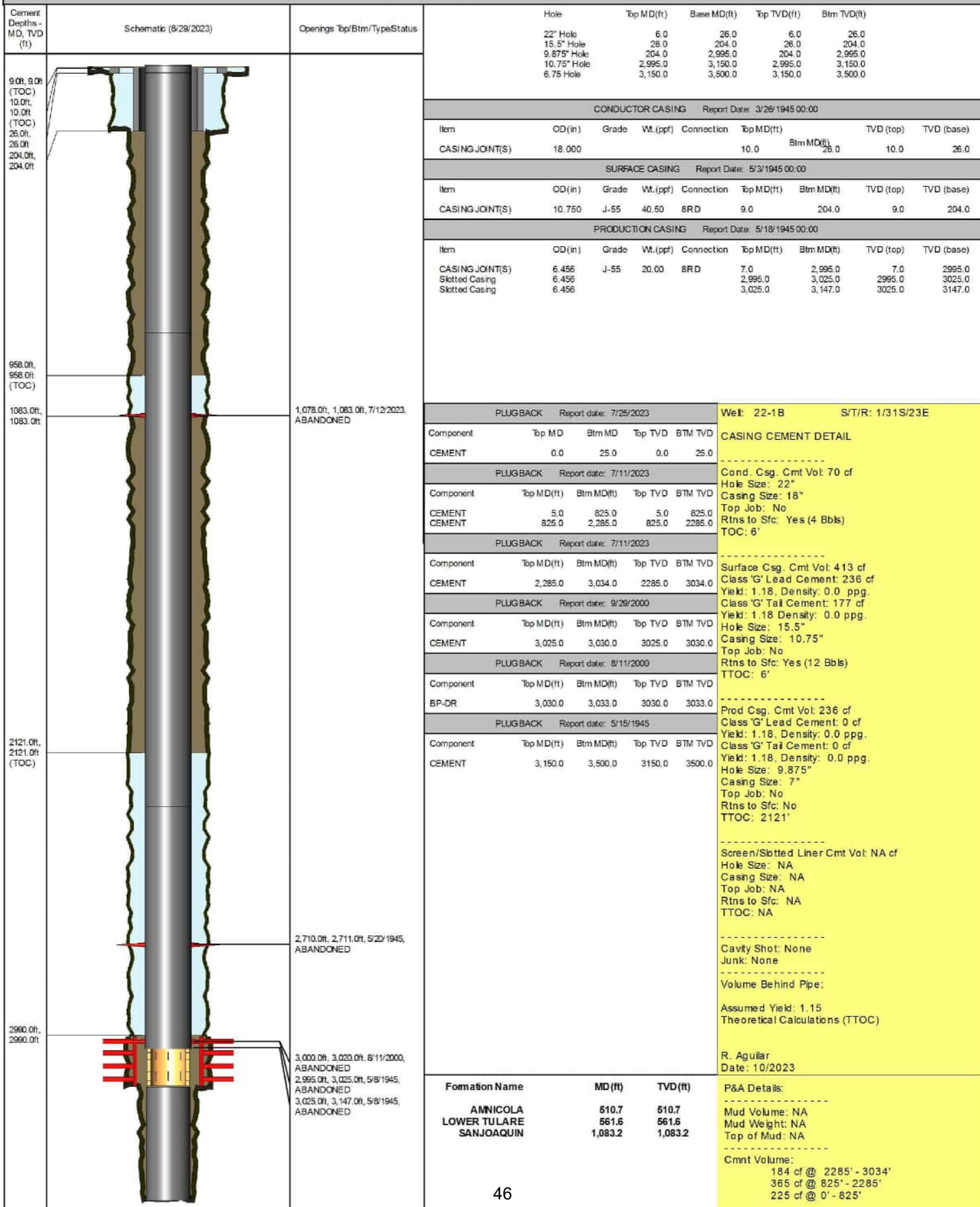
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 8/29/2023

22-1B

Ground Level: 1,115.0ft
 Datum: Original DF @ 1,121.00ft (default)
 KB: 6.0ft
 API-10: 0402927878

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 3,500.0ft
 Spud Date/Time: 5/3/1945
 BH Coord X: 6,125,054.25usft
 BH Coord Y: 2,285,905.93usft



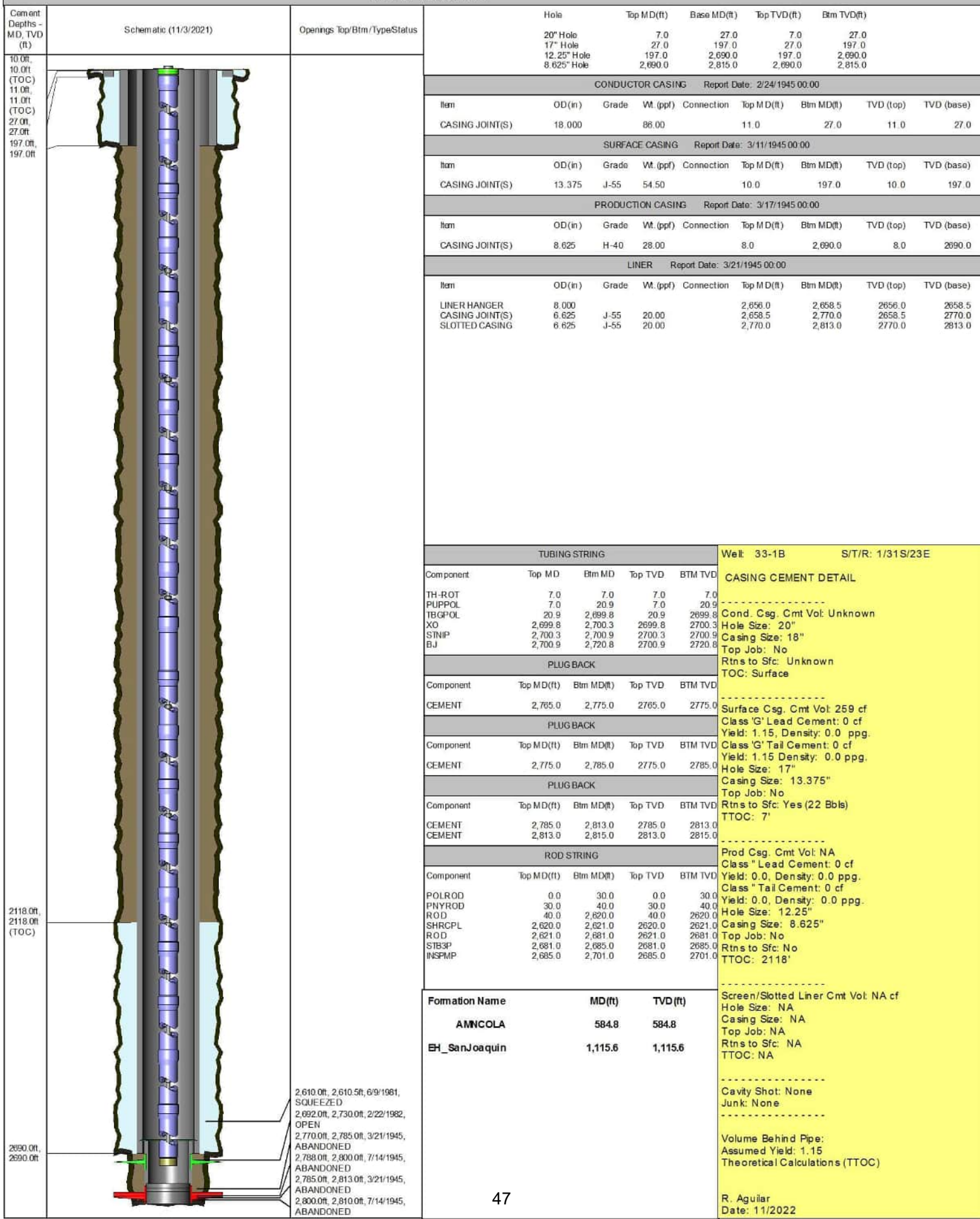
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/3/2021

33-1B

Ground Level: 1,102.0ft
 Datum: Original KB @ 1,109.00ft (default)
 KB: 7.0ft
 API-10: 0402927879

Wellbore: ORIGINAL HOLE
 PBMD: 2,784.0ft
 Btm TMD: 2,815.0ft
 Spud Date/Time: 3/11/1945
 BH Coord X: 6,125,784.25usft
 BH Coord Y: 2,285,220.93usft



Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
20" Hole	7.0	27.0	7.0	27.0
17" Hole	27.0	197.0	27.0	197.0
12.25" Hole	197.0	2,690.0	197.0	2,690.0
8.625" Hole	2,690.0	2,815.0	2,690.0	2,815.0

CONDUCTOR CASING Report Date: 2/24/1945 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	18.000		86.00		11.0	27.0	11.0	27.0

SURFACE CASING Report Date: 3/11/1945 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	13.375	J-55	54.50		10.0	197.0	10.0	197.0

PRODUCTION CASING Report Date: 3/17/1945 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	8.625	H-40	28.00		8.0	2,690.0	8.0	2,690.0

LINER Report Date: 3/21/1945 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
LINER HANGER	8.000				2,656.0	2,658.5	2,656.0	2,658.5
CASING JOINT(S)	6.625	J-55	20.00		2,658.5	2,770.0	2,658.5	2,770.0
SLOTTED CASING	6.625	J-55	20.00		2,770.0	2,813.0	2,770.0	2,813.0

TUBING STRING

Component	Top MD	Btm MD	Top TVD	BTM TVD
TH-ROT	7.0	7.0	7.0	7.0
PUPPOL	7.0	20.9	7.0	20.9
TBGPOL	20.9	2,699.8	20.9	2,699.8
XO	2,699.8	2,700.3	2,699.8	2,700.3
STNIP	2,700.3	2,700.9	2,700.3	2,700.9
BJ	2,700.9	2,720.8	2,700.9	2,720.8

PLUG BACK

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
CEMENT	2,765.0	2,775.0	2,765.0	2,775.0

PLUG BACK

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
CEMENT	2,775.0	2,785.0	2,775.0	2,785.0

PLUG BACK

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
CEMENT	2,785.0	2,813.0	2,785.0	2,813.0
CEMENT	2,813.0	2,815.0	2,813.0	2,815.0

ROD STRING

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
POLROD	0.0	30.0	0.0	30.0
PNYROD	30.0	40.0	30.0	40.0
ROD	40.0	2,620.0	40.0	2,620.0
SHRCPL	2,620.0	2,621.0	2,620.0	2,621.0
ROD	2,621.0	2,681.0	2,621.0	2,681.0
STB3P	2,681.0	2,685.0	2,681.0	2,685.0
INSPMP	2,685.0	2,701.0	2,685.0	2,701.0

Formation Name	MD(ft)	TVD(ft)
AMNCOLA	584.8	584.8
BH_SanJoaquin	1,115.6	1,115.6

Well: 33-1B S/T/R: 1/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: Unknown
 Hole Size: 20"
 Casing Size: 18"
 Top Job: No
 Rtns to Sfc: Unknown
 TOC: Surface

Surface Csg. Cmt Vol: 259 cf
 Class 'G' Lead Cement: 0 cf
 Yield: 1.15, Density: 0.0 ppg.
 Class 'G' Tail Cement: 0 cf
 Yield: 1.15 Density: 0.0 ppg.
 Hole Size: 17"
 Casing Size: 13.375"
 Top Job: No
 Rtns to Sfc: Yes (22 Bbls)
 TTOC: 7'

Prod Csg. Cmt Vol: NA
 Class " Lead Cement: 0 cf
 Yield: 0.0, Density: 0.0 ppg.
 Class " Tail Cement: 0 cf
 Yield: 0.0, Density: 0.0 ppg.
 Hole Size: 12.25"
 Casing Size: 8.625"
 Top Job: No
 Rtns to Sfc: No
 TTOC: 2118'

Screen/Slotted Liner Cmt Vol: NA cf
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TTOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:
 Assumed Yield: 1.15
 Theoretical Calculations (TTOC)

R. Aguilar
 Date: 11/2022

2,610.0ft, 2,610.5ft, 6/9/1981,
 SQUEEZED
 2,692.0ft, 2,730.0ft, 2/22/1982,
 OPEN
 2,770.0ft, 2,785.0ft, 3/21/1945,
 ABANDONED
 2,788.0ft, 2,800.0ft, 7/14/1945,
 ABANDONED
 2,785.0ft, 2,813.0ft, 3/21/1945,
 ABANDONED
 2,800.0ft, 2,810.0ft, 7/14/1945,
 ABANDONED

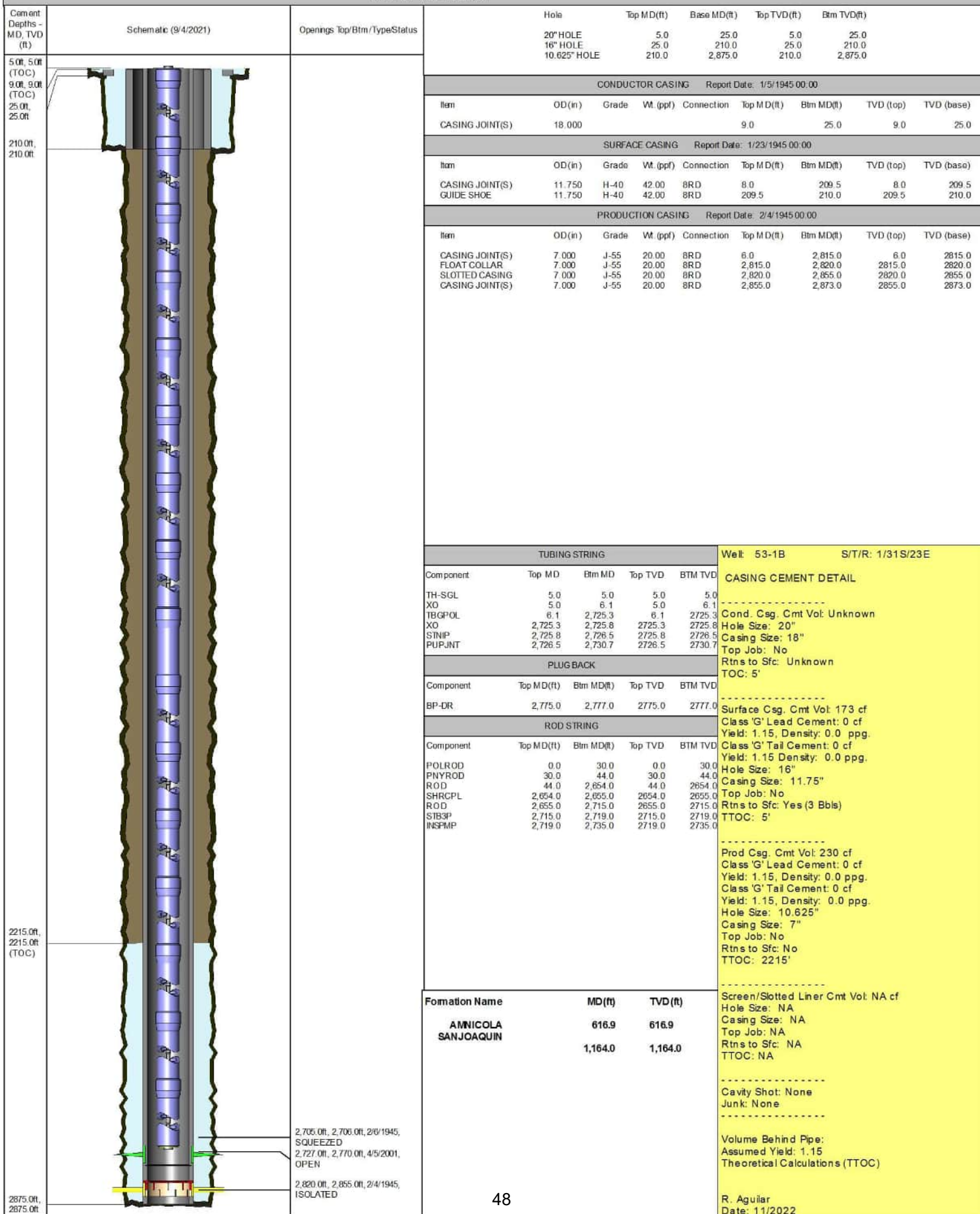
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/4/2021

53-1B

Ground Level: 1,178.0ft
 Datum: Original KB @ 1,183.00ft (default)
 KB: 5.0ft
 API-10: 0402927881

Wellbore: ORIGINAL HOLE
 PBMD: 2,775.0ft
 Btm TMD: 2,875.0ft
 Spud Date/Time: 1/22/1945
 BH Coord X: 6,127,053.75usft
 BH Coord Y: 2,285,199.43usft

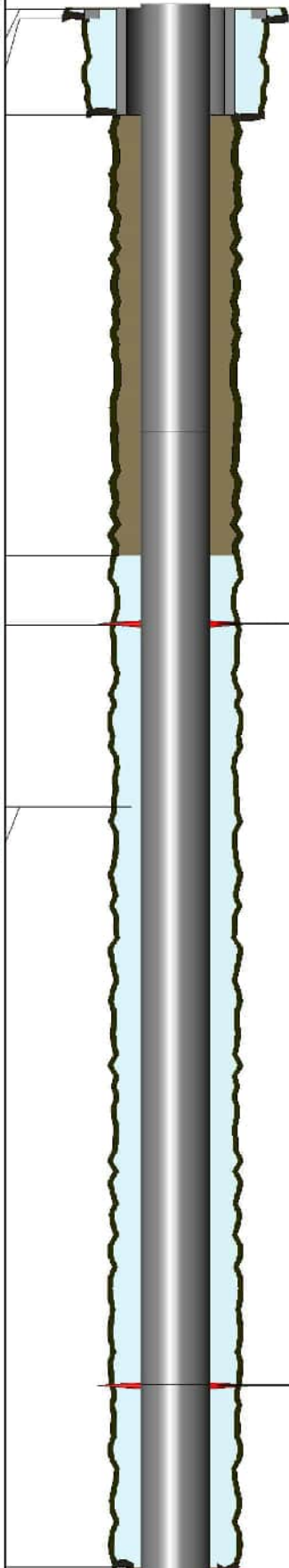


Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 8/29/2023

Ground Level: 1,116.0ft
Datum: Original KB @ 1,121.00ft (default)
KB: 5.0ft
API-10: 0402927888

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 2,763.0ft
Spud Date/Time: 5/12/1952
BH Coord X: 6,125,116.25usft
BH Coord Y: 2,285,960.93usft

222-1B

Cement Depths - MD, TVD (ft)	Schematic (5/29/2023)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
8.0ft, 8.0ft (TOC)			20" Hole	5.0	25.0	5.0	25.0				
9.0ft, 9.0ft (TOC)			16" Hole	25.0	192.0	25.0	192.0				
25.0ft, 25.0ft			10.625" Hole	192.0	2,713.0	192.0	2,713.0				
192.0ft, 192.0ft			7.625" Hole	2,713.0	2,763.0	2,713.0	2,763.0				
			CONDUCTOR CASING Report Date: 4/15/1952 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	18.000				9.0	25.0	9.0	25.0
			SURFACE CASING Report Date: 5/13/1952 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	11.750	H-40	42.00	STC	8.0	192.0	8.0	192.0
		PRODUCTION CASING Report Date: 5/18/1952 00:00									
		Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
		CASING JOINT(S)	7.000	J-55	20.00	STC	6.0	2,713.0	6.0	2713.0	
		LINER Report Date: 5/20/1952 00:00									
		Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
		CASING JOINT(S)	5.500	J-55	20.00	LTC	2,677.0	2,713.0	2677.0	2713.0	
		SLOTTED LINER	5.500	J-55	20.00	LTC	2,713.0	2,761.0	2713.0	2761.0	
		PLUGBACK Report date: 5/5/2023						Well: 222-1B S/T/R: 1/31S/23E			
		Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL				
		CEMENT	0.0	25.0	0.0	25.0	-----				
		PLUGBACK Report date: 5/4/2023						Cond. Csg. Cmt Vol: 48 cf			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 20"				
		CEMENT	0.0	741.0	0.0	741.0	Casing Size: 18"				
		PLUGBACK Report date: 5/3/2023						Top Job: No			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: Yes (3 Bbls)				
		CEMENT	741.0	2,396.0	741.0	2396.0	TOC: 5'				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 590 cf				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Class 'C' Lead Cement: 0 cf				
		PLUGBACK Report date: 5/2/2023						Yield: 1.18, Density: 0.0 ppg.			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Tail Cement: 0 cf				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Yield: 1.18 Density: 0.0 ppg.				
		PLUGBACK Report date: 5/2/2023						Hole Size: 16"			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 11.75"				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top Job: No				
		PLUGBACK Report date: 5/2/2023						Rtns to Sfc: Yes (22 Bbls)			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: 5'				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Prod Csg. Cmt Vol: 480 cf			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Lead Cement: 0 cf				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Yield: 1.15, Density: 0.0 ppg.				
		PLUGBACK Report date: 5/2/2023						Class 'C' Tail Cement: 0 cf			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 0.0 ppg.				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Hole Size: 9.875"				
		PLUGBACK Report date: 5/2/2023						Casing Size: 7"			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Rtns to Sfc: No				
		PLUGBACK Report date: 5/2/2023						TTOC: 1393'			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Screen/Slotted Liner Cmt Vol: NA cf				
		PLUGBACK Report date: 5/2/2023						Hole Size: NA			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: NA				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top Job: NA				
		PLUGBACK Report date: 5/2/2023						Rtns to Sfc: NA			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: NA				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Cavity Shot: None			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Junk: None				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Volume Behind Pipe:			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Assumed Yield: 1.15				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Theoretical Calculations (TTOC)				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	R. Aguilar				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Date: 10/2023				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	P&A Details				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Mud Volume: NA			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Mud Weight: NA				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top of Mud: NA				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Cmnt Volume:				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	113cf @ 2396' - 2743'				
		PLUGBACK Report date: 5/2/2023						420cf @ 741' - 2396'			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	240cf @ 0' - 741'				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top Job: 100 cf "G" @ 0' - 25'				

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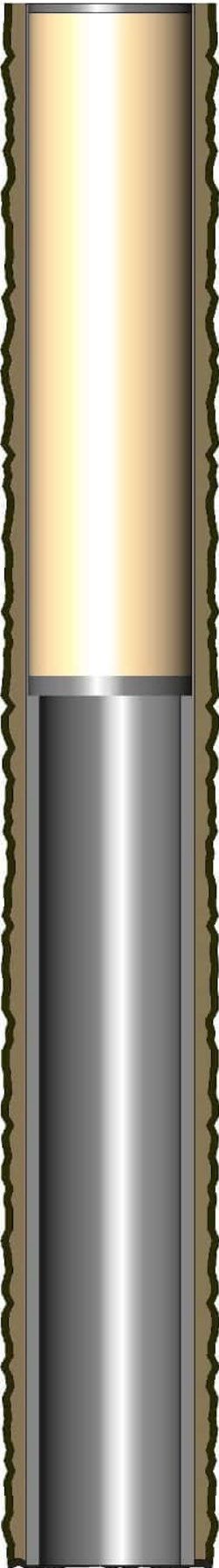
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 7/6/1934

1C-1B

Ground Level: 1,095.0ft
 Datum: Original KB @ 1,100.00ft (default)
 KB: 5.0ft
 API-10: 0402927889

Wellbore: ORIGINAL HOLE
 PBMD: 5.0ft
 Btm TMD: 2,763.0ft
 Spud Date/Time: 12/21/1921
 BH Coord X: 6,127,050.25usft
 BH Coord Y: 2,283,760.93usft

Cement Depths - MD, TVD (ft)	Schematic (7/6/1934)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)					
			18" Hole	5.0	795.0	5.0	795.0					
			SURFACE CASING Report Date: 12/21/1921 00:00									
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000				5.0	795.0	5.0	795.0	
										Well: 1C-1B S/T/R: 1/31S/23E		
			PLUG BACK				CASING CEMENT DETAIL					
			Component	Top MD	Btm MD	Top TVD	Btm TVD	-----				
			CEMENT	5.0	10.0	5.0	10.0	Cond. Csg. Cmt Vol: NA				
			MUD	10.0	345.0	10.0	345.0	Hole Size: 18"				
			CEMENT	345.0	355.0	345.0	355.0	Casing Size: 16"				
								Top Job: NA				
							Rtns to Sfc: NA					
							TOC: NA					

							Surface Csg. Cmt Vol: NA					
							Class " Lead Cement: NA cf					
							Yield: 0, Density: NA ppg.					
							Class " Tail Cement: NA cf					
							Yield: 0, Density: NA ppg.					
							Hole Size: NA					
							Casing Size: NA					
							Top Job: NA					
							Rtns to Sfc: NA					
							TTOC: NA					

							Prod Csg. Cmt Vol: NA					
							Class " Lead Cement: NA					
							Yield: 0, Density: NA ppg.					
							Class " Tail Cement: NA					
							Yield: 0, Density: NA ppg.					
							Hole Size: NA					
							Casing Size: NA					
							Top Job: NA					
							Rtns to Sfc: NA					
							TTOC: NA					

							Screen/Slotted Liner Cmt Vol: NA					
							Hole Size: NA					
							Casing Size: NA					
							Top Job: NA					
							Rtns to Sfc: NA					
							TTOC: NA					

							Cavity Shot: None					
							Junk: None					

							Volume Behind Pipe:					
							Assumed Yield: 1.15					
							Theoretical Calculations (TTOC)					

							R. Aguilar					
							Date: 11/2022					
							P&A Mud & Cement Details					

							Mud Volume: NA					
							Mud Weight: NA					
							Top of Mud: NA					
							Cement: 533 cf @ 345'					

							Top of Cement: 4 cf @ Surface'					

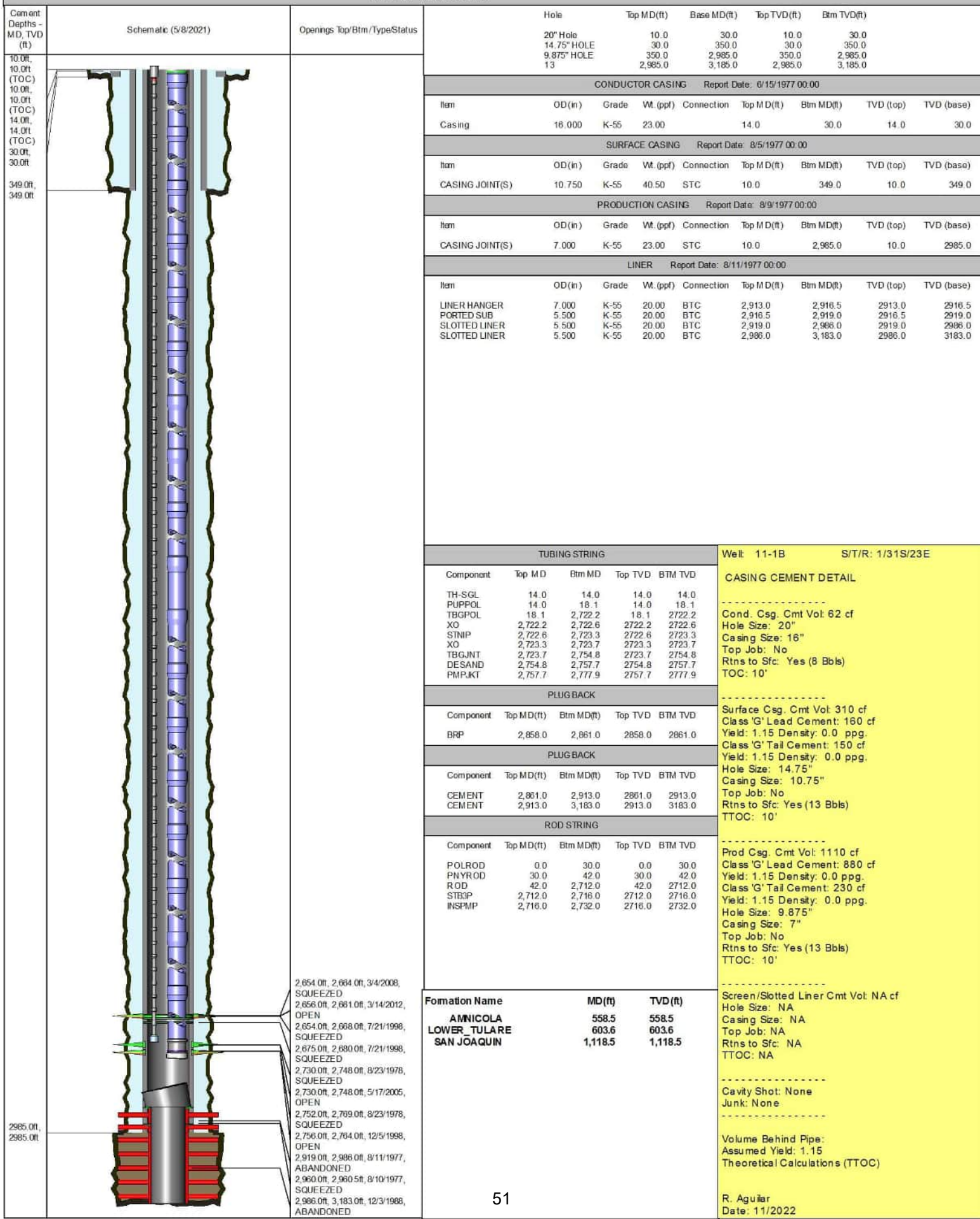
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/8/2021

11-1B

Ground Level: 1,184.0ft
 Datum: Original DF @ 1,194.00ft (default)
 KB: 10.0ft
 API-10: 0402955672

Wellbore: ORIGINAL HOLE
 PBMD: 2,858.0ft
 Btm TMD: 3,185.0ft
 Spud Date/Time: 8/4/1977
 BH Coord X: 6,124,385.75usft
 BH Coord Y: 2,286,532.93usft



Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
20" Hole	10.0	30.0	10.0	30.0
14.75" HOLE	30.0	350.0	30.0	350.0
9.875" HOLE	350.0	2,985.0	350.0	2,985.0
13	2,985.0	3,185.0	2,985.0	3,185.0

CONDUCTOR CASING Report Date: 6/15/1977 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing	16.000	K-55	23.00		14.0	30.0	14.0	30.0

SURFACE CASING Report Date: 8/5/1977 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	10.750	K-55	40.50	STC	10.0	349.0	10.0	349.0

PRODUCTION CASING Report Date: 8/9/1977 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	7.000	K-55	23.00	STC	10.0	2,985.0	10.0	2985.0

LINER Report Date: 8/11/1977 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
LINER HANGER	7.000	K-55	20.00	BTC	2,913.0	2,916.5	2913.0	2916.5
PORTED SUB	5.500	K-55	20.00	BTC	2,916.5	2,919.0	2916.5	2919.0
SLOTTED LINER	5.500	K-55	20.00	BTC	2,919.0	2,966.0	2919.0	2966.0
SLOTTED LINER	5.500	K-55	20.00	BTC	2,966.0	3,183.0	2966.0	3183.0

TUBING STRING

Component	Top MD	Btm MD	Top TVD	BTM TVD
TH-SGL	14.0	14.0	14.0	14.0
PUPPOL	14.0	18.1	14.0	18.1
TBGPOL	18.1	2,722.2	18.1	2722.2
XO	2,722.2	2,722.6	2722.2	2722.6
STNIP	2,722.6	2,723.3	2722.6	2723.3
XO	2,723.3	2,723.7	2723.3	2723.7
TBGJNT	2,723.7	2,754.8	2723.7	2754.8
DESAND	2,754.8	2,757.7	2754.8	2757.7
PMP/KT	2,757.7	2,777.9	2757.7	2777.9

PLUG BACK

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
BRP	2,858.0	2,861.0	2858.0	2861.0

PLUG BACK

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
CEMENT	2,801.0	2,913.0	2801.0	2913.0
CEMENT	2,913.0	3,183.0	2913.0	3183.0

ROD STRING

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
POLROD	0.0	30.0	0.0	30.0
PNYROD	30.0	42.0	30.0	42.0
ROD	42.0	2,712.0	42.0	2712.0
STBQP	2,712.0	2,716.0	2712.0	2716.0
INSPMP	2,716.0	2,732.0	2716.0	2732.0

Well: 11-1B S/T/R: 1/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: 62 cf
 Hole Size: 20"
 Casing Size: 16"
 Top Job: No
 Rtns to Sfc: Yes (8 Bbls)
 TOC: 10'

Surface Csg. Cmt Vol: 310 cf
 Class 'G' Lead Cement: 160 cf
 Yield: 1.15 Density: 0.0 ppg.
 Class 'G' Tail Cement: 150 cf
 Yield: 1.15 Density: 0.0 ppg.
 Hole Size: 14.75"
 Casing Size: 10.75"
 Top Job: No
 Rtns to Sfc: Yes (13 Bbls)
 TIOC: 10'

Prod Csg. Cmt Vol: 1110 cf
 Class 'G' Lead Cement: 880 cf
 Yield: 1.15 Density: 0.0 ppg.
 Class 'G' Tail Cement: 230 cf
 Yield: 1.15 Density: 0.0 ppg.
 Hole Size: 9.875"
 Casing Size: 7"
 Top Job: No
 Rtns to Sfc: Yes (13 Bbls)
 TIOC: 10'

Screen/Slotted Liner Cmt Vol: NA cf
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TIOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:
 Assumed Yield: 1.15
 Theoretical Calculations (TIOC)

R. Aguilar
 Date: 11/2022

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 5/29/2019

13-1B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,159.00ft (default)
 KB: 10.0ft
 API-10: 0402955673

Wellbore: ORIGINAL HOLE
 PBMD: 680.0ft
 Btm TMD: 3,232.5ft
 Spud Date/Time: 11/8/1978
 BH Coord X: 6,124,379.74usft
 BH Coord Y: 2,285,340.37usft

Cement Depths - MD, TVD (ft)	Schematic (5/29/2019)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
10.0ft, 10.0ft (TOC)			20" HOLE	0.0	30.0		30.0				
10.0ft, 10.0ft (TOC)			14.75" HOLE	30.0	360.0	30.0	360.0				
10.0ft, 10.0ft (TOC)			9.875" HOLE	360.0	2,660.0	360.0	2,659.7				
30.0ft, 30.0ft (TOC)			7.875" HOLE	2,660.0	3,240.0	2,659.7	3,239.6				
91.0ft, 91.0ft (TOC)			CONDUCTOR CASING Report Date: 7/16/1978 00:00								
360.0ft, 360.0ft			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				10.0	30.0	10.0	30.0
			SURFACE CASING Report Date: 11/8/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	STC	10.0	360.0	10.0	360.0
			PRODUCTION CASING Report Date: 11/19/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00	STC	10.0	3,398.0	10.0	3397.6
680.0ft, 680.0ft			Date Type Remarks								
			TUBING STRING								
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 13-1B S/T/R: 1/31S/23E			
			TH-SGL	10.0	10.7	10.0	10.7	CASING CEMENT DETAIL			
			FATNIP	10.7	11.4	10.7	11.3	-----			
			TBGPOL	11.4	2,905.9	11.3	2905.5	Cond. Csg. Cmt Vol: Unknown			
			XO	2,905.9	2,906.3	2905.5	2906.0	Hole Size: 20"			
			STNIP	2,906.3	2,907.0	2906.0	2906.6	Casing Size: 16"			
			PMPJKT	2,907.0	2,927.0	2906.6	2926.6	Top Job: No			
			PLUGBACK						Rtns to Sfc: Unknown		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TOC: 10'			
			CEMENT	680.0	927.0	680.0	927.0	Surface Csg. Cmt Vol: 390 cf			
			PLUGBACK						Class 'G' Lead Cement: 240 cf		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: NA ppg.			
			CEMENT	2,792.0	3,218.0	2791.7	3217.6	Class 'G' Tail Cement: 150 cf			
			ROD STRING						Yield: 1.15, Density: NA ppg.		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 14.75"			
			POLROD	0.0	30.0	0.0	30.0	Casing Size: 10.75"			
			PNYROD	30.0	50.0	30.0	50.0	Top Job: No			
			ROD	50.0	2,900.0	50.0	2899.7	Rtns to Sfc: Yes (5 Bbls)			
			STB3P	2,900.0	2,904.0	2899.7	2903.7	TTOC: 10'			
			INSPMP	2,904.0	2,920.0	2903.7	2919.6	Prod Csg. Cmt Vol: NA			
									Class "Lead Cement: NA		
									Yield: , Density: NA ppg.		
									Class "Tail Cement: NA		
									Yield: , Density: NA ppg.		
									Hole Size: NA		
									Casing Size: NA		
									Top Job: NA		
									Rtns to Sfc: NA		
									TTOC: NA		
									Screen/Slotted Liner Cmt Vol: NA		
									Hole Size: NA		
									Casing Size: NA		
									Top Job: NA		
									Rtns to Sfc: NA		
									TTOC: NA		
									Cavity Shot: None		
									Junk: None		

									Volume Behind Pipe:		
									Assumed Yield: 1.15		
									Theoretical Calculations (TTOC)		
			Formation	Top MD(ft)	Base MD(ft)						
			AMNICOLA	646.5	646.5						
			SANJOAQUIN	1,174.5	1,174.6						
									R. Aguilar		
									Date: 11/2022		
									P&A Mud & Cement Details		

									Mud Volume: NA		
									Mud Weight: NA		
									Top of Mud: NA		
									Cement: 152 cf @ 2792' - 3218'		
									Top of Cement: 252 cf @ 680' - 927'		

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Field Name: ELKHILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 10/4/2016

21-1B

Ground Level: 1,180.0ft
Datum: Original DF @ 1,190.00ft (default)
KB: 10.0ft
API-10: 0402956092

Wellbore: ORIGINAL HOLE
PBMD: 3,073.0ft
Btm TMD: 3,175.0ft
Spud Date: 10/12/1977 00:00
BH Coord X: 6,125,062.25usft
BH Coord Y: 2,286,568.93usft

Borehole Section	Cement Depths - MD, TVD (ft)	Schematic (10/4/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
10.0ft, 10.0ft 30.0ft, 30.0ft	10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 30.0ft, 30.0ft			20" Hole	10.0	30.0	10.0	30.0				
				14.75" HOLE	30.0	337.0	30.0	337.0				
				9.875" HOLE	337.0	2,980.0	337.0	2,980.0				
				13" HOLE	2,980.0	3,075.0	2,980.0	3,075.0				
				7.875" HOLE	3,075.0	3,175.0	3,075.0	3,175.0				
				CONDUCTOR CASING Report Date: 10/11/1977 00:00								
				Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				CASING JOINT(S)	16.000				10.0	30.0	10.0	30.0
				SURFACE CASING Report Date: 10/12/1977 00:00								
				Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	STC	10.0	337.0	10.0	337.0	
			PRODUCTION CASING Report Date: 10/16/1977 00:00									
			Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	K-55	23.00	STC	9.0	2,980.0	9.0	2980.0	
			INNER LINER Report Date: 2/10/2006 00:00									
			Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			SEAL ADAPTER	5.563				2,700.6	2,701.6	2700.6	2701.6	
			LANDING NIPPLE	5.500				2,701.6	2,702.8	2701.6	2702.8	
			SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,702.8	2,742.3	2702.8	2742.3	
			SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,742.3	2,906.9	2742.3	2906.9	
			CROSSOVER	5.500	K-55		HYD 511	2,906.9	2,907.8	2906.9	2907.8	
			SLOTTED LINER	3.500	K-55	9.30	HYD 511	2,907.8	3,070.0	2907.8	3070.0	
			DRILL-IN SHOE	3.500			HYD 511	3,070.0	3,073.0	3070.0	3073.0	
			TUBING STRING						Well: 21-1B S/T/R: 1/31S/23E			
								TVD (top)	TVD (base)			
			TH-ROT	10.0	10.0	10.0	10.0					
			PUPPOL	10.0	12.1	10.0	12.1					
			TBGPOL	12.1	2,893.6	12.1	2,893.6					
			XO	2,893.6	2,894.1	2,893.6	2,894.1					
			STNIP	2,894.1	2,894.8	2,894.1	2,894.8					
			XO	2,894.8	2,895.3	2,894.8	2,895.3					
			PMPJKT	2,895.3	2,914.9	2,895.3	2,914.9					
			PLUGBACK						Casing Cement Detail			
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)					
			CEMENT	3,083.0	3,156.0	3083.0	3156.0					
			ROD STRING						Cond. Csg. Cmt Vol: 54cf			
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)					
			POLROD	0.0	30.0	0.0	30.0					
			PNYROD	30.0	34.0	30.0	34.0					
			ROD	34.0	1,744.0	34.0	1744.0					
			ROD	1,744.0	2,884.0	1744.0	2884.0					
			RSTBAR	2,884.0	2,888.0	2884.0	2888.0					
			INSPMP	2,888.0	2,900.0	2888.0	2900.0					
			2,702.8ft, 2,742.3ft, SLOTTED, 2/10/2006 00:00, OPEN						Surf. Csg. Cmt Vol: 300 cf			
			2,731.0ft, 2,755.0ft, PERFORATED, 1/9/2005 00:00, OPEN						Class 'G' Lead Cement 150 cf			
			2,731.0ft, 2,755.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			2,761.0ft, 2,770.0ft, PERFORATED, 1/9/2005 00:00, OPEN						Class 'G' Tail Cement 150 cf			
			2,761.0ft, 2,770.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			2,742.3ft, 2,906.9ft, SLOTTED, 2/10/2006 00:00, OPEN						Hole Size: 14.75"			
			2,930.0ft, 2,961.0ft, PERFORATED, 10/17/1977 00:00, SQUEEZED						Casing Size: 10.75"			
			2,907.8ft, 3,070.0ft, SLOTTED, 2/10/2006 00:00, OPEN						Top Job: No			
			2,990.0ft, 3,010.0ft, PERFORATED, 9/2/1998 00:00, OPEN						Rtns to Sfc: Yes (13 bbls)			
			2,990.0ft, 3,010.0ft, PERFORATED, 12/9/2005 00:00, OPEN						TOC: 10'			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/27/2004 00:00, OPEN						Prod. Csg. Cmt Vol: 1,080 cf			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Class 'G' Lead Cement 850 cf			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Class 'G' Tail Cement 230 cf			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Hole Size: 9.875"			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Casing Size: 7"			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Top Job: No			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Rtns to Sfc: Yes (7 bbls)			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						TOC: 10'			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Cavity Shot: None			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Junk: None			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Formation Markers: (MD/TVD)			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						USDW:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						BOFW:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						San Joaquin Formation:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Etchegoin Formation:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Reef Ridge Formation & Top Upper Confining Interval:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Monterey Formation, Base Upper Confining Interval & Top Injection Zone:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Base Injection Zone: NA			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Top Lower Confining Interval: NA			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Volume Behind Pipe:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Theoretical Calculations (ETOC)			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						E. Glauser			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Date: 09/2020			

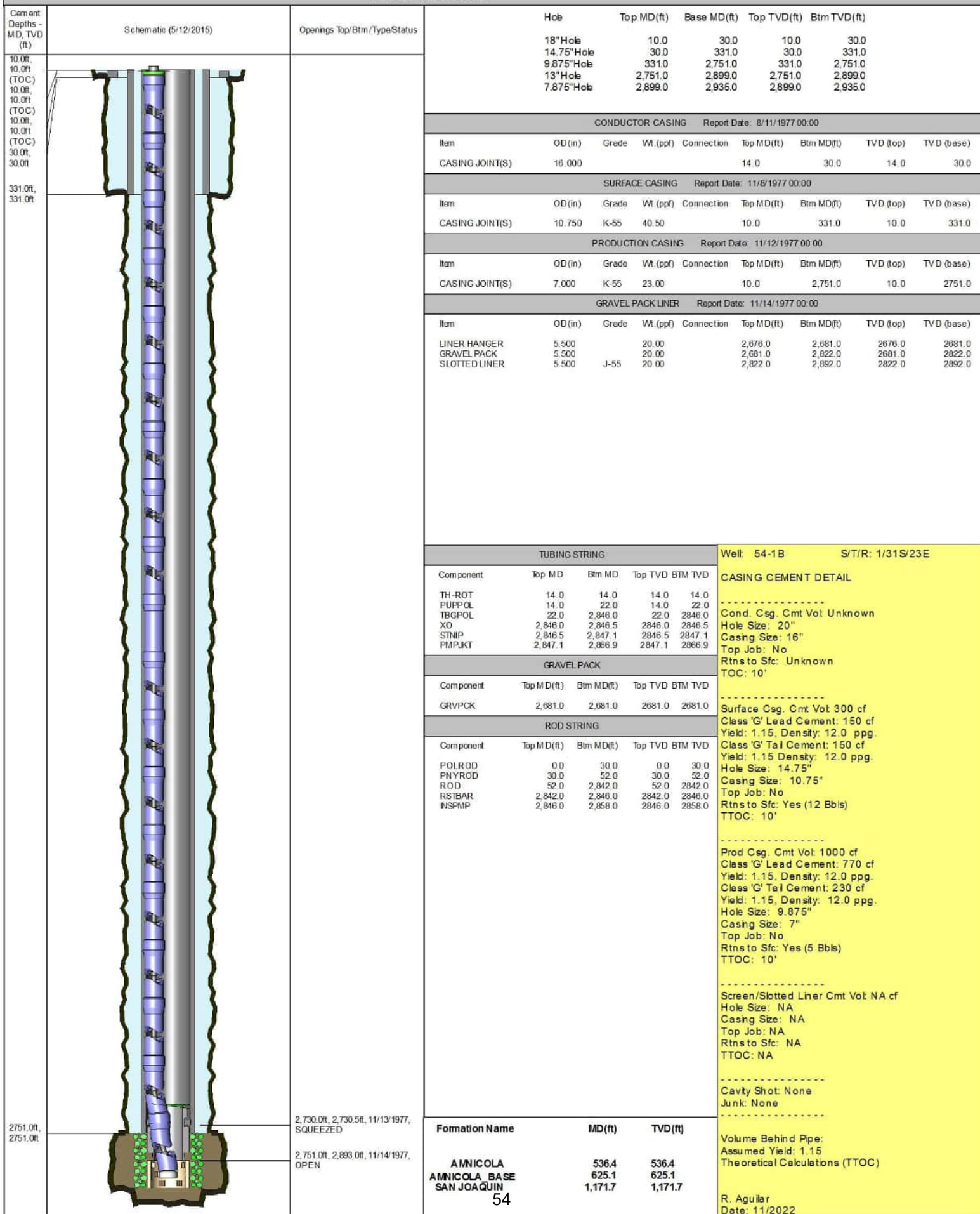
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/12/2015

54-1B

Ground Level: 1,126.0ft
 Datum: Original KB @ 1,136.00ft (default)
 KB: 10.0ft
 API-10: 0402956150

Wellbore: ORIGINAL HOLE
 PBMD: 2,935.0ft
 Btm TMD: 2,935.0ft
 Spud Date/Time: 11/8/1977
 BH Coord X: 6,127,104.25usft
 BH Coord Y: 2,284,591.93usft



2,730.0ft, 2,730.5ft, 11/13/1977, SQUEEZED

2,751.0ft, 2,893.0ft, 11/14/1977, OPEN

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 3/7/2014

43-1B

Ground Level: 1,135.0ft
 Datum: Original KB @ 1,144.00ft (default)
 KB: 9.0ft
 API-10: 0402957842

Wellbore: ORIGINAL HOLE
 PBMD: 2,828.0ft
 Btm TMD: 2,830.0ft
 Spud Date/Time: 6/14/1978
 BH Coord X: 6,126,464.25usft
 BH Coord Y: 2,285,230.93usft

Cement Depths - MD, TVD (ft)	Schematic (3/7/2014)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
9.0ft, 9.0ft (TOC)			18" Hole	9.0	29.0	9.0	29.0				
9.0ft, 9.0ft (TOC)			14.75" Hole	29.0	324.0	29.0	324.0				
13.0ft, 13.0ft (TOC)			9.875" Hole	324.0	2,720.0	324.0	2,720.0				
29.0ft, 29.0ft			13" Hole	2,720.0	2,830.0	2,720.0	2,830.0				
324.0ft, 324.0ft			CONDUCTOR CASING Report Date: 5/22/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				13.0	29.0	13.0	29.0
			SURFACE CASING Report Date: 6/14/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50		9.0	324.0	9.0	324.0
			PRODUCTION CASING Report Date: 6/18/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00		9.0	2,718.0	9.0	2718.0
			LINER Report Date: 6/20/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			LINER HANGER	6.300				2,650.0	2,655.0	2650.0	2655.0
			SLOTTED LINER	5.500	K-55	20.00		2,655.0	2,718.0	2655.0	2718.0
			SLOTTED LINER	5.500	K-55	20.00		2,718.0	2,828.0	2718.0	2828.0
			TUBING STRING								
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 43-1B S/T/R: 1/31S/23E			
			TH-ROT	9.0	9.0	9.0	9.0	CASING CEMENT DETAIL			
			FATNIP	9.0	9.7	9.0	9.7	-----			
			TBGPOL	9.7	2,772.3	9.7	2772.3	Cond. Csg. Cmt Vol: Unknown			
			XO	2,772.3	2,772.7	2772.3	2772.7	Hole Size: 18"			
			STNIP	2,772.7	2,773.6	2772.7	2773.6	Casing Size: 16"			
			PMPJKT	2,773.6	2,793.8	2773.6	2793.8	Top Job: No			
			ROD STRING					Rtns to Sfc: Unknown			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TOC: 9'			
			POLROD	0.0	30.0	0.0	30.0	-----			
			PNYROD	30.0	46.0	30.0	46.0	Surface Csg. Cmt Vol: 280 cf			
			ROD	46.0	2,776.0	46.0	2776.0	Class 'G' Lead Cement: 130 cf			
			RSTBAR	2,776.0	2,780.0	2776.0	2780.0	Yield: 1.15, Density: 0.0 ppg.			
			INSPMP	2,780.0	2,796.0	2780.0	2796.0	Class 'G' Tail Cement: 150 cf			
								Yield: 1.15 Density: 0.0 ppg.			
								Hole Size: 14.75"			
								Casing Size: 10.75"			
								Top Job: No			
								Rtns to Sfc: Yes (10 Bbls)			
								TTOC: 9'			

								Prod Csg. Cmt Vol: 950 cf			
								Class 'G' Lead Cement: 720 cf			
								Yield: 1.15, Density: 0.0 ppg.			
								Class 'G' Tail Cement: 230 cf			
								Yield: 1.15, Density: 0.0 ppg.			
								Hole Size: 9.875"			
								Casing Size: 7"			
								Top Job: No			
								Rtns to Sfc: Yes (14 Bbls)			
								TTOC: 9'			

								Screen/Slotted Liner Cmt Vol: NA cf			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			

								Cavity Shot: None			
								Junk: None			

								Volume Behind Pipe:			
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			

								R. Aguilar			
						Date: 11/2022					
2718.0ft, 2718.0ft			Formation Name	MD(ft)	TVD(ft)						
			AMNICOLA	511.6	511.6						
			LOWER_TULARE	588.6	588.6						
			SAN JOAQUIN	1,132.2	1,132.2						
		2,680.0ft, 2,680.5ft, 6/19/1978, SQUEEZED									
		2,718.0ft, 2,828.0ft, 6/20/1978, OPEN									

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CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: INACTIVE
 Status date: 9/27/2018

15-1B

Ground Level: 1,092.0ft
 Datum: Original DF @ 1,105.00ft (default)
 KB: 13.0ft
 API-10: 0402966850

Wellbore: ORIGINAL HOLE
 PBMD: 3,277.0ft
 Btm TMD: 3,330.0ft
 Spud Date/Time: 6/21/1982
 BH Coord X: 6,124,369.75usft
 BH Coord Y: 2,283,895.93usft

Cement Depths - MD, TVD (ft)	Schematic (9/27/2018)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
13.0ft, 13.0ft (TOC)			18" HOLE	13.0	33.0	13.0	33.0			
			14.75" HOLE	33.0	306.0	33.0	306.0			
			9.875" HOLE	306.0	3,330.0	306.0	3,330.0			
		CONDUCTOR CASING Report Date: 3/8/1982 00:00								
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	16.000		75.00		13.0	33.0	13.0	33.0
		SURFACE CASING Report Date: 6/23/1982 00:00								
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	10.750	H-40	40.50		13.0	303.0	13.0	303.0
		PRODUCTION CASING Report Date: 6/26/1982 00:00								
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	7.000	K-55	23.00		13.0	3,315.0	13.0	3315.0
303.0ft, 303.0ft			PLUGBACK					Well: 15-1B	S/T/R: 1/31S/23E	
		Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
		CEMENT	3,277.0	3,315.0	3277.0	3315.0	-----			
		CEMENT	3,315.0	3,330.0	3315.0	3330.0	Cond. Csg. Cmt Vol: 326 cf			
						Hole Size: 18"				
						Casing Size: 16"				
						Top Job: No				
						Rtns to Sfc: Yes (Unknown)				
						TOC: 13'				

						Surface Csg. Cmt Vol: 350 cf				
						Class 'G' Lead Cement: 200 cf				
				Yield: 1.3, Density: 0.0 ppg.						
				Class 'G' Tail Cement: 150 cf						
				Yield: 1.3 Density: 0.0 ppg.						
				Hole Size: 14.75"						
				Casing Size: 10.75"						
				Top Job: No						
				Rtns to Sfc: No						
				TTOC: 13'						

				Prod Csg. Cmt Vol: 1260 cf						
				Class 'G' Lead Cement: 1050 cf						
				Yield: 1.3, Density: 0.0 ppg.						
				Class 'G' Tail Cement: 210 cf						
				Yield: 1.3, Density: 0.0 ppg.						
				Hole Size: 9.875"						
				Casing Size: 7"						
				Top Job: No						
				Rtns to Sfc: Yes (18 Bbls)						
				TTOC: 13'						

				Formation Name	MD(ft)	TVD(ft)	Screen/Slotted Liner Cmt Vol: NA cf			
				AMNICOLA	610.6	610.6	Hole Size: NA			
				LOWER_TULARE	668.6	668.6	Casing Size: NA			
				SANJOAQUIN	1,209.0	1,209.0	Top Job: NA			
							Rtns to Sfc: NA			
							TTOC: NA			

							Cavity Shot: None			
							Junk: None			

							Volume Behind Pipe:			
							Assumed Yield: 1.15			
							Theoretical Calculations (TTOC)			

							R. Aguilar			
							Date: 11/2022			

3,004.0ft, 3,022.0ft, 4/27/1983, OPEN

3315.0ft, 3315.0ft

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3,004.0ft, 3,022.0ft, 4/27/1983,
 OPEN

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 3/2/2005

26-1B

Ground Level: 1,078.0ft
 Datum: Original DF @ 1,090.00ft (default)
 KB: 12.0ft
 API-10: 0402972052

Wellbore: ORIGINAL HOLE
 PBMD: 700.0ft
 Btm TMD: 3,250.0ft
 Spud Date/Time: 6/4/1984
 BH Coord X: 6,125,186.09usft
 BH Coord Y: 2,283,256.83usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
12.0ft, 12.0ft (TOC)			18" HOLE	12.0	32.0	12.0	32.0				
12.0ft, 12.0ft (TOC)			14.75" HOLE	32.0	317.0	32.0	316.9				
12.0ft, 12.0ft (TOC)			9.875" HOLE	317.0	3,000.0	316.9	2,999.1				
14.0ft, 14.0ft (TOC)			7.875" HOLE	3,000.0	3,250.0	2,999.1	3,249.1				
32.0ft, 32.0ft			CONDUCTOR CASING Report Date: 5/30/1984 00:00								
309.0ft, 309.0ft			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				16.0	32.0	16.0	32.0
			SURFACE CASING Report Date: 6/8/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	STC	12.0	309.0	12.0	309.0
			PRODUCTION CASING Report Date: 6/17/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00	STC	12.0	3,085.0	12.0	3084.1
			CASING JOINT(S)	7.000	K-55	23.00	STC	3,085.0	3,128.0	3084.1	3127.1
700.0ft, 700.0ft					Date Type Remarks						
			PLUG BACK					Well: 26-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	12.0	55.0	12.0	55.0	Cond. Csg. Cmt Vol: 78cf			
			MUD	55.0	2,901.0	55.0	2900.2	Hole Size: 18"			
			PLUG BACK					Casing Size: 16"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
			CEMENT	700.0	1,000.0	700.0	1000.0	Rtns to Sfc: Yes (32 Bbls)			
			PLUG BACK					TOC: 12'			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 364 cf			
			CEMENT	2,597.0	2,851.0	2596.4	2850.2	Class 'G' Lead Cement: 215 cf			
			CEMENT	2,851.0	3,000.0	2850.2	2999.1	Yield: 1.3, Density: NA ppg.			
			CEMENT	3,000.0	3,248.0	2999.1	3247.1	Class 'G' Tail Cement: 150 cf			
								Yield: 1.3, Density: NA ppg.			
								Hole Size: 14.75"			
								Casing Size: 10.75"			
								Top Job: No			
								Rtns to Sfc: Yes (9 Bbls)			
								TTOC: 13'			
			PLUG BACK					Prod Csg. Cmt Vol: NA			
								Class " Lead Cement: NA			
								Yield: , Density: NA ppg.			
								Class " Tail Cement: NA			
								Yield: , Density: NA ppg.			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
			PLUG BACK					Screen/Slotted Liner Cmt Vol: NA			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
			PLUG BACK					Cavity Shot: None			
								Junk: None			
			PLUG BACK					Volume Behind Pipe:			
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
			Formation Name	MD(ft)		TVD(ft)		R. Aguilar			
			AMNICOLA	682.7		682.7		Date: 11/2022			
			SANJOAQUIN	1,249.8		1,249.7		P&A Mud & Cement Details			

								Mud Volume: 109 cf @ 2841'			
								88 cf @ 2597'			
								Mud Weight: NA			
								Top of Mud: NA			
								Cement: 169 cf @ 2852' - 3248'			
								265 cf @ 2597' - 2851'			
								Top of Cement: 318 cf @ 700' - 1000'			

57

CALIFORNIA RESOURCES ELK HILLS, LLC

33NW-1B

Field Name: ELKHILLS
 Site Name: 01B
 End Status: ACTIVE
 Status date: 4/29/2016

Ground Level: 1,106.3ft
 Datum: Original KB @ 1,120.30ft (default)
 KB: 14.0ft
 API-10: 0403040999

Wellbore: ORIGINAL HOLE
 PBMD: 3,190.0ft
 Btm TMD: 3,237.0ft
 Spud Date: 6/22/2010 21:00
 BH Coord X: 6,125,128.87usft
 BH Coord Y: 2,285,433.17usft

Cement Depths - MD, TVD (ft)	Schematic (4/29/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC) 14.0ft, 14.0ft (TOC)			16" HOLE	14.0	54.0	14.0	54.0				
			14.5" HOLE	54.0	414.0	54.0	414.0				
			10.75" HOLE	414.0	3,237.0	414.0	3,174.2				
			CONDUCTOR CASING Report Date: 6/14/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000			14.0	54.0	14.0	54.0	
			SURFACE CASING Report Date: 6/23/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	358.1	14.0	358.1
			FLOAT COLLAR	10.750	J-55	40.50	STC	358.1	359.7	358.1	359.7
406.0ft, 406.0ft			CASING JOINT(S)	10.750	J-55	40.50	STC	359.7	404.9	359.7	404.9
			GUIDE SHOE	10.750	J-55	40.50	STC	404.9	406.0	404.9	406.0
			PRODUCTION CASING Report Date: 6/25/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,489.5	14.0	2453.1
			FLAG JOINT	7.000	K-55	23.00	LTC	2,489.5	2,509.4	2453.1	2472.2
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,509.4	2,665.7	2472.2	2622.6
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,665.7	3,188.7	2622.6	3127.5
			FLOAT COLLAR	7.000	K-55	23.00	LTC	3,188.7	3,190.3	3127.5	3129.0
			CASING JOINT(S)	7.000	K-55	23.00	LTC	3,190.3	3,230.8	3129.0	3168.3
			GUIDE SHOE	7.000	K-55	23.00	LTC	3,230.8	3,232.0	3168.3	3169.4
	TUBING STRING					Well: 33NW-1B S/T/R: 1/31S/23E					
						Casing Cement Detail					
						Cond. Csg. Cmt Vol: Unknown					
						Hole Size: 18"					
						Casing Size: 16"					
						Top Job: No					
						Rtns to Sfc: Yes					
						TOC: Surface					
						Surf. Csg. Cmt Vol: 532 cf					
						Class 'C' Lead Cement: 281 cf					
						Yield 2.18, Density: 12.4 ppg.					
						Class 'C' Tail Cement: 251 cf					
						Yield: 1.71, Density: 13.5 ppg.					
						Hole Size: 14.5"					
						Casing Size: 10.75"					
						Top Job: No					
						Rtns to Sfc: Yes (168 cf)					
						TOC: Surface					
						Prod. Csg. Cmt Vol: 1275 cf					
						Class 'C' Lead Cement: 1052 cf					
						Yield: 2.63, Density: 11.8 ppg.					
						Class 'C' Tail Cement: 223 cf					
						Yield: 1.47, Density: 13.5 ppg.					
						Hole Size: 10.75"					
						Casing Size: 7"					
						Top Job: No					
						Rtns to Sfc: Yes (168 cf)					
						ETOC: 14'					
						Screen/Slotted Liner Cmt Vol: NA					
						Hole Size: NA					
						Casing Size: NA					
						Top Job: NA					
						Rtns to Sfc: NA					
						ETOC: NA					
						Cavity Shot: None					
						Junk: None					
						Volume Behind Pipe:					
						Theoretical Calculations (ETOC)					
						Arturo Valencia					
						Date: 03/2022					
3237.0ft, 3174.2ft			Formation Name: MD:(ft) TVD:(ft)								

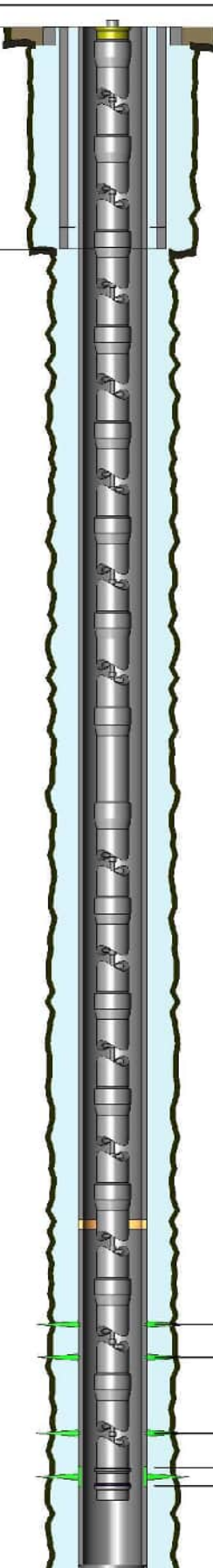
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/18/2017

45-1B

Ground Level: 1,048.5ft
 Datum: Original KB @ 1,062.50ft (default)
 KB: 14.0ft
 API-10: 0403041562

Wellbore: ORIGINAL HOLE
 PBMD: 3,290.0ft
 Btm TMD: 3,336.0ft
 Spud Date/Time: 11/5/2010
 BH Coord X: 6,126,332.14usft
 BH Coord Y: 2,283,919.51usft

Cement Depths - MD, TVD (ft)	Schematic (9/18/2017)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)																																																															
14.0ft, 14.0ft (TOC)			20"HOLE	14.0	54.0	14.0	54.0																																																															
14.0ft, 14.0ft (TOC)			14.75"HOLE	54.0	494.0	54.0	494.0																																																															
14.0ft, 14.0ft (TOC)			10.75"HOLE	494.0	3,336.0	494.0	3,335.8																																																															
CONDUCTOR CASING Report Date: 10/29/2010 00:00																																																																						
<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>14.000</td><td></td><td></td><td></td><td>14.0</td><td>54.0</td><td>14.0</td><td>54.0</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	14.000				14.0	54.0	14.0	54.0																																													
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																														
CASING JOINT(S)	14.000				14.0	54.0	14.0	54.0																																																														
488.0ft, 488.0ft	SURFACE CASING Report Date: 11/5/2010 00:00																																																																					
<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>14.0</td><td>440.1</td><td>14.0</td><td>440.1</td></tr><tr><td>FLOAT COLLAR</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>440.1</td><td>441.8</td><td>440.1</td><td>441.8</td></tr><tr><td>CASING JOINT(S)</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>441.8</td><td>486.9</td><td>441.8</td><td>486.9</td></tr><tr><td>GUIDE SHOE</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>486.9</td><td>488.0</td><td>486.9</td><td>488.0</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	440.1	14.0	440.1	FLOAT COLLAR	10.750	J-55	40.50	STC	440.1	441.8	440.1	441.8	CASING JOINT(S)	10.750	J-55	40.50	STC	441.8	486.9	441.8	486.9	GUIDE SHOE	10.750	J-55	40.50	STC	486.9	488.0	486.9	488.0																		
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																														
CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	440.1	14.0	440.1																																																														
FLOAT COLLAR	10.750	J-55	40.50	STC	440.1	441.8	440.1	441.8																																																														
CASING JOINT(S)	10.750	J-55	40.50	STC	441.8	486.9	441.8	486.9																																																														
GUIDE SHOE	10.750	J-55	40.50	STC	486.9	488.0	486.9	488.0																																																														
PRODUCTION CASING Report Date: 11/8/2010 00:00																																																																						
<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>14.0</td><td>2,554.3</td><td>14.0</td><td>2554.1</td></tr><tr><td>FLAG JOINT</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>2,554.3</td><td>2,575.3</td><td>2554.1</td><td>2575.1</td></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>2,575.3</td><td>3,290.5</td><td>2575.1</td><td>3290.2</td></tr><tr><td>FLOAT COLLAR</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,290.5</td><td>3,291.9</td><td>3290.2</td><td>3291.6</td></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,291.9</td><td>3,331.2</td><td>3291.6</td><td>3331.0</td></tr><tr><td>FLOAT SHOE</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,331.2</td><td>3,333.0</td><td>3331.0</td><td>3332.8</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,554.3	14.0	2554.1	FLAG JOINT	7.000	K-55	23.00	LTC	2,554.3	2,575.3	2554.1	2575.1	CASING JOINT(S)	7.000	K-55	23.00	LTC	2,575.3	3,290.5	2575.1	3290.2	FLOAT COLLAR	7.000	K-55	23.00	LTC	3,290.5	3,291.9	3290.2	3291.6	CASING JOINT(S)	7.000	K-55	23.00	LTC	3,291.9	3,331.2	3291.6	3331.0	FLOAT SHOE	7.000	K-55	23.00	LTC	3,331.2	3,333.0	3331.0	3332.8
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																														
CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,554.3	14.0	2554.1																																																														
FLAG JOINT	7.000	K-55	23.00	LTC	2,554.3	2,575.3	2554.1	2575.1																																																														
CASING JOINT(S)	7.000	K-55	23.00	LTC	2,575.3	3,290.5	2575.1	3290.2																																																														
FLOAT COLLAR	7.000	K-55	23.00	LTC	3,290.5	3,291.9	3290.2	3291.6																																																														
CASING JOINT(S)	7.000	K-55	23.00	LTC	3,291.9	3,331.2	3291.6	3331.0																																																														
FLOAT SHOE	7.000	K-55	23.00	LTC	3,331.2	3,333.0	3331.0	3332.8																																																														
TUBING STRING																																																																						
Well: 45-1B S/T/R: 1/31S/23E																																																																						
Casing Cement Detail																																																																						

Cond. Csg. Cmt Vol: Unknown																																																																						
Hole Size: 20"																																																																						
Casing Size: 16"																																																																						
Top Job: No																																																																						
Rtns to Sfc: Unknown																																																																						
TOC: 14'																																																																						

Surface. Csg. Cmt Vol: 517 cf																																																																						
Class 'C' Lead Cement: 348 cf																																																																						
Yield 2.18 , Density: 12.4 ppg.																																																																						
Class C Tail Cement: 169 cf																																																																						
Yield: 1.71 , Density: 13.5 ppg.																																																																						
Hole Size: 14.75"																																																																						
Casing Size: 10.75"																																																																						
Top Job: No																																																																						
Rtns to Sfc: Yes (49 Bbls)																																																																						
TOC: 14'																																																																						

Prod. Csg. Cmt Vol: 1334 cf																																																																						
Class 'C' Lead Cement: 1020 cf																																																																						
Yield: 2.63, Density: 11.8 ppg.																																																																						
Class 'C' Tail Cement: 314 cf																																																																						
Yield: 1.46, Density: 13.5 ppg.																																																																						
Hole Size: 10.75"																																																																						
Casing Size: 7"																																																																						
Top Job: No																																																																						
Rtns to Sfc: Yes (82 Bbls)																																																																						
ETOC: 14'																																																																						

Screen/Slotted Liner Cmt Vol: NA cf																																																																						
Hole Size: NA																																																																						
Casing Size: NA																																																																						
Top Job: NA																																																																						
Rtns to Sfc: NA																																																																						
TTOC: NA																																																																						

Cavity Shot: None																																																																						
Junk: None																																																																						

Volume Behind Pipe:																																																																						
Assumed Yield: 1.15																																																																						
Theoretical Calculations (TTOC)																																																																						

R. Aguilar																																																																						
Date: 11/2022																																																																						
Formation Name MD(ft) TVD(ft)																																																																						
AMNICOLA 550.0 550.0																																																																						
AMNICOLA_BASE 606.7 606.7																																																																						
SAN JOAQUIN 1,153.7 1,153.7																																																																						
59																																																																						

Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 10/5/2022

Ground Level: 1,136.7ft
Datum: Original DF @ 1,150.70ft (default)
KB: 14.0ft
API-10: 0403042510

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 2/20/2011
BH Coord X: 6,125,095.60usft
BH Coord Y: 2,284,634.56usft

24-1B

Cement Depths - MD, TVD (ft)	Schematic (10/5/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			18" HOLE	14.0	54.0	14.0	54.0				
14.0ft, 14.0ft (TOC)			14.5" HOLE	54.0	424.0	54.0	424.0				
			10.75" HOLE	424.0	3,357.0	424.0	3,337.8				
			CONDUCTOR CASING Report Date: 2/15/2011 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				14.0	54.0	14.0	54.0
			SURFACE CASING Report Date: 2/20/2011 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	J55	40.50	STC	14.0	370.1	14.0	370.1
			Float Collar	10.750	J55	40.50	STC	370.1	371.8	370.1	371.8
		CASING JOINT(S)	10.750	J55	40.50	STC	371.8	416.9	371.8	416.9	
		GUIDE SHOE	10.750	J55	40.50	STC	416.9	418.0	416.9	418.0	
		PRODUCTION CASING Report Date: 2/23/2011 00:00									
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
		CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,575.9	14.0	2562.2	
		FLAG JOINT	7.000	K-55	23.00	LTC	2,575.9	2,590.0	2562.2	2576.2	
		CASING JOINT(S)	7.000	K-55	23.00	LTC	2,590.0	3,311.2	2576.2	3292.3	
		Float Collar	7.000	K-55	23.00	LTC	3,311.2	3,312.6	3292.3	3293.7	
		CASING JOINT(S)	7.000	K-55	23.00	LTC	3,312.6	3,355.3	3293.7	3336.1	
		Float Shoe	7.000	K-55	23.00	LTC	3,355.3	3,357.0	3336.1	3337.8	
		Date	Type		Remarks						
		11/5/2013	Pump Design		Review for down-size nextpul. SBC						
		PLUG BACK					Well: 24-1B S/T/R: 1/31S/23E				
		Component	Top MD	Btm MD	Top TVD	Btm TVD	CASING CEMENT DETAIL				
		CEMENT	1.0	2,383.0	1.0	2370.8	Cond. Csg. Cmt Vol: Unknown				
		PLUG BACK					Hole Size: 18"				
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD	Casing Size: 16"				
		CEMENT	3,311.0	3,357.0	3292.1	3337.8	Top Job: No				
		Rtns to Sfc: Unknown					TOC: Unknown				
		Surface Csg. Cmt Vol: 443 cf					Class 'C' Lead Cement: 202 cf				
		Yield: 1.15, Density: 12.4 ppg.					Class 'C' Tail Cement: 241 cf				
		Yield: 1.15, Density: 13.5 ppg.					Hole Size: 14.75"				
		Casing Size: 10.75"					Top Job: No				
		Rtns to Sfc: Yes (15 Bbls)					TTOC: 14'				
		Prod Csg. Cmt Vol: 1354 cf					Class 'C' Lead Cement: 1042 cf				
		Yield: 1.15 Density: 11.8 ppg.					Class 'C' Tail Cement: 312 cf				
		Yield: 1.15, Density: 13.5 ppg.					Hole Size: 10.75"				
		Casing Size: 7"					Top Job: No				
		Rtns to Sfc: Yes (80 Bbls)					TTOC: 14'				
		Screen/Slotted Liner Cmt Vol: NA					Hole Size: NA				
		Casing Size: NA					Top Job: NA				
		Rtns to Sfc: NA					TTOC: NA				
		Cavity Shot: None					Junk: None				
		Volume Behind Pipe:					Assumed Yield: 1.15				
		Theoretical Calculations (TTOC)					R. Aguilar				
		Date: 11/2022					P&A Mud & Cement Details				
		Mud Volume: NA					Mud Weight: NA				
		Top of Mud: NA					Cement: 203 cf "G" @ 2383' - 3300'				
		377 cf "G" @ 880" - 2523'					Top of Cement: 225 cf "G" @ 0' - 880'				
		Formation Name	MD(ft)	TVD(ft)							
		AMNICOLA	624.0	623.9							
		LOWER_TULARE	676.7	676.5							
		SANJOAQUIN	1,218.9	1,214.9							

2,807.0ft, 2,809.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED, 2,815.0ft, 2,818.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED, 2,881.0ft, 2,884.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED, 2,905.0ft, 2,908.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED, 3,120.0ft, 3,122.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED, 3,147.0ft, 3,149.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED, 3,170.0ft, 3,172.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED, 3,195.0ft, 3,197.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED

3357.0ft, 3337.0ft

60

CALIFORNIA RESOURCES ELK HILLS, LLC

43SW-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/16/2017

Ground Level: 1,074.2ft
 Datum: Original DF @ 1,088.20ft (default)
 KB: 14.0ft
 API-10: 0403042511

Wellbore: ORIGINAL HOLE
 PBMD: 3,270.0ft
 Btm TMD: 3,322.0ft
 Spud Date: 2/16/2011 17:00
 BH Coord X: 6,126,165.10usft
 BH Coord Y: 2,284,838.17usft

Cement Depths - MD, TVD (ft)	Schematic (11/16/2017)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			18" Hole	14.0	54.0	14.0	54.0				
14.0ft, 14.0ft (TOC)			14.5" HOLE	54.0	412.0	54.0	412.0				
406.0ft, 406.0ft			10.75" HOLE	412.0	3,322.0	412.0	3,296.4				
			CONDUCTOR CASING Report Date: 2/14/2011 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000			14.0	54.0	14.0	54.0	
			SURFACE CASING Report Date: 2/17/2011 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	358.0	14.0	358.0
			Float Collar	10.750	J-55	40.50	STC	358.0	359.7	358.0	359.7
			CASING JOINT(S)	10.750	J-55	40.50	STC	359.7	404.8	359.7	404.8
			GUIDE SHOE	10.750	J-55	40.50	STC	404.8	406.0	404.8	406.0
		PRODUCTION CASING Report Date: 2/19/2011 00:00									
		Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
		CASING JOINT(S)	7.000	J-55	23.00	LTC	14.0	2,542.7	14.0	2,523.8	
		FLAG JOINT	7.000	J55	23.00	LTC	2,542.7	2,556.8	2,523.8	2,537.7	
		CASING JOINT(S)	7.000	J-55	23.00	LTC	2,556.8	3,274.2	2,537.7	3,249.0	
		Float Collar	7.000	J55	23.00	LTC	3,274.2	3,275.6	3,249.0	3,250.4	
		CASING JOINT(S)	7.000	J-55	23.00	LTC	3,275.6	3,318.3	3,250.4	3,292.7	
		Float Shoe	7.000	J55	23.00	LTC	3,318.3	3,320.0	3,292.7	3,294.4	
		TUBING STRING					Well: 43SW-1B S/T/R: 1/31S/23E				
			TVD (top)	TVD (base)	CASING CEMENT DETAIL						
		TH-ROT	14.0	14.0	14.0	14.0	Cond. Csg. Cmt Vol: Unknown				
		TBGJNT	14.0	3,111.5	14.0	3087.7	Hole Size: 18"				
		XO	3,111.5	3,112.0	3087.7	3088.1	Casing Size: 16"				
		STNIP	3,112.0	3,112.6	3088.1	3088.8	Top Job: No				
		TBGJNT	3,112.6	3,145.0	3088.8	3120.8	Rtns to Sfc: Yes				
		DESAND	3,145.0	3,147.9	3120.8	3123.8	TOC: Surface				
		TBGJNT	3,147.9	3,180.2	3123.8	3155.8					
		PLUGBACK									
		Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Surf. Csg. Cmt Vol: 437 cf				
		CEMENT	3,270.0	3,320.0	3244.8	3294.4	Class 'C' Lead Cement: 196 cf				
		CEMENT	3,320.0	3,322.0	3294.4	3296.4	Yield 2.18, Density: 12.4 ppg.				
		ROD STRING					Class 'C' Tail Cement: 241 cf				
		Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Yield: 1.71, Density: 13.5 ppg.				
		POLROD	0.0	30.0	0.0	30.0	Hole Size: 14.5"				
		PNYROD	30.0	40.0	30.0	40.0	Casing Size: 10.75"				
		ROD	40.0	3,100.0	40.0	3076.3	Top Job: No				
		STB3P	3,100.0	3,104.0	3076.3	3080.2	Rtns to Sfc: Yes (123 cf)				
		INSPMP	3,104.0	3,122.0	3080.2	3098.1	TOC: Surface				
							Prod. Csg. Cmt Vol: 1358 cf				
							Class 'C' Lead Cement: 1010 cf				
							Yield: 2.63, Density: 11.8 ppg.				
							Class 'C' Tail Cement: 348 cf				
							Yield: 1.47, Density: 13.5 ppg.				
							Hole Size: 10.75"				
							Casing Size: 7"				
							Top Job: No				
							Rtns to Sfc: Yes (297 cf)				
							ETOC: 14'				
							Screen/Slotted Liner Cmt Vol: NA				
							Hole Size: NA				
							Casing Size: NA				
							Top Job: NA				
							Rtns to Sfc: NA				
							TOC: NA				
							Cavity Shot: None				
							Junk: None				
							Volume Behind Pipe: Theoretical Calculations (ETOC)				
							A Valencia				
							Date: 04/2022				
							Formation Name: MD:(ft) TVD:(ft)				
							AMNICOLA 520.7 520.7				
							LOWER_TULARE 582.5 582.5				
							SAN JOAQUIN 1,117.4 1,114.3				
							Formation Name: MD:(ft) TVD:(ft)				
							AMNICOLA 520.7 520.7				
							LOWER_TULARE 582.5 582.5				
							SAN JOAQUIN 1,117.4 1,114.3				
							Formation Name: MD:(ft) TVD:(ft)				
							AMNICOLA 520.7 520.7				
							LOWER_TULARE 582.5 582.5				
							SAN JOAQUIN 1,117.4 1,114.3				
							Formation Name: MD:(ft) TVD:(ft)				
							AMNICOLA 520.7 520.7				
							LOWER_TULARE 582.5 582.5				
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							SAN JOAQUIN 1,117.4 1,114.3				
							Formation Name: MD:(ft) TVD:(ft)				
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							LOWER_TULARE 582.5 582.5				
							SAN JOAQUIN 1,117.4 1,114.3				
							Formation Name: MD:(ft) TVD:(ft)				
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							Formation Name: MD:(ft) TVD:(ft)				
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							SAN JOAQUIN 1,117.4 1,114.3				
							Formation Name: MD:(ft) TVD:(ft)				
							AMNICOLA 520.7 520.7				
							LOWER_TULARE 582.5 582.5				
		</									

Field Name: ELKHILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 11/30/2022

Ground Level: 1,097.2ft
Datum: Original DF @ 1,111.20ft (default)
KB: 14.0ft
API-10: 0403046157

Wellbore: ORIGINAL HOLE
PBMD: 3,016.0ft
Btm TMD: 3,074.0ft
Spud Date: 9/9/2012 18:30
BH Coord X: 6,126,614.73usft
BH Coord Y: 2,284,709.50usft

53SW-1B

Cement Depths - MD, TVD (ft)	Schematic (11/30/2022)	Openings Top/Btm/Type/Status	Hole		Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
			16" Hole	14.0	54.0	14.0	54.0				
			14.75" Hole	54.0	408.0	54.0	408.0				
			10.5" Hole	408.0	3,074.0	408.0	3,063.2				
			CONDUCTOR CASING		Report Date: 9/8/2012 00:00						
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	18.000				14.0	54.0	14.0	54.0
			SURFACE CASING		Report Date: 9/10/2012 00:00						
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	BTC	14.0	367.9	14.0	367.9
			CASING JOINT(S)	9.625	J-55	36.00	BTC	367.9	722.2	367.9	722.1
			CASING JOINT(S)	10.750	K-55	40.50	BTC	722.2	759.7	722.1	759.6
			FLOAT COLLAR	9.625	J-55	36.00	BTC	759.7	761.2	759.6	761.0
			CASING JOINT(S)	10.750	K-55	40.50	BTC	761.2	762.6	761.0	762.5
			CASING JOINT(S)	9.625	J-55	36.00	BTC	762.6	800.2	762.5	800.0
			FLOAT SHOE	10.750	K-55	40.50	BTC	800.2	801.2	800.0	801.0
			GUIDE SHOE	9.625	J-55	36.00	BTC	801.2	802.3	801.0	802.0
			PRODUCTION CASING		Report Date: 9/13/2012 00:00						
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	J-55	23.00	BTC	14.0	2,498.8	14.0	2490.5
			FLAG JOINT	7.000	J-55	23.00	BTC	2,498.8	2,515.7	2490.5	2507.4
			CASING JOINT(S)	7.000	J-55	23.00	BTC	2,515.7	3,016.5	2507.4	3005.9
			FLOAT COLLAR	7.000	J-55	23.00	BTC	3,016.5	3,017.6	3005.9	3007.1
			CASING JOINT(S)	7.000	J-55	23.00	BTC	3,017.6	3,059.5	3007.1	3048.7
			FLOAT SHOE	7.000	J-55	23.00	BTC	3,059.5	3,061.0	3048.7	3050.2
			TUBING STRING		Well: 53SW-1B S/T/R: 1/30S/23E						
								TVD (top)	TVD (base)	CASING CEMENT DETAIL	
			TH-ROT	14.0	14.0	14.0	14.0			-----	
			TBGPOL	14.0	2,837.8	14.0	2828.0			Cond. Csg. Cmt Vol: Unknown	
			XO	2,837.8	2,838.2	2828.0	2828.4			Hole Size: 18"	
			STNIP	2,838.2	2,838.9	2828.4	2829.0			Casing Size: 16"	
			XO	2,838.9	2,839.3	2829.0	2829.5			Top Job: No	
			CAS	2,839.3	2,870.5	2829.5	2860.5			Rtns to Sfc: Yes	
			DESAND	2,870.5	2,873.4	2860.5	2863.4			TOC: Surface	
			CAS	2,873.4	2,904.5	2863.4	2894.4			-----	
			ROD STRING								
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
			POLROD	0.0	30.0	0.0	30.0	Surf. Csg. Cmt Vol: 463 cf			
			PNYROD	30.0	46.0	30.0	46.0	Class 'C' Lead Cement: 200 cf			
			ROD	46.0	2,746.0	46.0	2736.6	Yield 2.18 , Density: 12.4 ppg.			
			SHRCPL	2,746.0	2,747.0	2736.6	2737.6	Class 'C' Tail Cement: 263 cf			
			ROD	2,747.0	2,807.0	2737.6	2797.3	Yield: 1.71 , Density: 13.5 ppg.			
			SNKBAR	2,807.0	2,811.0	2797.3	2801.3	Hole Size: 14.75"			
			INSPMP	2,811.0	2,827.0	2801.3	2817.2	Casing Size: 10.75"			
								Top Job: No			
								Rtns to Sfc: Yes (18 Bbls)			
								TTOC: 14'			

								Prod. Csg. Cmt Vol: 1474 cf			
								Class 'C' Lead Cement: 1209 cf			
								Yield: 2.64, Density: 11.8 ppg.			
								Class 'C' Tail Cement: 265 cf			
								Yield: 1.5, Density: 13.5 ppg.			
								Hole Size: 10.5"			
								Casing Size: 7"			
								Top Job: No			
								Rtns to Sfc: Yes (60 Bbls)			
								TTOC: 14'			

								Screen/Slotted Liner Cmt Vol: NA			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TOC: NA			

								Cavity Shot: None			
								Junk: None			

								Volume Behind Pipe:			
								Theoretical Calculations (ETOC)			

								A Valencia			
								Date: 04/2022			

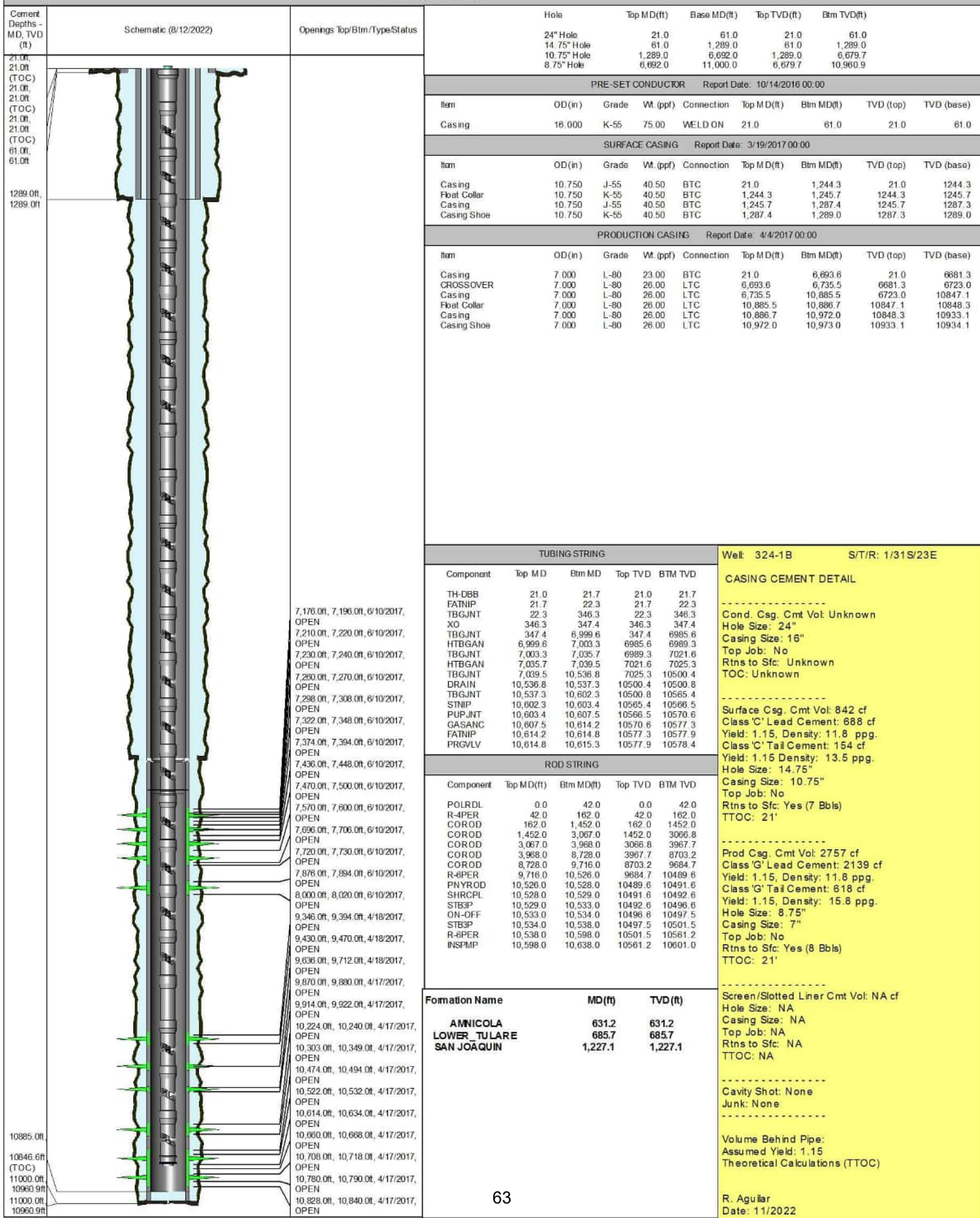
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 8/12/2022

324-1B

Ground Level: 1,124.8ft
 Datum: Original DF @ 1,145.79ft (Kenai 17 KB 21)(default)
 KB: 21.0ft
 API-10: 0403056697

Wellbore: ORIGINAL HOLE
 PBMD: 10,885.0ft
 Btm TMD: 11,000.0ft
 Spud Date/Time: 3/18/2017
 BH Coord X: 6,125,376.57usft
 BH Coord Y: 2,284,610.39usft

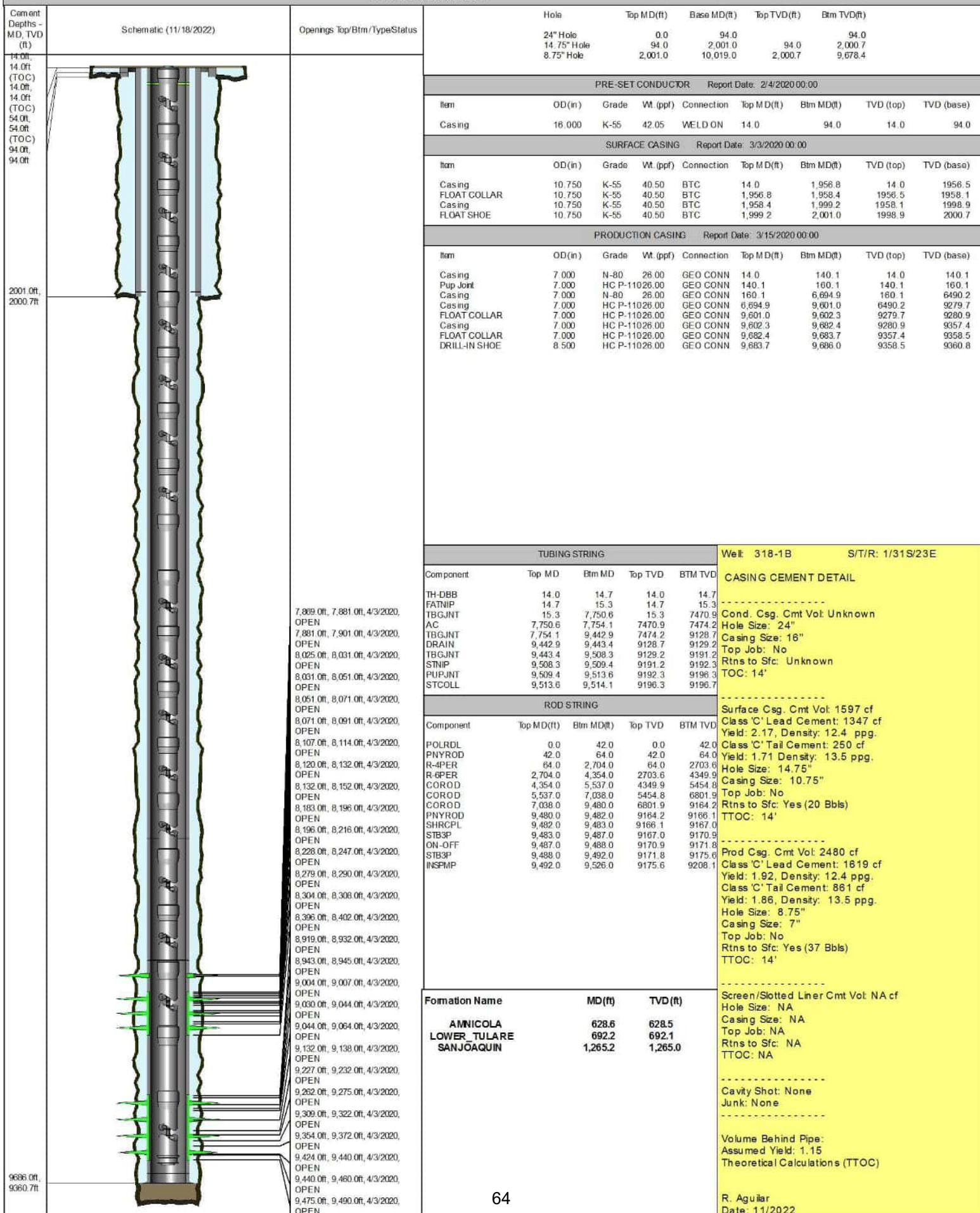


Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 11/18/2022

318-1B

Ground Level: 1,071.6ft
Datum: Original DF @ 1,085.61ft (Ensign 540 - 14' KB)(default)
KB: 14.0ft
API-10: 0403066463

Wellbore: ORIGINAL HOLE
PBMD: 9,601.0ft
Btm TMD: 9,867.0ft
Spud Date/Time: 3/3/2020
BH Coord X: 6,124,379.83usft
BH Coord Y: 2,281,406.20usft



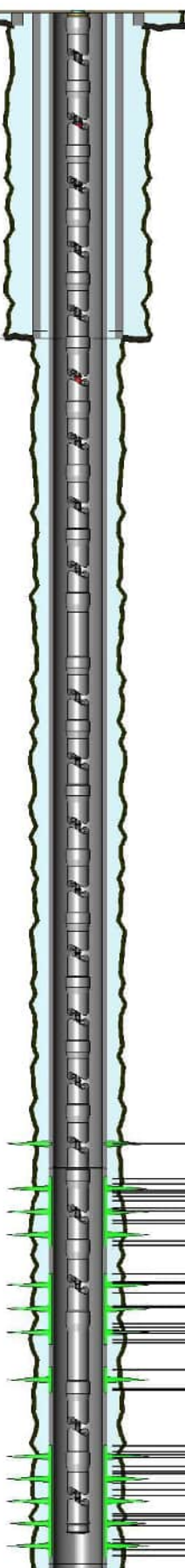
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/4/2022

326-1B

Ground Level: 1,071.6ft
 Datum: Original DF @ 1,085.63ft (Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066464

Wellbore: ORIGINAL HOLE
 PBMD: 9,594.0ft
 Btm TMD: 9,692.0ft
 Spud Date/Time: 2/20/2020
 BH Coord X: 6,124,860.05usft
 BH Coord Y: 2,283,276.18usft

Cement Depths - MD, TVD (ft)	Schematic (5/4/2022)	Openings Top/Btm/Type/Status	Hole		Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
			24" Hole	0.0	94.0	0.0	94.0					
14.0ft			14.75" Hole	94.0	2,025.0	94.0	2,024.9					
14.0ft (TOC)			8.75" Hole	2,025.0	9,692.0	2,024.9	9,664.8					
14.0ft		PRE-SET CONDUCTOR Report Date: 2/4/2020 00:00										
14.0ft (TOC)		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
14.0ft (TOC)		Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0		
14.0ft		SURFACE CASING Report Date: 2/21/2020 00:00										
14.0ft (TOC)		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
14.0ft (TOC)		Casing	10.750	K-55	40.50	BTC	14.0	1,980.4	14.0	1980.3		
94.0ft		FLOAT COLLAR	10.750	K-55	40.50	BTC	1,980.4	1,982.0	1980.3	1981.9		
94.0ft		Casing	10.750	K-55	40.50	BTC	1,982.0	2,023.1	1981.9	2023.0		
94.0ft		FLOAT SHOE	10.750	K-55	40.50	BTC	2,023.1	2,025.0	2023.0	2024.9		
2025.0ft, 2024.9ft		PRODUCTION CASING Report Date: 3/1/2020 00:00										
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
		Casing	7.000	N-80	26.00	BTC	14.0	9,594.9	14.0	9569.0		
		FLOAT COLLAR	7.000	N-80	26.00	BTC	9,594.9	9,596.2	9569.0	9570.3		
		Casing	7.000	N-80	26.00	BTC	9,596.2	9,678.4	9570.3	9651.3		
		FLOAT SHOE	7.000	N-80	26.00	BTC	9,678.4	9,680.0	9651.3	9652.9		
			TUBING STRING				Well: 326-1B S/T/R: 1/31S/23E					
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL				
			TH-DBB	14.0	14.7	14.0	14.7	-----				
			FATNIP	14.7	15.4	14.7	15.3	Cond. Csg. Cmt Vol: Unknown				
			PUPJNT	15.4	33.7	15.3	33.7	Hole Size: 24"				
			TBGJNT	33.7	7,149.0	33.7	7137.1	Casing Size: 16"				
			HTBGJNT	7,149.0	7,152.1	7137.1	7140.2	Top Job: No				
			TBGJNT	7,152.1	9,336.2	7140.2	9313.3	Rtns to Sfc: Unknown				
			DRAIN	9,336.2	9,336.7	9313.3	9313.7	TOC: 14'				
			TBGJNT	9,336.7	9,398.2	9313.7	9374.7	-----				
			STNIP	9,398.2	9,399.3	9374.7	9375.8	Surface Csg. Cmt Vol: 1673 cf				
			PUPJNT	9,399.3	9,401.4	9375.8	9377.9	Class 'C' Lead Cement: 1347 cf				
			ROD STRING				Yield: 2.17, Density: 12.4 ppg.					
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Tail Cement: 326 cf				
			POLRDL	0.0	42.0	0.0	42.0	Yield: 1.71 Density: 13.5 ppg.				
			PNYROD	42.0	60.0	42.0	60.0	Hole Size: 14.75"				
			ROD	60.0	150.0	60.0	150.0	Casing Size: 10.75"				
			COROD	150.0	1,300.0	150.0	1299.9	Top Job: No				
			COROD	1,300.0	3,280.0	1299.9	3279.8	Rtns to Sfc: Yes (30 Bbls)				
			COROD	3,280.0	5,660.0	3279.8	5657.2	TTOC: 14'				
			COROD	5,660.0	9,360.0	5657.2	9336.9	-----				
			PNYROD	9,360.0	9,362.0	9336.9	9338.8	Prod Csg. Cmt Vol: 2121 cf				
			SHRCPL	9,362.0	9,363.0	9338.8	9339.8	Class 'C' Lead Cement: 1443 cf				
			STB3P	9,363.0	9,367.0	9339.8	9343.8	Yield: 2.2, Density: 11.8 ppg.				
			ON-OFF	9,367.0	9,368.0	9343.8	9344.8	Class 'C' Tail Cement: 678 cf				
			STB3P	9,368.0	9,372.0	9344.8	9348.7	Yield: 1.86 Density: 13.5 ppg.				
			INSPMP	9,372.0	9,412.0	9348.7	9388.4	Hole Size: 9.875"				
			Formation Name				MD(ft)		TVD(ft)	Screen/Slotted Liner Cmt Vol: NA cf		
			AMNICOLA				620.0		619.9	Hole Size: NA		
			LOWER_TULARE				683.0		682.9	Casing Size: NA		
			SANJOAQUIN				1,252.8		1,252.7	Top Job: NA		
										Rtns to Sfc: NA		
										TTOC: NA		

										Cavity Shot: None		
										Junk: None		

										Volume Behind Pipe:		
										Assumed Yield: 1.15		
										Theoretical Calculations (TTOC)		
										R. Aguilar		
										Date: 11/2022		

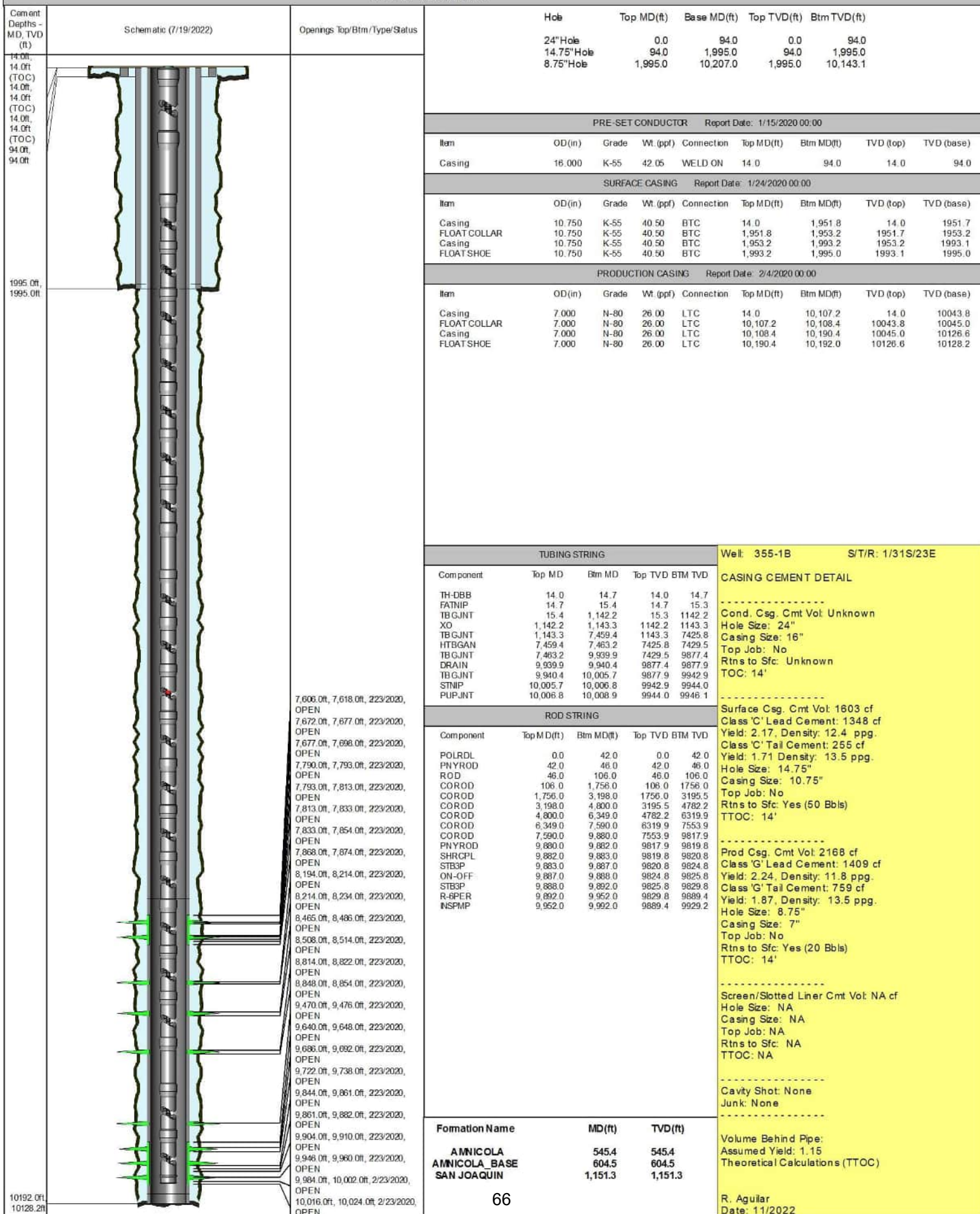
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 7/19/2022

355-1B

Ground Level: 1,048.4ft
 Datum: Original DF @ 1,062.43ft(Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066758

Wellbore: ORIGINAL HOLE
 PBMD: 10,098.0ft
 Btm TMD: 10,207.0ft
 Spud Date/Time: 1/23/2020
 BH Coord X: 6,127,272.64usft
 BH Coord Y: 2,283,710.91usft

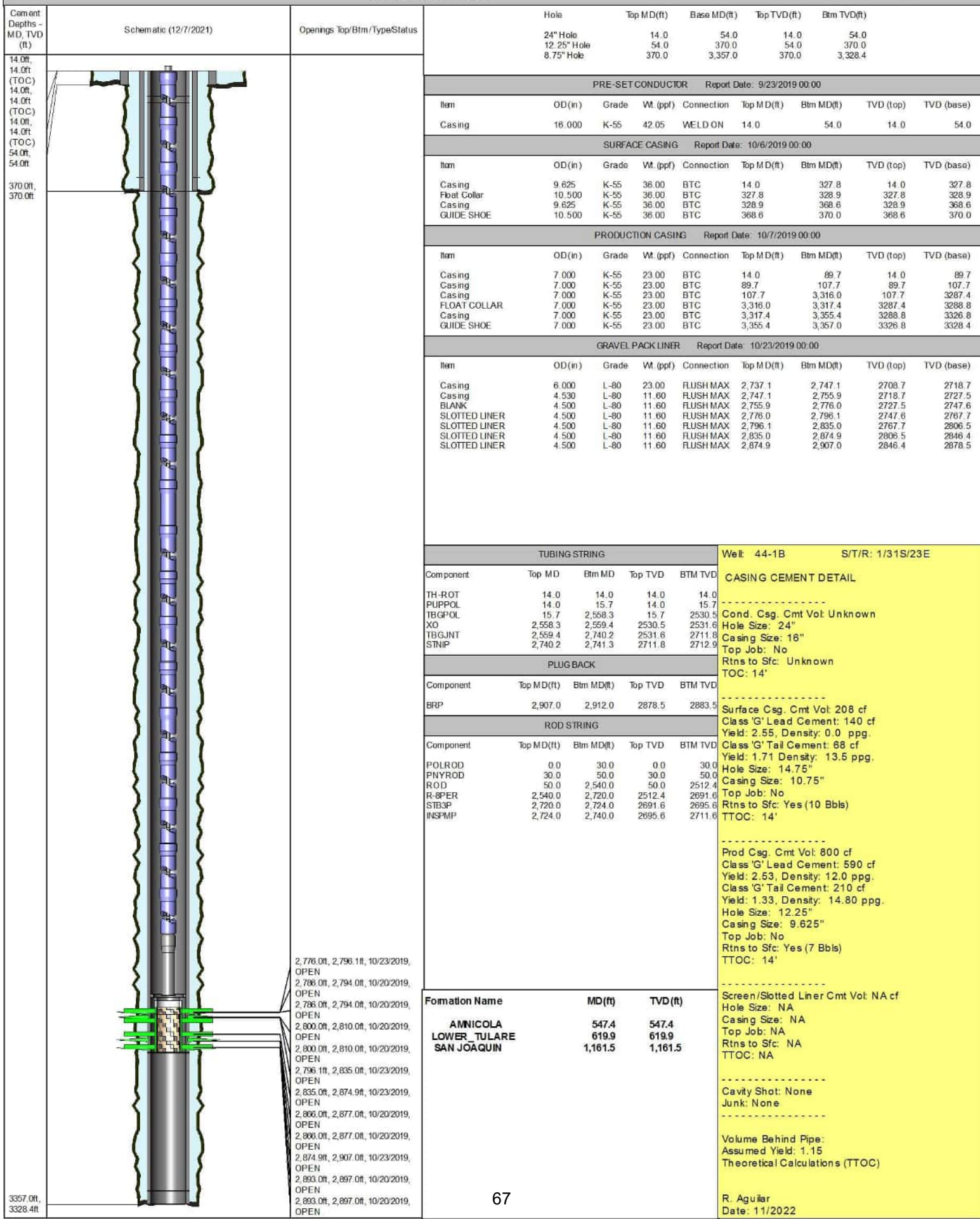


Field Name: ELK HILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 12/7/2021

44-1B

Ground Level: 1,097.4ft
Datum: Original DF @ 1,111.36ft (ENSGN 533 - KB = 14')(default)
KB: 14.0ft
API-10: 0403066781

Wellbore: ORIGINAL HOLE
PBMD: 2,907.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 10/5/2019
BH Coord X: 6,126,151.51usft
BH Coord Y: 2,284,475.10usft



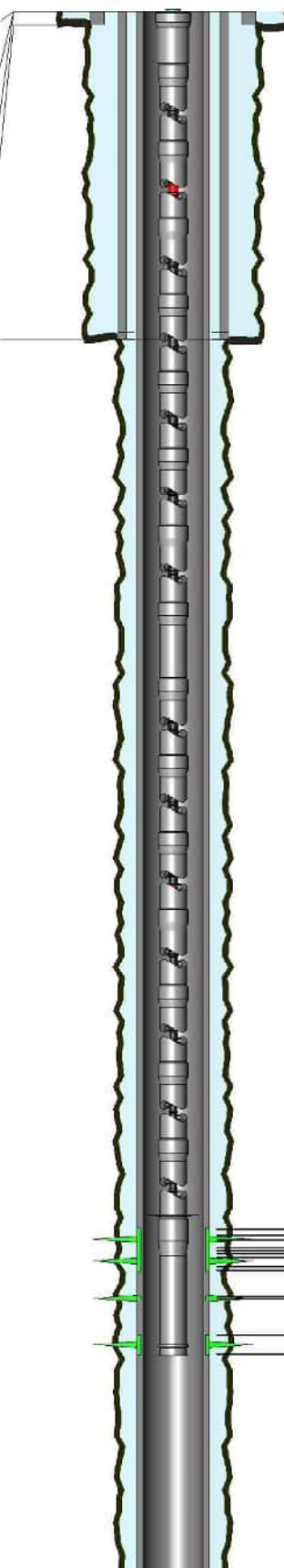
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Start date: 1/27/2022

317-1B

Ground Level: 1,054.5ft
 Datum: Original DF @ 1,068.52ft (Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066881

Wellbore: ORIGINAL HOLE
 PBMD: 9,864.0ft
 Btm TMD: 9,953.0ft
 Spud Date/Time: 11/29/2019
 BH Coord X: 6,124,360.86usft
 BH Coord Y: 2,282,660.77usft

Cement Depths - MD, TVD (ft)	Schematic (1/27/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			20" Hole	14.0	94.0	14.0	94.0				
14.0ft, 14.0ft (TOC)			14.75" Hole	94.0	2,014.0	94.0	2,013.9				
14.0ft, 14.0ft (TOC)			8.75" Hole	2,014.0	9,953.0	2,013.9	9,848.1				
94.0ft, 94.0ft			PRE-SET CONDUCTOR Report Date: 11/6/2019 00:00								
2014.0ft, 2013.9ft			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0
			SURFACE CASING Report Date: 12/1/2019 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	K-55	40.50	BTC	14.0	1,968.6	14.0	1968.6
			FLOAT COLLAR	10.750	K-55	40.50	BTC	1,968.6	1,970.2	1968.6	1970.1
	Casing	10.750	K-55	40.50	BTC	1,970.2	2,012.2	1970.1	2012.1		
	GUIDE SHOE	10.750	K-55	40.50	BTC	2,012.2	2,014.0	2012.1	2014.0		
	PRODUCTION CASING Report Date: 12/11/2019 00:00										
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
	Casing	7.000	N-80	26.00	LTC	14.0	9,864.0	14.0	9760.0		
	FLOAT COLLAR	7.000	N-80	26.00	LTC	9,864.0	9,865.2	9760.0	9761.2		
	Casing	7.000	N-80	26.00	LTC	9,865.2	9,944.5	9761.2	9839.7		
	FLOAT SHOE	7.000	N-80	26.00	LTC	9,944.5	9,946.0	9839.7	9841.2		
9946.0ft, 9841.2ft			TUBING STRING				Well: 317-1B S/T/R: 1/31S/23E				
	Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL					
	TH-DBB	14.0	14.7	14.0	14.7	Cond. Csg. Cmt Vol: Unknown					
	FATNIP	14.7	15.4	14.7	15.3	Hole Size: 20"					
	TBGJNT	15.4	329.6	15.3	329.6	Casing Size: 16"					
	XO	329.6	330.7	329.6	330.7	Top Job: No					
	TBGJNT	330.7	7,351.4	330.7	7252.6	Rtns to Sfc: Unknown					
	HTBGAN	7,351.4	7,355.2	7252.6	7256.4	TOC: Unknown					
	TBGJNT	7,355.2	8,140.7	7256.4	8041.7	Surface Csg. Cmt Vol: 1606 cf					
	DRAIN	8,140.7	8,141.2	8041.7	8042.2	Class 'G' Lead Cement: 1348 cf					
	TBGJNT	8,141.2	8,203.2	8042.2	8104.2	Yield: 2.17, Density: 13.5 ppg.					
	STNIP	8,203.2	8,204.4	8104.2	8105.3	Class 'G' Tail Cement: 258 cf					
	PUPJNT	8,204.4	8,208.4	8105.3	8109.3	Yield: 1.71 Density: 11.2 ppg.					
			ROD STRING				Hole Size: 14.75"				
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 10.75"					
	POLRDL	0.0	42.0	0.0	42.0	Top Job: No					
	PNYROD	42.0	46.0	42.0	46.0	Rtns to Sfc: No					
	ROD	46.0	136.0	46.0	136.0	TTOC: 14'					
	COROD	136.0	2,060.0	136.0	2059.9	Prod Csg. Cmt Vol: 2064 cf					
	COROD	2,060.0	3,577.0	2059.9	3576.8	Class 'C' Lead Cement: 1347 cf					
	COROD	3,577.0	4,976.0	3576.8	4975.7	Yield: 2.24, Density: 13.5 ppg.					
	COROD	4,976.0	5,772.0	4975.7	5740.0	Class 'C' Tail Cement: 717 cf					
	COROD	5,772.0	6,569.0	5740.0	6476.9	Yield: 1.87, Density: 8.4 ppg.					
	COROD	6,569.0	8,151.0	6476.9	8052.0	Hole Size: 8.75"					
	PNYROD	8,151.0	8,153.0	8052.0	8054.0	Casing Size: 7"					
	SHRCPL	8,153.0	8,154.0	8054.0	8055.0	Top Job: No					
	STB3P	8,154.0	8,158.0	8055.0	8059.0	Rtns to Sfc: No					
	ON-OFF	8,158.0	8,159.0	8059.0	8060.0	TTOC: 14'					
	STB3P	8,159.0	8,163.0	8060.0	8064.0	Screen/Slotted Liner Cmt Vol: NA cf					
	INSMP	8,163.0	8,203.0	8064.0	8104.0	Hole Size: NA					
	Formation Name	MD(ft)	TVD(ft)	Casing Size: NA							
	AMNICOLA	633.9	633.8	Top Job: NA							
	LOWER_TULARE	698.6	698.5	Rtns to Sfc: NA							
	SANJOAQUIN	1,263.2	1,263.1	TTOC: NA							
			Cavity Shot: None				Volume Behind Pipe:				
			Junk: None				Assumed Yield: 1.15				
							Theoretical Calculations (TTOC)				
							R. Aguilar				
							Date: 11/2022				

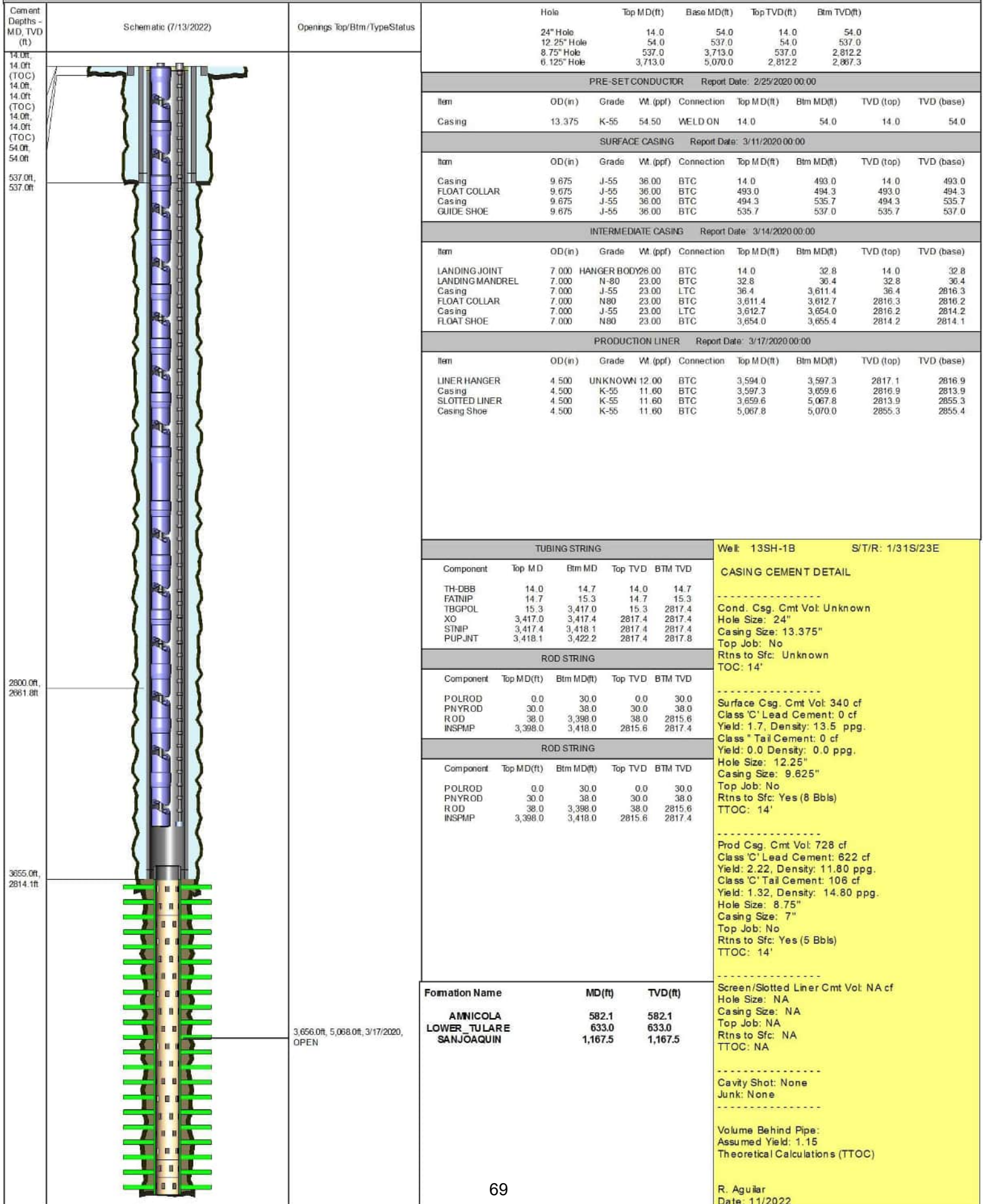
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 7/13/2022

13SH-1B

Ground Level: 1,111.4ft
 Datum: Original DF @ 1,125.36ft (Ensign 536 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403067416

Wellbore: ORIGINAL HOLE
 PBMD: 5,068.0ft
 Btm TMD: 5,070.0ft
 Spud Date/Time: 3/10/2020
 BH Coord X: 6,127,033.87usft
 BH Coord Y: 2,283,819.44usft



Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 3/17/2022

54H-1B

Ground Level: 1,127.1ft
Datum: Original DF @ 1,141.11ft (Ensign 536 + KB 14')(default)
KB: 14.0ft
API-10: 0403067486

Wellbore: ORIGINAL HOLE
PBMD: 5,030.0ft
Btm TMD: 5,033.0ft
Spud Date/Time: 2/23/2022
BH Coord X: 6,128,705.09usft
BH Coord Y: 2,283,168.31usft

Cement Depths - MD, TVD (ft)	Schematic (3/17/2022)	Openings Top/Btm/Type/Status										
				Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
24" Hole		14.0	54.0	14.0	54.0							
12" Hole		54.0	528.0	54.0	528.0							
8.75" Hole		528.0	4,115.0	528.0	2,887.2							
6.125" Hole		4,115.0	5,033.0	2,887.2	2,880.0							
PRE-SET CONDUCTOR Report Date: 1/24/2022 00:00												
Item		OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
Casing		16.000	K-55	42.05	WELD ON	14.0	54.0					
SURFACE CASING Report Date: 2/23/2022 00:00												
Item		OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
Casing	9.625	K55	36.00	BTC	14.0	484.4						
FLOAT COLLAR	9.625	K55	36.00	BTC	484.4	485.8						
Casing	9.625	K55	36.00	BTC	485.8	526.8						
FLOAT SHOE	9.625	K55	36.00	BTC	526.8	528.0						
INTERMEDIATE CASING Report Date: 3/1/2022 00:00												
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
CASING MANDREL	7.000	K-55	23.00	LTC	14.0	18.4						
7" 23# K55 LTC	7.000	J55	23.00	LTC	18.4	4,046.7						
FLOAT COLLAR	7.000	J55	23.00	LTC	4,046.7	4,048.3						
7" 23# K55 LTC	7.000	J55	23.00	LTC	4,048.3	4,090.9						
FLOAT SHOE	7.000	J55	23.00	LTC	4,090.9	4,092.4						
SCREEN / SLOTTED LINER Report Date: 3/3/2022 00:00												
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
PBR	6.366	SAE 4145	11.60	BTC	4,033.0	4,035.0						
LINER HANGER	6.366		11.60	BTC	4,035.0	4,039.2						
BLANK	4.500	L-80	11.60	BTC	4,039.2	4,078.0						
SLOTTED LINER	4.500	K-55	11.60	BTC	4,078.0	5,027.1						
GUIDE SHOE	4.500	K-55	11.60	BTC	5,027.1	5,029.5						
TUBING STRING												
Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 54H-1B S/T/R: 1/31S/23E							
TH-ROT	14.0	14.7	CASING CEMENT DETAIL			Cond. Csg. Cmt Vol: Unknown Hole Size: 24" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 14'						
PUPJNT	14.7	20.8										
TBGPOL	20.8	3,688.7										
XO	3,688.7	3,689.1										
STNIP	3,689.1	3,689.8										
PUPJNT	3,689.8	3,693.9										
ROD STRING												
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 359 cf Class 'C' Lead Cement: 337 cf Yield: 1.66, Density: 13.50 ppg. Class 'C' Tail Cement: 22 cf Yield: 1.66, Density: 13.50 ppg. Hole Size: 12" Casing Size: 9.625" Top Job: No Rtns to Sfc: No TTOC: 14'							
POLROD	0.0	30.0	Prod Csg. Cmt Vol: 567 cf Class 'C' Lead Cement: 258 cf Yield: 2.59, Density: 11.80 ppg. Class 'C' Tail Cement: 309 cf Yield: 1.66, Density: 13.50 ppg. Hole Size: 8.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (20 Bbls) TTOC: 14'									
PNYROD	30.0	52.0										
RODBOP	52.0	1,852.0										
SNKBAR	1,852.0	2,227.0										
ROD	2,227.0	3,667.0										
INSPMP	3,667.0	3,683.0										
Formation Name MD(ft) TVD(ft)												
AMNICOLA	540.4	540.4	Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA									
LOWER_TULARE	630.3	630.1										
SANJOAQUIN	1,232.1	1,186.9										
Cavity Shot: None Junk: None												
Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)												
R. Aguilar Date: 11/2022												

4,093.0ft
4,093.0ft

4,078.0ft, 5,027.0ft, 3/3/2022, OPEN

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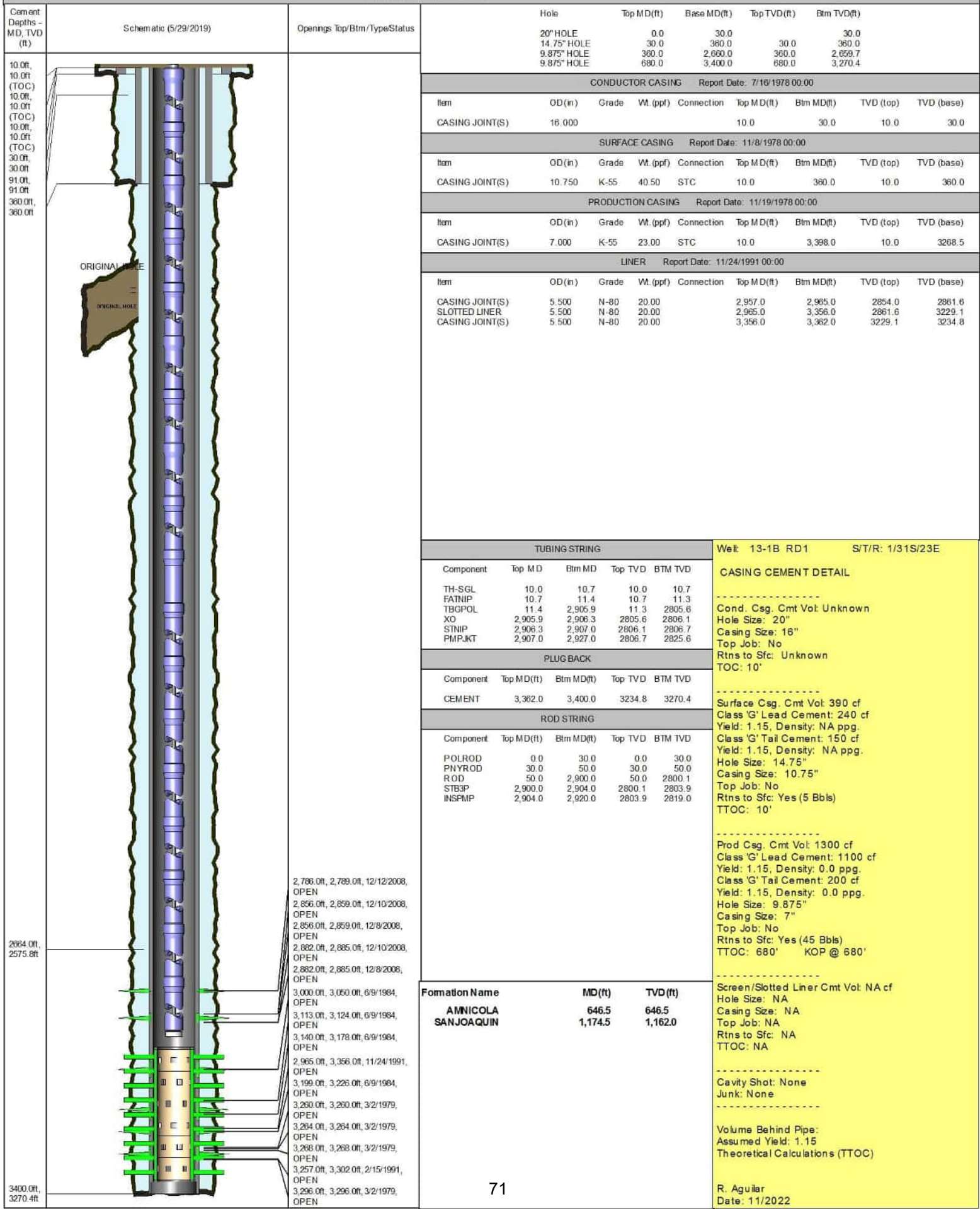
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 5/29/2019

13-1B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,159.00ft (default)
 KB: 10.0ft
 API-10: 0402955673

Wellbore: ST 1
 PBMD: 3,362.0ft
 Btm TMD: 3,400.0ft
 Spud Date/Time: 11/8/1978
 BH Coord X: 6,123,606.40usft
 BH Coord Y: 2,285,431.38usft



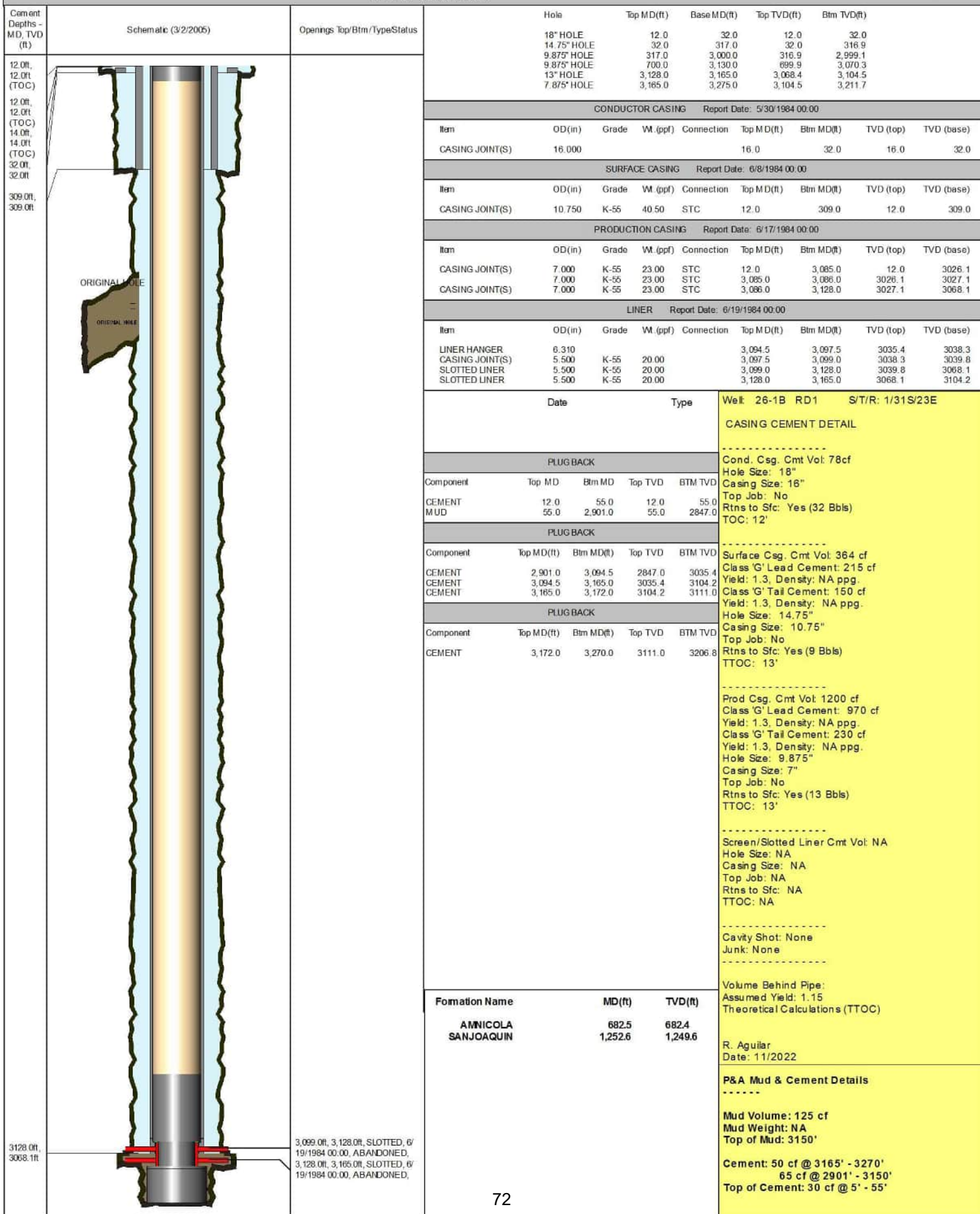
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 3/2/2005

26-1B

Ground Level: 1,078.0ft
 Datum: Original DF @ 1,090.00ft (default)
 KB: 12.0ft
 API-10: 0402972052

Wellbore: ST 1
 PBMD: 12.0ft
 Btm TMD: 3,275.0ft
 Spud Date/Time: 6/4/1984
 BH Coord X: 6,124,688.27usft
 BH Coord Y: 2,283,288.22usft



**WELL CONSTRUCTION DETAILS
FOR WELLS LOCATED IN
SECTION 2B**

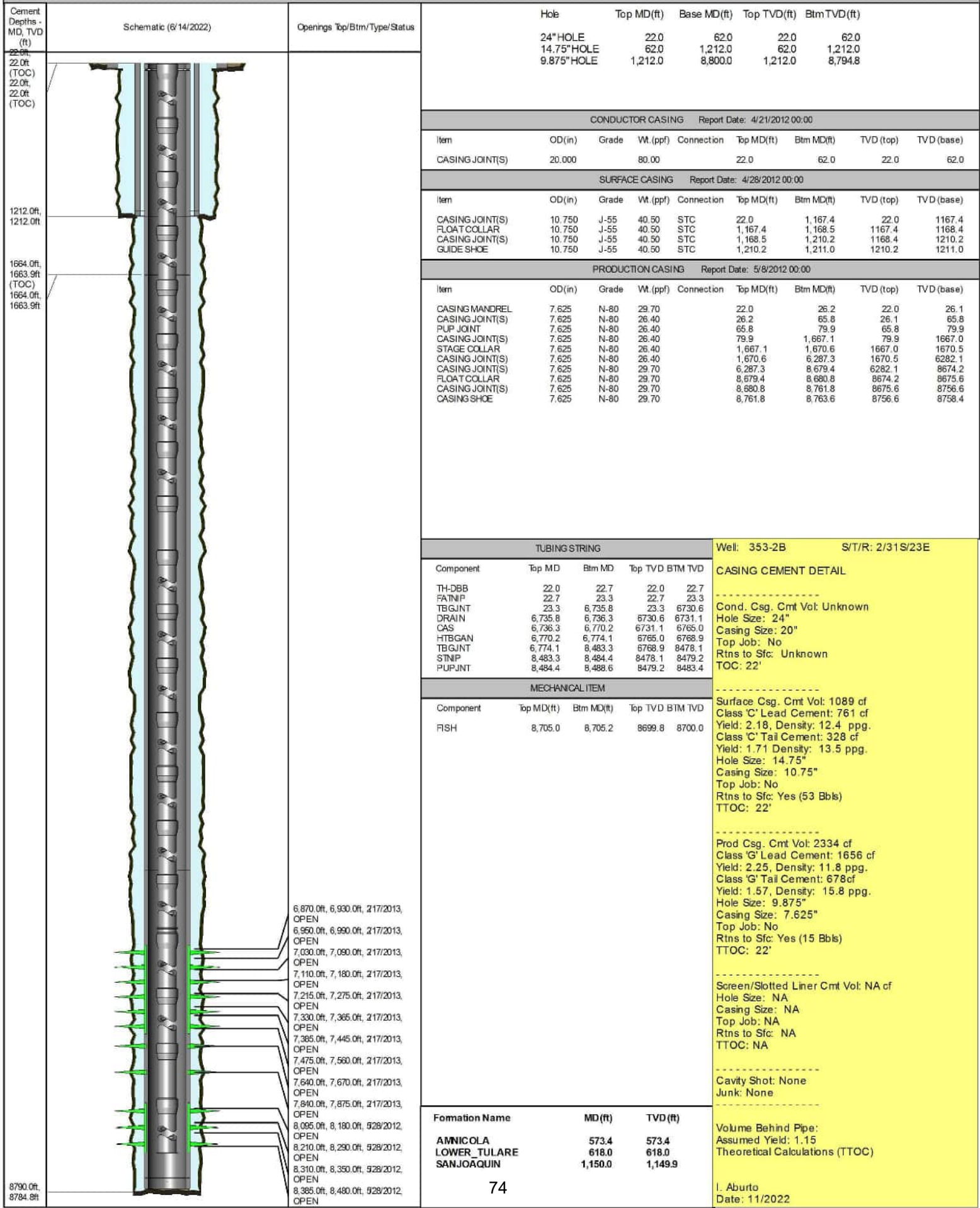
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 6/14/2022

353-2B

Ground Level: 1,106.5ft
 Datum: Original KB @ 1,128.50ft (default)
 KB: 22.0ft
 API-10: 0403046702

Wellbore: ORIGINAL HOLE
 PBMD: 8,709.0ft
 Btm TMD: 8,800.0ft
 Spud Date/Time: 4/27/2012
 BH Coord X: 6,121,750.17usft
 BH Coord Y: 2,285,299.77usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 02B
Well Status: ACTIVE
End date: 8/12/2022

361-2B

Ground Level: 1,167.9ft
Datum: Original DF @ 1,192.90ft (Air Gap = 25')(default)
KB: 25.0ft
API-10: 0403054258

Wellbore: ORIGINAL HOLE
PBMD: 9,540.0ft
Btm TMD: 9,550.0ft
Spud Date/Time: 3/31/2014
BH Coord X: 6,122,470.99usft
BH Coord Y: 2,286,501.36usft

Cement Depths - MD, TVD (ft)	Schematic (8/12/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	BtmTVD(ft)				
25.0ft 25.0ft (TOC) 316.0ft 316.0ft (TOC)			20" Hole	25.0	65.0	25.0	65.0				
1241.0ft 1240.9ft			14.5" Hole	65.0	1,241.0	65.0	1,240.9				
			10-1/2" Hole	1,241.0	5,789.0	1,240.9	5,780.6				
			8.75" Hole	5,789.0	7,250.0	5,780.6	7,234.7				
			9.875" Hole	5,789.0	7,250.0	5,780.6	7,234.7				
			6.75 Hole	7,250.0	9,550.0	7,234.7	9,533.3				
			CONDUCTOR CASING Report Date: 3/30/2014 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000				25.0	65.0	25.0	65.0
			SURFACE CASING Report Date: 3/31/2014 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	J-55	40.50		25.0	1,199.0	25.0	1198.9
			FLOAT COLLAR	10.750		0.00		1,199.0	1,200.3	1198.9	1200.3
			Casing	10.750	J-55	40.50		1,200.3	1,239.4	1200.3	1239.4
			GUIDE SHOE	10.750		0.00		1,239.4	1,241.0	1239.4	1240.9
			INTERMEDIATE CASING Report Date: 4/8/2014 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			LANDING MANDREL	7.625	N-80	29.70		25.0	29.8	25.0	29.8
			Casing	7.625	N-80	26.40		29.8	71.2	29.8	71.1
			Pup Joint	7.625	N-80	29.70		71.2	91.0	71.1	91.0
	Casing	7.625	N-80	26.40		91.0	4,726.0	91.0	4725.5		
	Casing	7.625	P 110	29.70		4,726.0	6,151.6	4725.5	6139.8		
	Casing	7.625	P 110	29.70		6,151.6	7,196.4	6139.8	7181.2		
	Float Collar	7.625		0.00		7,196.4	7,197.7	7181.2	7182.5		
	Casing	7.625	P 110	29.70		7,197.7	7,238.3	7182.5	7223.1		
	Casing Shoe	7.625		0.00		7,238.3	7,240.0	7223.1	7224.7		
	SCREEN / SLOTTED LINER Report Date: 4/16/2014 00:00										
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
	SETTING SLEEVE	6.375	N80	17.00		7,101.7	7,104.5	7086.6	7089.4		
	Liner Hanger	6.500	N80	17.00		7,104.5	7,111.4	7089.4	7096.3		
	SLOTTED LINER	5.500	L-80	17.00		7,111.4	9,540.4	7096.3	9523.7		
	GUIDE SHOE	5.875	N80	17.00		9,540.4	9,547.0	9523.7	9530.3		
	TUBING STRING							Well: 361-2B S/T/R: 2/31S/23E			
	Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL					
	TH-DBB	25.0	25.7	25.0	25.7	Cond. Csg. Cmt Vol: Unknown					
	FATNIP	25.7	26.2	25.7	26.2	Hole Size: 24"					
	TBGJNT	26.2	2,350.8	26.2	2,350.6	Casing Size: 20"					
	XO	2,350.8	2,351.9	2,350.6	2,351.7	Top Job: No					
	TBGJNT	2,351.9	6,902.6	2,351.7	6,887.5	Rtns to Sfc: Unknown					
	HTBGAN	6,902.6	6,906.7	6,887.5	6,891.6	TOC: 25'					
	TBGJNT	6,906.7	6,939.2	6,891.6	6,924.1	Surface Csg. Cmt Vol: 876 cf					
	HTBGAN	6,939.2	6,943.5	6,924.1	6,928.4	Class 'C' Lead Cement: 663 cf					
	TBGJNT	6,943.5	9,248.0	6,928.4	9,231.9	Yield: 1.15, Density: 12.4 ppg.					
	DRAIN	9,248.0	9,248.4	9,231.9	9,231.9	Class 'C' Tail Cement: 213 cf					
	TBGJNT	9,248.4	9,411.0	9,231.9	9,394.4	Yield: 1.15 Density: 13.5 ppg.					
	STNIP	9,411.0	9,412.1	9,394.4	9,395.5	Hole Size: 14.5"					
	PMPSH	9,412.1	9,416.3	9,395.5	9,399.6	Casing Size: 10.75"					
	ROD STRING					Top Job: No Rtns to Sfc: Yes (16 Bbls) TTOC: 25'					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD						
	POLRDL	0.0	42.0	0.0	42.0						
	PNY ROD	42.0	52.0	42.0	52.0						
	R-4PER	52.0	2,062.0	52.0	2,061.8						
	R-4PER	2,062.0	5,182.0	2,061.8	5,180.8						
	ROD	5,182.0	7,042.0	5,180.8	7,026.9						
	R-4PER	7,042.0	8,722.0	7,026.9	8,705.7						
	R-6PER	8,722.0	9,382.0	8,705.7	9,365.4						
	STB3P	9,382.0	9,386.0	9,365.4	9,369.4						
	SHRCPL	9,386.0	9,387.0	9,369.4	9,370.4						
	STB3P	9,387.0	9,391.0	9,370.4	9,374.4						
	INSPMP	9,391.0	9,431.0	9,374.4	9,414.4						
	ROD STRING					Prod Csg. Cmt Vol: 2450 cf Class 'G' Lead Cement: 2254 cf Yield: 1.15, Density: 12.4 ppg. Class 'G' Tail Cement: 196 cf Yield: 1.15, Density: 15.8 ppg. Hole Size: 9.875" Casing Size: 7.625" Top Job: No Rtns to Sfc: No TTOC: 316'					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD						
	POLROD	0.0	42.0	0.0	42.0						
	PNY ROD	42.0	68.0	42.0	68.0						
	COROD	68.0	2,220.0	68.0	2,219.8						
	COROD	2,220.0	3,390.0	2,219.8	3,389.7						
	COROD	3,390.0	4,533.0	3,389.7	4,532.6						
	COROD	4,533.0	5,770.0	4,532.6	5,761.8						
	COROD	5,770.0	6,806.0	5,761.8	6,790.9						
	COROD	6,806.0	9,282.0	6,790.9	9,265.4						
	STB3P	9,282.0	9,286.0	9,265.4	9,269.4						
	SHRCPL	9,286.0	9,287.0	9,269.4	9,270.4						
	STB3P	9,287.0	9,291.0	9,270.4	9,274.4						
	POLROD	9,291.0	9,331.0	9,274.4	9,314.4						
	PLUNGR	9,331.0	9,337.0	9,314.4	9,320.4						
	Formation Name					Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)					
	AMNICOLA	562.2	562.2	562.2	562.2	I. Aburto					
	LOWER TULARE	597.2	597.2	597.2	597.2	Date: 11/2022					
	SANJOAQUIN	1,120.1	1,120.1	1,120.1	1,120.1						

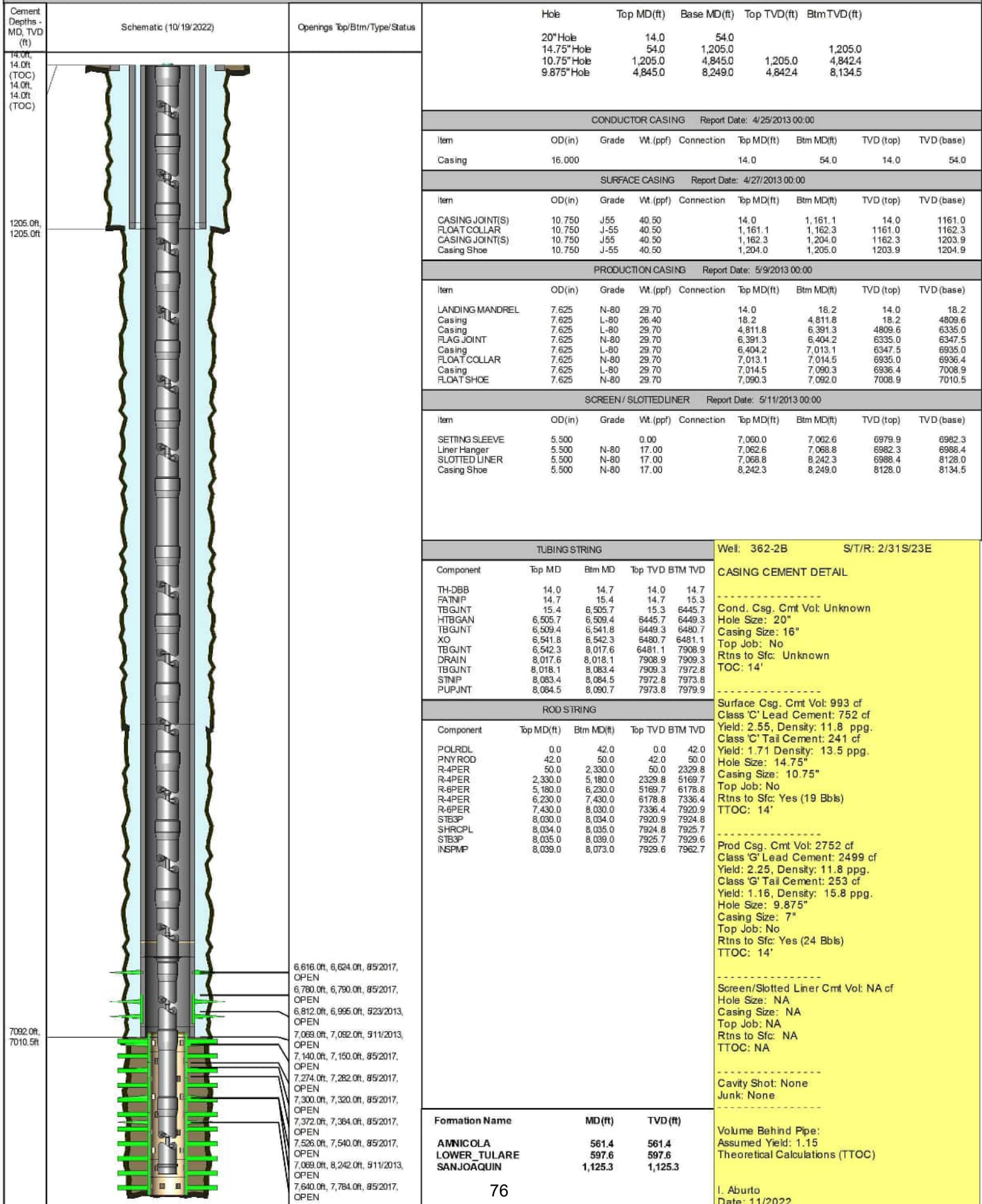
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 10/19/2022

362-2B

Ground Level: 1,155.6ft
 Datum: Original DF @ 1,169.60ft (A G = 14") (default)
 KB: 14.0ft
 API-10: 0403050235

Wellbore: ORIGINAL HOLE
 PBMD: 8,249.0ft
 Btm TMD: 8,249.0ft
 Spud Date/Time: 4/27/2013
 BH Coord X: 6,122,936.36usft
 BH Coord Y: 2,285,237.33usft



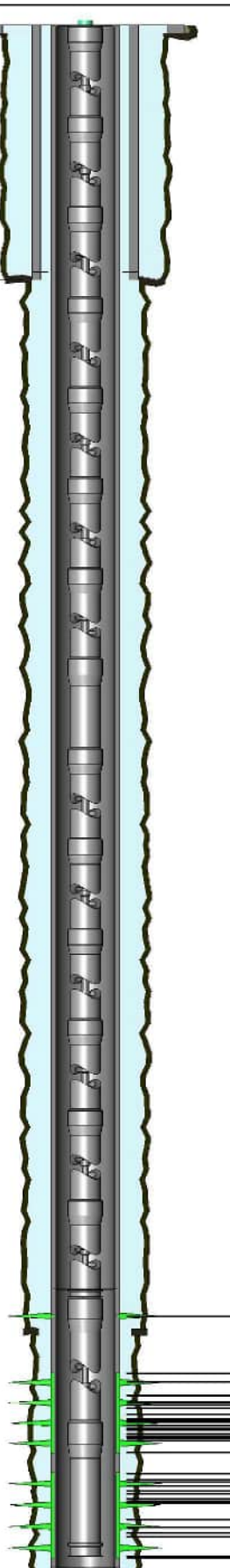
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 6/15/2022

364-2B

Ground Level: 1,123.7ft
 Datum: Original DF @ 1,148.70ft(default)
 KB: 25.0ft
 API-10: 0403054464

Wellbore: ORIGINAL HOLE
 PBMD: 7,907.0ft
 Btm TMD: 8,005.0ft
 Spud Date/Time: 5/1/2014
 BH Coord X: 6,122,442.43usft
 BH Coord Y: 2,284,456.42usft

Cement Depths - MD, TVD (ft)	Schematic (6/15/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)	
25.0ft 25.0ft (TOC) 25.0ft 25.0ft (TOC)			20" Hole	25.0	65.0	25.0	65.0	
1327.0ft 1326.9ft			14.5" Hole	65.0	1,328.0	65.0	1,327.9	
			10.5" Hole	1,328.0	6,704.0	1,327.9	6,693.6	
			8.75" Hole	6,704.0	8,005.0	6,693.6	7,989.9	
PRE-SET CONDUCTOR Report Date: 4/3/2014 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing	20.000				25.0	65.0	25.0	65.0
SURFACE CASING Report Date: 5/1/2014 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing	10.750	J-55	40.50	BTC	25.0	1,285.3	25.0	1285.2
FLOAT COLLAR	10.750	K-55	40.50	BTC	1,285.3	1,286.6	1285.2	1286.5
Casing	10.750	J-55	40.50	BTC	1,286.6	1,325.9	1286.5	1325.8
FLOAT SHOE	10.750	K-55	40.50	BTC	1,325.9	1,326.9	1325.8	1326.8
PRODUCTION CASING Report Date: 5/9/2014 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
LANDING MANDREL	7.000	N-80	26.00		25.0	29.9	25.0	29.9
Casing	7.000	N-80	26.00		29.9	7,907.2	29.9	7892.3
Float Collar	7.000	N-80	26.00		7,907.2	7,908.6	7892.3	7893.7
Casing	7.000	N-80	26.00		7,908.6	7,988.5	7893.7	7973.5
FLOAT SHOE	7.000	N-80	26.00		7,988.5	7,990.0	7973.5	7974.9
TUBING STRING								
Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 364-2B S/T/R: 2/31S/23E Casing Cement Detail ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 20" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 14' ----- Surface Csg. Cmt Vol: 993 of Class 'C' Lead Cement: 752 of Yield: 2.55, Density: 11.8 ppg. Class 'C' Tail Cement: 241 of Yield: 1.71 Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (19 Bbls) TTOC: 14' ----- Prod Csg. Cmt Vol: 2752 of Class 'G' Lead Cement: 2499 of Yield: 2.25, Density: 11.8 ppg. Class 'G' Tail Cement: 253 of Yield: 1.16, Density: 15.8 ppg. Hole Size: 9.875" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (24 Bbls) TTOC: 14' ----- Screen/Slotted Liner Cmt Vol: NA of Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) I. Aburto Date: 11/2022			
TH-DBB	25.0	25.7	25.0	25.7				
FATNIP	25.7	26.3	25.7	26.3				
TBGTJNT	26.3	6,484.8	26.3	6474.9				
HTBGAN	6,484.8	6,488.2	6474.9	6478.4				
TBGTJNT	6,488.2	6,519.2	6478.4	6509.3				
HTBGAN	6,519.2	6,522.7	6509.3	6512.7				
TBGTJNT	6,522.7	7,782.6	6512.7	7768.0				
DRAIN	7,782.6	7,783.0	7768.0	7768.4				
TBGTJNT	7,783.0	7,846.6	7768.4	7831.8				
STNIP	7,846.6	7,847.7	7831.8	7832.9				
PUPJNT	7,847.7	7,851.8	7832.9	7837.0				
ROD STRING								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
POLRDL	0.0	42.0	0.0	42.0				
PNY ROD	42.0	50.0	42.0	50.0				
ROD	50.0	1,880.0	50.0	1879.6				
R-4PER	1,880.0	5,600.0	1879.6	5594.4				
R-6PER	5,600.0	7,190.0	5594.4	7177.7				
R-4PER	7,190.0	7,790.0	7177.7	7775.4				
STB3P	7,790.0	7,794.0	7775.4	7779.4				
INSMP	7,794.0	7,838.0	7779.4	7823.3				
Formation Name MD(ft) TVD(ft)								
AMNICOLA	621.8	621.8						
LOWER TULARE	667.1	667.0						
SANJOAQUIN	1,187.2	1,187.1						

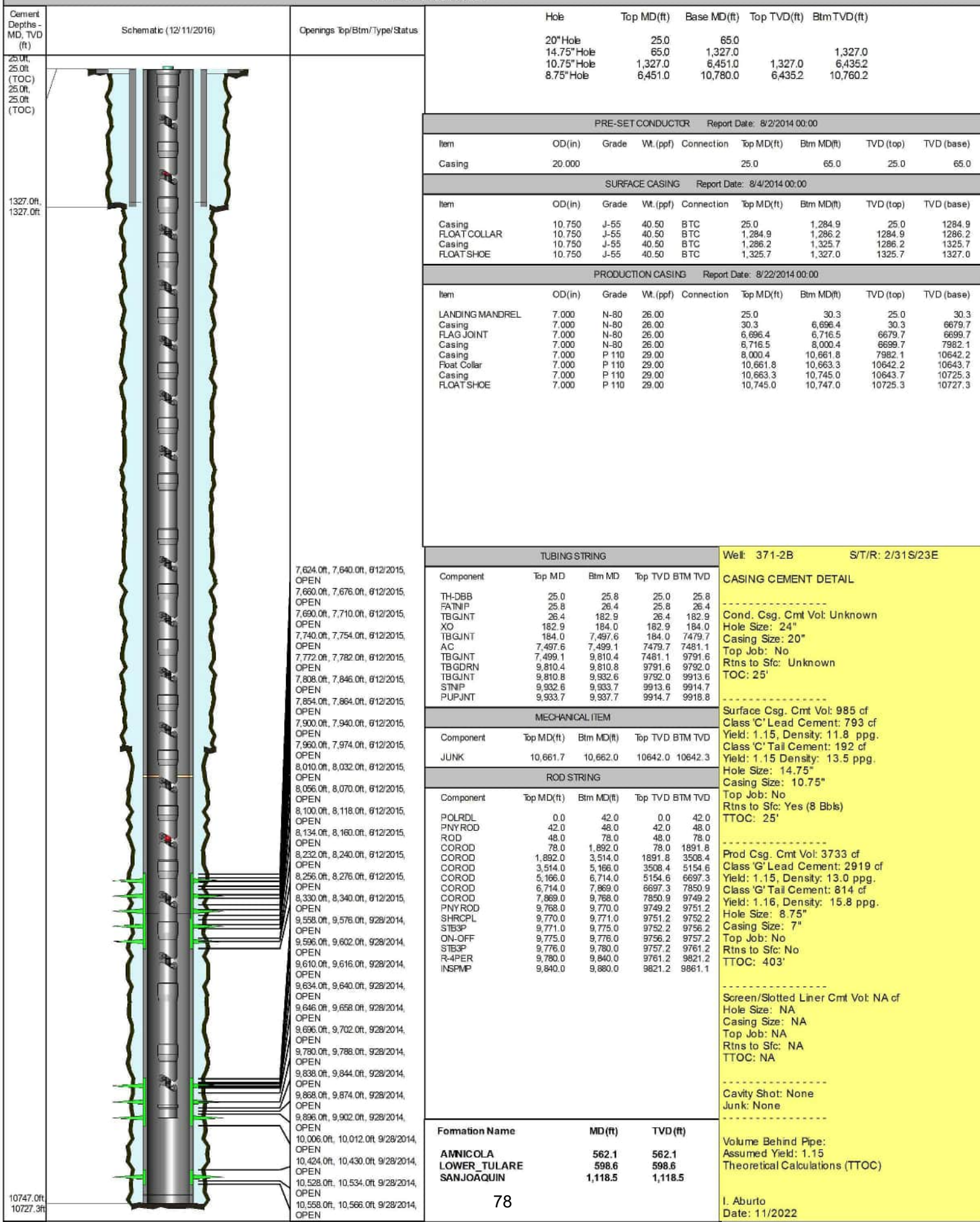
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 12/11/2016

371-2B

Ground Level: 1,169.6ft
 Datum: Original DF @ 1,194.60ft (default)
 KB: 25.0ft
 API-10: 0403055154

Wellbore: ORIGINAL HOLE
 PBMD: 10,662.0ft
 Btm TMD: 10,780.0ft
 Spud Date/Time: 8/3/2014
 BH Coord X: 6,123,175.23usft
 BH Coord Y: 2,286,755.54usft



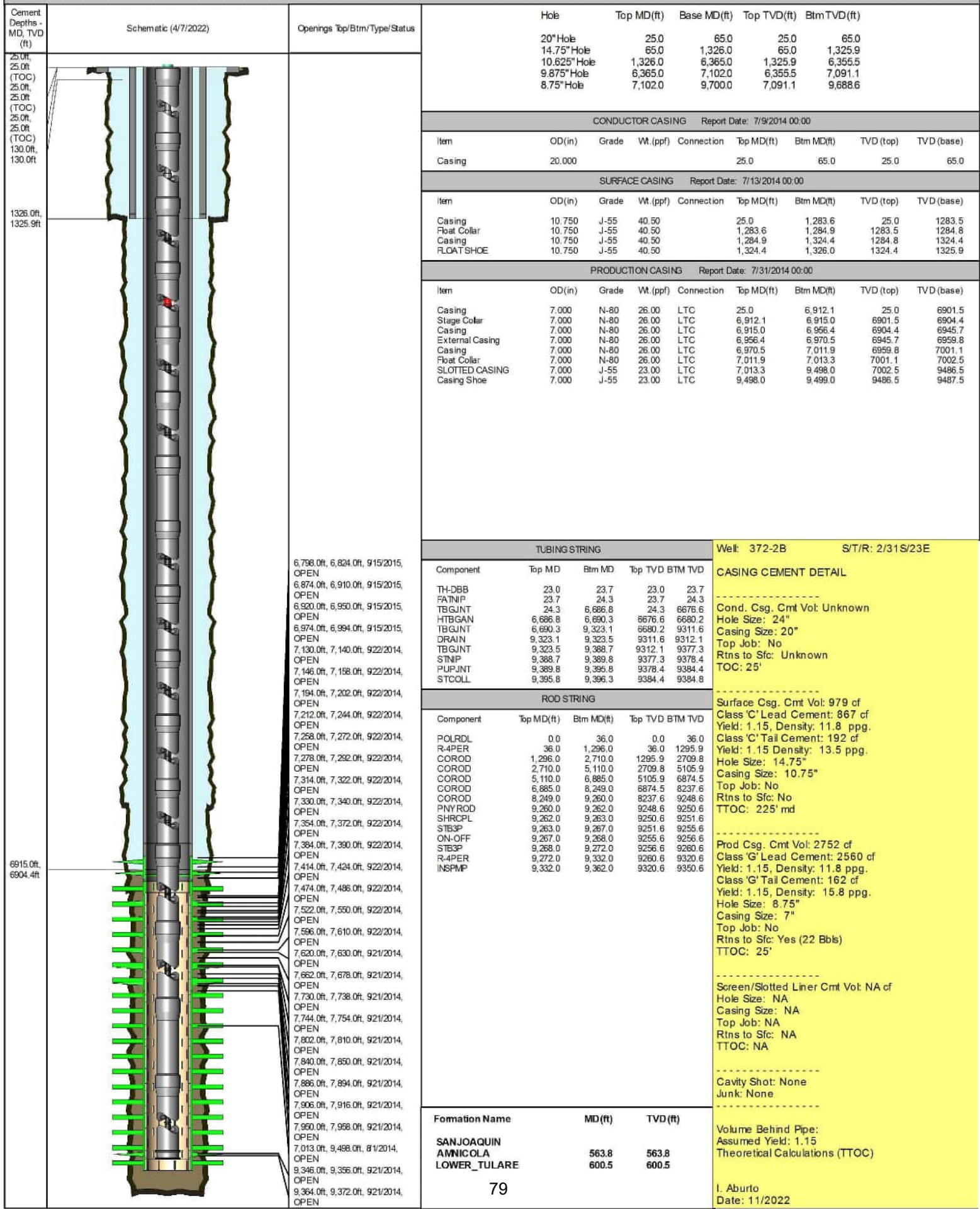
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: FINISHED - SUCCESS
 End date: 4/7/2022

372-2B

Ground Level: 1,169.6ft
 Datum: Original DF @ 1,194.60ft (H&P 381 Air Gap - 25')(default)
 KB: 25.0ft
 API-10: 0403055155

Wellbore: ORIGINAL HOLE
 PBMD: 9,499.0ft
 Btm TMD: 9,700.0ft
 Spud Date/Time: 7/13/2014
 BH Coord X: 6,123,019.57usft
 BH Coord Y: 2,286,090.34usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 Status date: 6/1/2007

1-2B

Ground Level: 1,055.0ft
 Datum: Original KB @ 1,060.00ft (default)
 KB: 5.0ft
 API-10: 0402927890

Wellbore: ORIGINAL HOLE
 PBMD: 0.0ft
 Btm TMD: 1,845.0ft
 Spud Date/Time: 12/1/1910
 BH Coord X: 6,121,741.76usft
 BH Coord Y: 2,284,012.93usft

Cement Depths - MD, TVD (ft)	Schematic: (8/1/2007)	Openings: Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)						
			20" Hole	0.0	325.0								
			14.75" Hole	325.0	750.0								
			9.875" Hole	750.0	1,845.0								
			PRE-SET CONDUCTOR Report Date: 12/1/1910 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			Casing	16.000		65.00		5.0	325.0	5.0	325.0		
			SURFACE CASING Report Date: 12/2/1910 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			Casing	12.500		40.00		5.0	750.0	5.0	750.0		
			PRODUCTION CASING Report Date: 12/3/1910 00:00										
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
		Casing	8.250		39.50		5.0	1,600.0	5.0	1600.0			
			Component	Top MD	Btm MD	Top TVD	Btm TVD	Well: 1-2B S/T/R: 2/31S/23E					
								CASING CEMENT DETAIL					
								----- Cond. Csg. Cmt Vol: NA Hole Size: 20" Casing Size: 16" Top Job: No Rtns to Sfc: NA TOC: 5' -----					
								----- Surface Csg. Cmt Vol: NA Class 'G' Lead Cement: NA Yield: 0.0, Density: NA ppg. Class 'G' Tail Cement: NAcf Yield: 0.0, Density: NA ppg. Hole Size: 14.75" Casing Size: 12.5" Top Job: No Rtns to Sfc: NA TTOC: 5' -----					
								----- Prod Csg. Cmt Vol: NA Class 'G' Lead Cement: NA Yield: 0.0, Density: NA ppg. Class 'G' Tail Cement: NA Yield: 0.0, Density: NA ppg. Hole Size: 9.875" Casing Size: 8.25" Top Job: No Rtns to Sfc: NA TTOC: 5' -----					
								----- Screen/Slotted Liner Cmt Vol: NA Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA -----					
								----- Cavity Shot: None Junk: None -----					
								Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) -----					
								R. Aguilar Date: 11/2022					
			Formation Name	MD(ft)	TVD(ft)	P&A Mud & Cement Details							
								----- Mud Volume: NA Mud Weight: NA Top of Mud: NA ----- Cement: 1179 cf @ 5' - 1845' ----- Top Cement: 3 cf @ 5' - 8'					

80

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: P&A
 Status Date: 7/1/1945

62-2B

Ground Level: 1,151.0ft
 Datum: Original DF @ 1,157.00ft (default)
 KB: 6.0ft
 API-10: 0402927891

Wellbore: ORIGINAL HOLE
 PBMD: 186.0ft
 Btm TMD: 4,550.0ft
 Spud Date/Time: 5/24/1945
 BH Coord X: 6,122,393.57usft
 BH Coord Y: 2,285,921.98usft

Cement Depths - MD, TVD (ft) 186.0ft 204.0ft (TOC) 26.0ft, 26.0ft 204.0ft, 204.0ft		Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
			22" Hole	6.0	26.0	6.0	26.0				
			15.5" Hole	26.0	204.0	26.0	204.0				
			9.875" Hole	204.0	4,305.0	204.0	4,305.0				
			6.75" Hole	4,305.0	4,550.0	4,305.0	4,550.0				
			CONDUCTOR CASING Report Date: 5/7/1945 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	18.625	J-55	87.50		10.0	26.0	10.0	26.0
			SURFACE CASING Report Date: 5/24/1945 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	10.750	J-55	40.50		6.0	204.0	6.0	204.0			
PLUG BACK						Well: 62-2B S/T/R: 2/31S/23E					
Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL						
CEMENT	186.0	204.0	186.0	204.0	-----						
CEMENT	204.0	225.0	204.0	225.0	Cond. Csg. Cmt Vol: 61 cf						
PLUG BACK					Transit Cement Mix						
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.00, Density: 0.0 ppg						
CEMENT	2,950.0	3,100.0	2950.0	3100.0	Hole Size: 22"						
PLUG BACK					Casing Size: 18.625"						
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No						
CEMENT	4,277.0	4,305.0	4277.0	4305.0	Rtns to Sfc: 1 Bbl						
CEMENT	4,305.0	4,450.0	4305.0	4450.0	TOC: 10'						

					Surface Csg. Cmt Vol: 200 cf						
					Class 'C' Construction Cement						
					Yield: 1.18, Density: 0.0 ppg.						
					Hole Size: 15.5"						
					Casing Size: 10.75"						
					Top Job: 125 cf, Same Mix						
					Unknown Yield and Density						
					Rtns to Sfc: 8.7 Bbls						
					TTOC: 6'						

					Prod Csg. Cmt Vol: NA						
					Hole Size: NA						
					Casing Size: NA						
					Top Job: NA						
					Rtns to Sfc: NA						
					TTOC: NA						

					Screen/Slotted Liner Cmt Vol: NA						
					Hole Size: NA						
					Casing Size: NA						
					Top Job: NA						
					Rtns to Sfc: NA						
					TTOC: NA						

					Cavity Shot: None						
					Junk: None						

					Volume Behind Pipe:						
					Assumed Yield: 1.15						
					Theoretical Calculations (TTOC)						

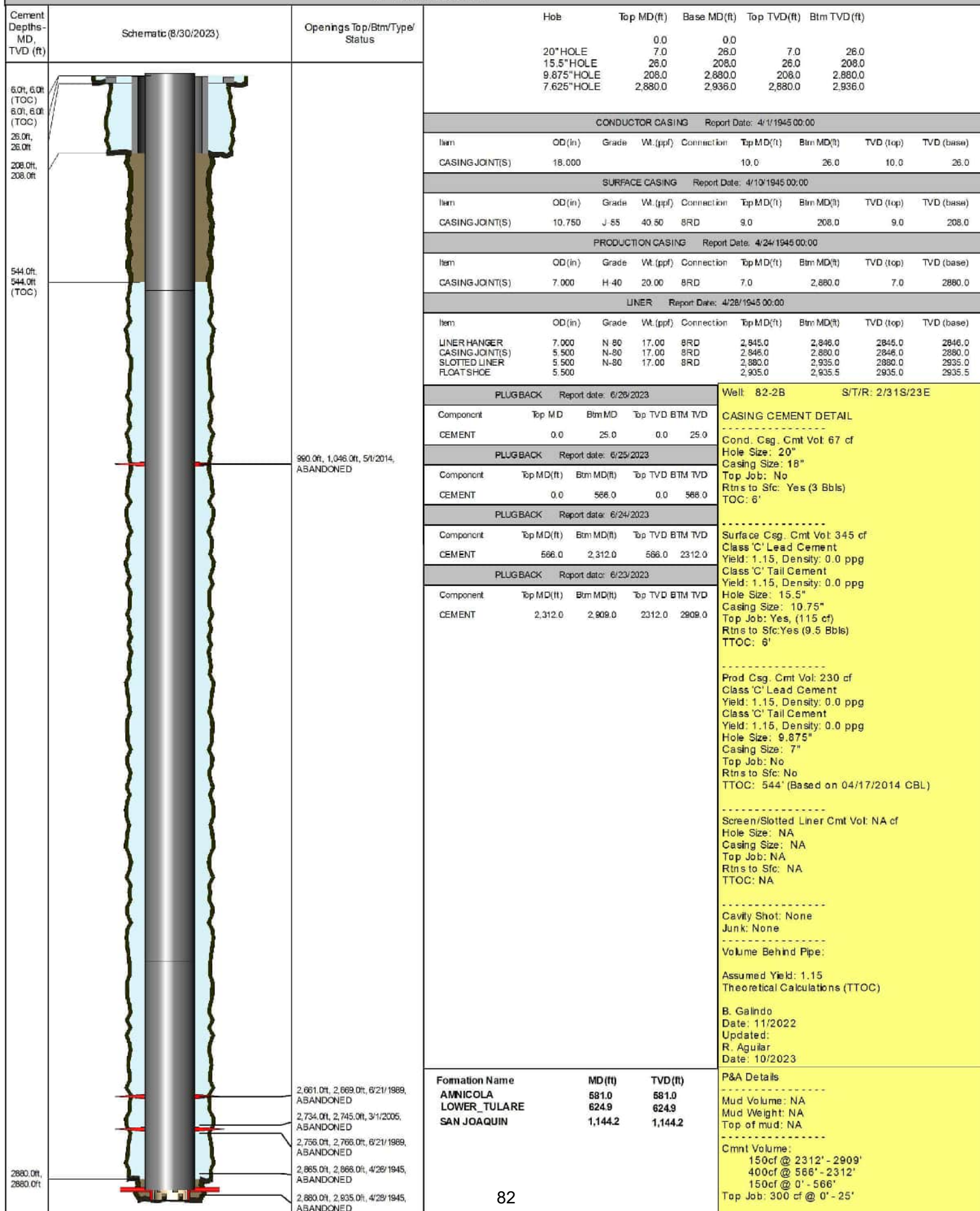
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: P&A
 Status Date: 8/30/2023

82-2B

Ground Level: 1,176.0ft
 Datum: Original DF @ 1,182.00ft (default)
 KB: 6.0ft
 API-10: 0402927892

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 2,936.0ft
 Spud Date/Time: 4/10/1945
 BH Coord X: 6,123,791.75usft
 BH Coord Y: 2,285,908.93usft



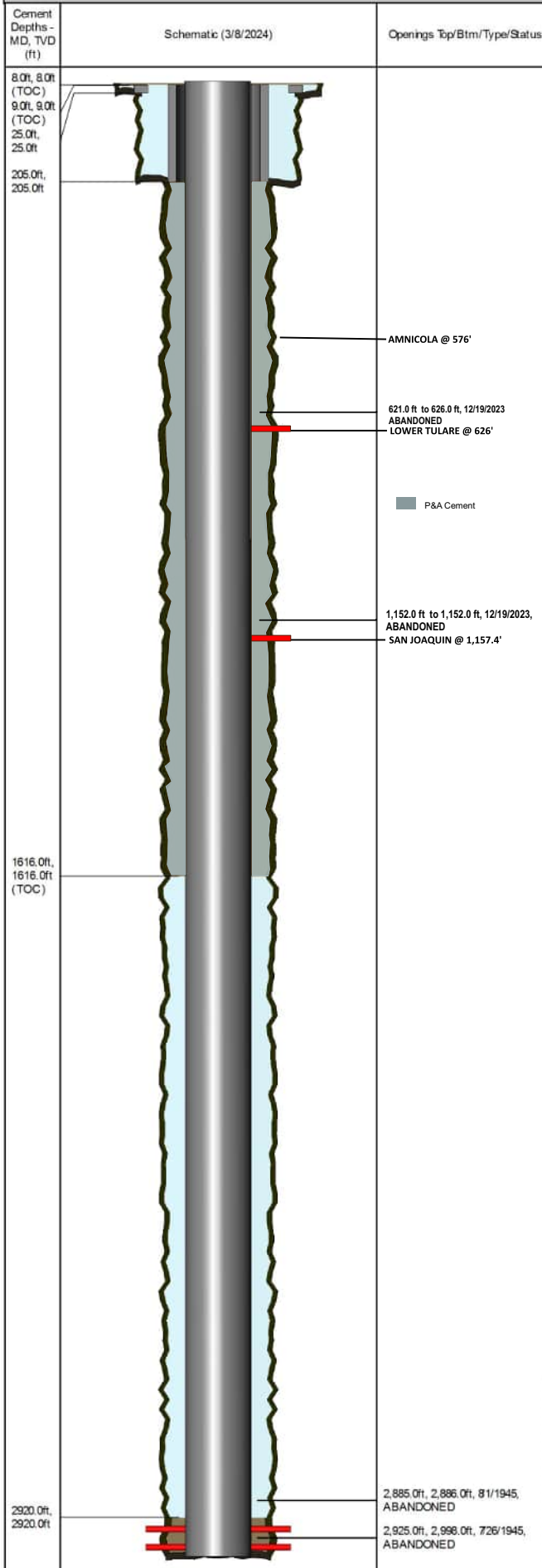
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P & A
 Status date: 3/8/2024

84-2B

Ground Level: 1,105.0ft
 Datum: Original DF @ 1,110.00ft (default)
 KB: 5.0ft
 API-10: 0402927893

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 3,000.0ft
 Spud Date: 7/12/1945
 BH Coord X: 6,123,714.75usft
 BH Coord Y: 2,284,570.93usft



Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
20" HOLE	5.0	25.0	5.0	25.0
15.5" HOLE	25.0	205.0	25.0	205.0
9.875" HOLE	205.0	3,000.0	205.0	3,000.0

CONDUCTOR CASING				Report Date: 7/12/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	18.000				9.0	25.0	9.0

SURFACE CASING				Report Date: 7/19/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	10.750	J-55	40.50	8RD	8.0	205.0	8.0

PRODUCTION CASING				Report Date: 7/26/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	7.000	H-40	20.00	8RD	6.0	2,925.0	6.0
SLOTTED LINER	7.000	J-55	20.00	8RD	2,925.0	2,998.0	2925.0

PLUG BACK			
Component	Top MD	Btm MD	Top TVD
CEMENT	1.0	2,998.0	1.0

TUBING STRING			
Component	Top MD(ft)	Btm MD(ft)	Top TVD
TH-SGL	5.0	5.7	5.0

Formation Name	MD (ft)	TVD (ft)
AMNICOLA	576.4	576.4
LOWER TULARE	626.0	626.0
SANJOAQUIN	1,157.4	1,157.4

Well: 84-2B S/T/R: 2/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: 61 cf
 Hole Size: 20"
 Casing Size: 18"
 Top Job: No
 Rtns to Sfc: Unknown
 TOC: 5'

Surface Csg. Cmt Vol: 236 cf
 Class 'C' Lead Cement: 236 cf
 Yield: 1.18, Density: 0.0 ppg.
 Class 'C' Tail Cement: 0 cf
 Yield: 0.0, Density: 0.0 ppg.
 Hole Size: 15.5"
 Casing Size: 10.75"
 Top Job: No
 Rtns to Sfc: Yes (22 cf)
 TTOC: 5'

Prod Csg. Cmt Vol: 354 cf
 Class 'C' Lead Cement: 236 cf
 Yield: 1.18 Density: 0.0 ppg.
 Class 'C' Tail Cement: 118 cf
 Yield: 1.18, Density: 0.0 ppg.
 Hole Size: 9.875"
 Casing Size: 7"
 Top Job: No
 Rtns to Sfc: No
 TTOC: 1616'

Screen/Slotted Liner Cmt Vol: NA
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TTOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:

Assumed Yield: 1.15
 Theoretical Calculations (TTOC)

R. Aguilar
 Date: 04/2024

P&A Mud & Cement Details

Mud Volume: NA
 Mud Weight: NA
 Top of Mud: NA

Cement: 163 cf @ 2310' - 2987'
 344 cf @ 874' - 2310'
 150 cf @ 343' - 898'
 Top of Cement: 115 cf @ 0' - 388'
 Top Job: 50 cf @ 0' - 25'

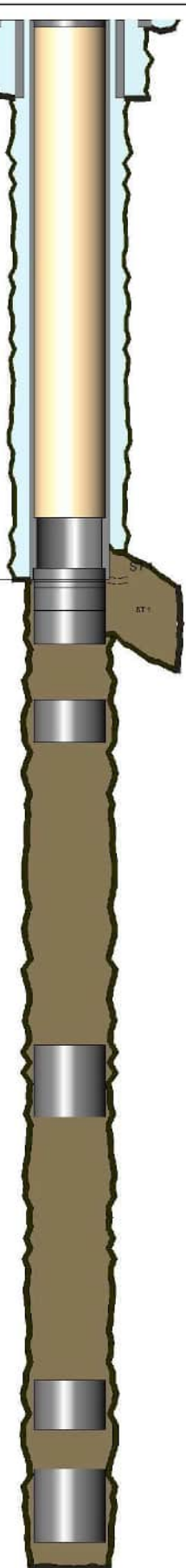
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: PERM ABAND
 Status date: 3/2/2005

384-2B

Ground Level: 1,104.0ft
 Datum: Original DF @ 1,113.00ft (default)
 KB: 9.0ft
 API-10: 0402952732

Wellbore: ORIGINAL HOLE
 PBMD: 3,646.0ft
 Btm TMD: 9,930.0ft
 Spud Date/Time: 2/15/1975
 BH Coord X: 6,123,398.75usft
 BH Coord Y: 2,284,536.21usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
9.0ft, 9.0ft (TOC)			24" Hole	9.0	58.0	9.0	58.0				
9.0ft, 9.0ft (TOC)			17.5" Hole	58.0	510.0	58.0	510.0				
9.0ft, 9.0ft (TOC)			12.25" Hole	510.0	3,595.0	510.0	3,594.8				
58.0ft, 58.0ft			8.75" Hole	3,595.0	9,930.0	3,594.8	9,919.4				
510.0ft, 510.0ft			CONDUCTOR CASING Report Date: 2/14/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	20.000	H-40	92.00		9.0	58.0	9.0	58.0
			SURFACE CASING Report Date: 2/16/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	13.375	K-55	54.50		9.0	510.0	9.0	510.0
	INTERMEDIATE CASING Report Date: 2/21/1976 00:00										
	Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
	CASING JOINT(S)	9.625	K-55	40.00		9.0	3,595.0	9.0	3594.8		
	PLUG BACK					Well: 384-2B S/T/R: 2/31S/23E					
	Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL					
	CEMENT	9.0	55.0	9.0	55.0	-----					
	MUD	55.0	3,197.0	55.0	3196.8	Cond. Csg. Cmt Vol: Unknown					
	PLUG BACK					Hole Size: 24"					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 20"					
	CEMENT	3,520.0	3,595.0	3519.8	3594.8	Top Job: No					
	CEMENT	3,595.0	3,608.0	3594.8	3607.8	Rtns to Sfc: Unknown					
	PLUG BACK					TOC: 9'					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----					
	CEMENT	3,608.0	3,652.0	3607.8	3651.8	Surface Csg. Cmt Vol: 564 cf					
	PLUG BACK					Class 'G' Lead Cement: 414 cf					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 12 ppg.					
	CEMENT	3,646.0	3,792.0	3645.8	3791.7	Class 'G' Tail Cement: 150 cf					
	PLUG BACK					Yield: 1.15, Density: NA ppg.					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 17.5"					
	CEMENT	3,795.0	4,006.0	3794.7	4005.7	Casing Size: 13.375"					
	PLUG BACK					Top Job: No					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: Yes (11 Bbls)					
	CEMENT	4,363.0	4,636.0	4362.6	4635.5	TTOC: 9'					
	PLUG BACK					-----					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Prod Csg. Cmt Vol: 1805 cf					
	CEMENT	4,636.0	4,799.0	4635.5	4900.0	Class 'G' Lead Cement: 1577 cf					
	PLUG BACK					Yield: 1.15, Density: NA ppg.					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Tail Cement: 228 cf					
	CEMENT	4,799.0	5,000.0	4799.0	5000.0	Yield: 1.15, Density: NA ppg.					
	PLUG BACK					Hole Size: 12.25"					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 9.625"					
	CEMENT	5,000.0	5,100.0	5000.0	5100.0	Top Job: No					
	PLUG BACK					Rtns to Sfc: Yes (119 Bbls)					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: 9'					
	CEMENT	5,100.0	5,200.0	5100.0	5200.0	-----					
	PLUG BACK					Screen/Slotted Liner Cmt Vol: NA					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: NA					
	CEMENT	5,200.0	5,300.0	5200.0	5300.0	Casing Size: NA					
	PLUG BACK					Top Job: NA					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: NA					
	CEMENT	5,300.0	5,400.0	5300.0	5400.0	TTOC: NA					
	PLUG BACK					-----					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Cavity Shot: None					
	CEMENT	5,400.0	5,500.0	5400.0	5500.0	Junk: None					
	PLUG BACK					-----					
	PLUG BACK					Volume Behind Pipe:					
	PLUG BACK					Assumed Yield: 1.15					
	PLUG BACK					Theoretical Calculations (TTOC)					
	PLUG BACK					R. Aguilar					
	PLUG BACK					Date: 11/2022					
	FORMATION					P&A Mud & Cement Details					
	AMNICOLA					-----					
	LOWER TULARE					Mud Volume: NA					
	SAN JOAQUIN					Mud Weight: NA					
						Top of Mud: NA					
						Cement: 208 cf @ 9288' - 9750'					
						146 cf @ 8720' - 9037'					
						250 cf @ 6576' - 7033'					
						130 cf @ 4363' - 4635'					
						130 cf @ 3795' - 4008'					
						141 cf @ 3646' - 3790'					
						KOP: @ 6813'					

84

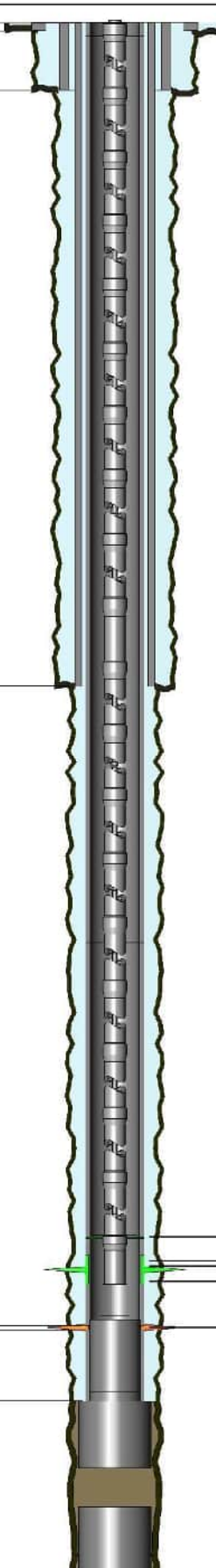
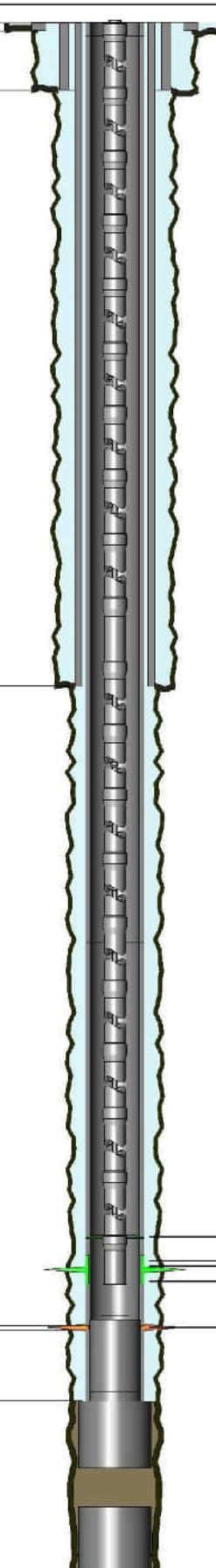
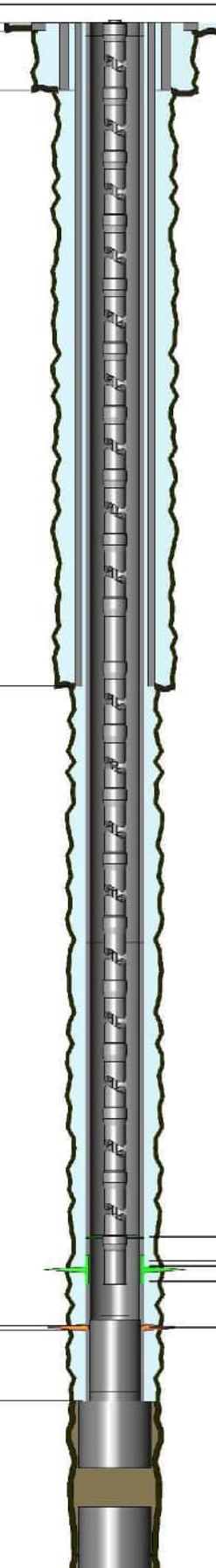
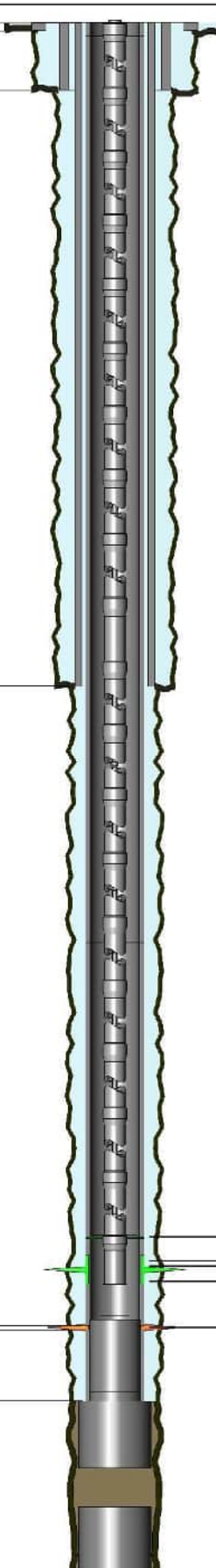
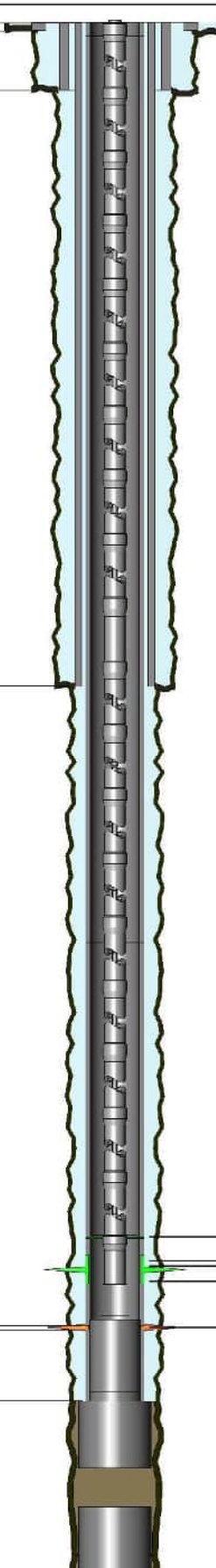
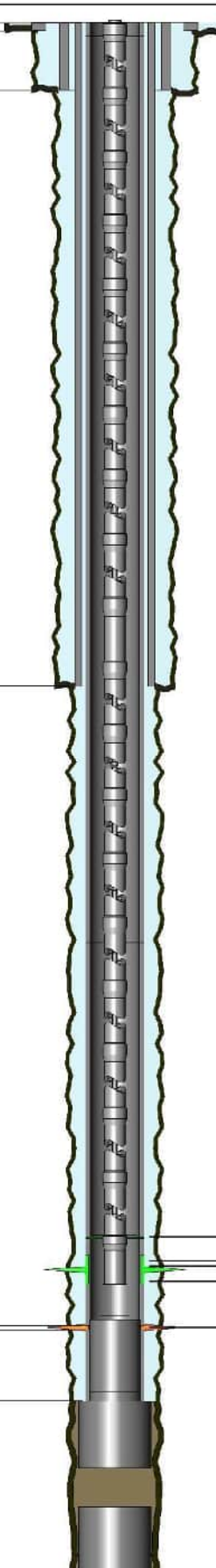
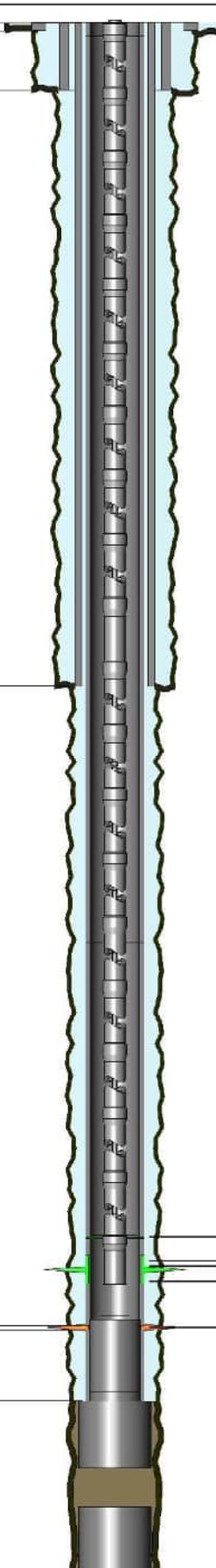
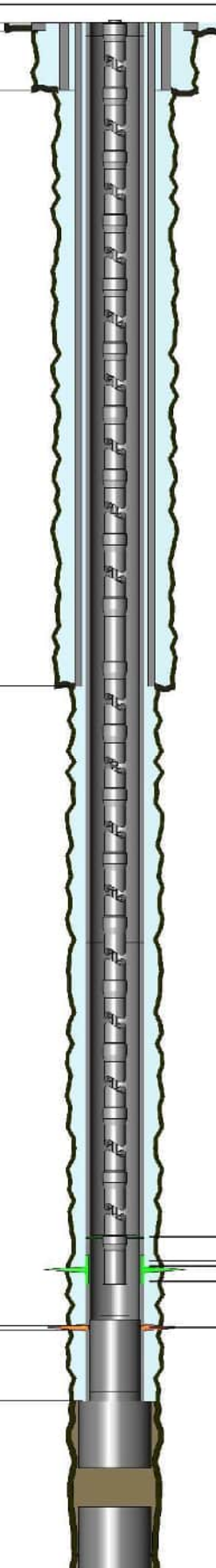
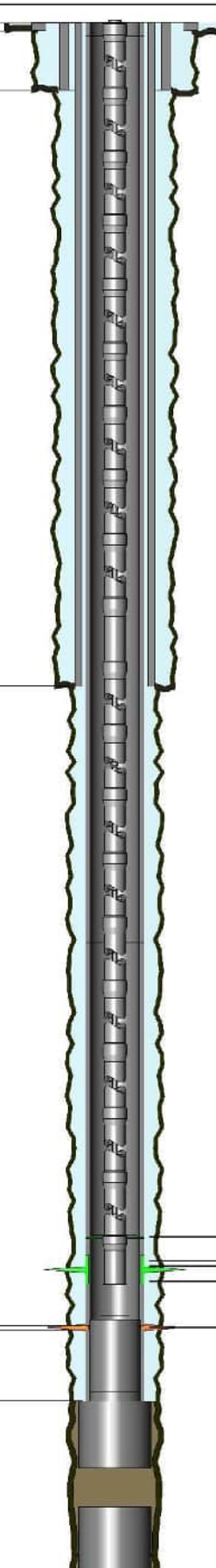
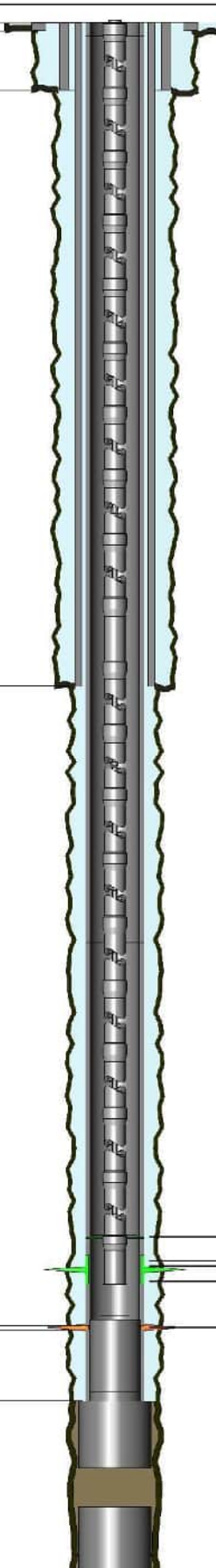
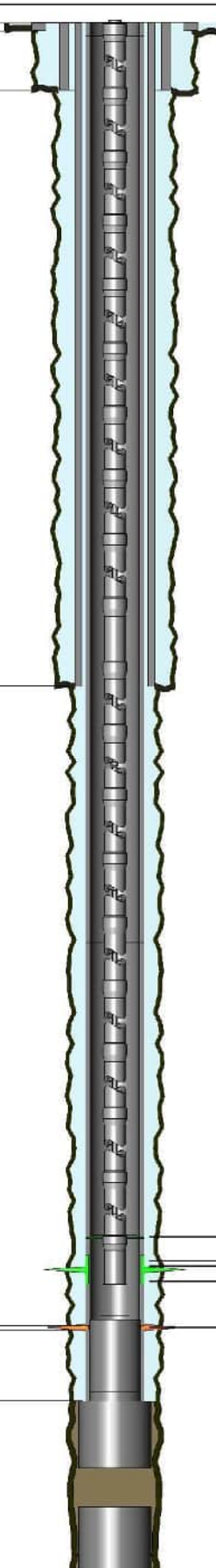
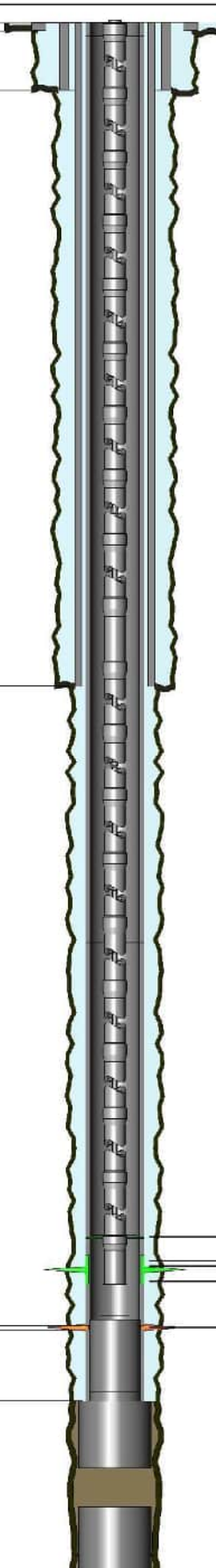
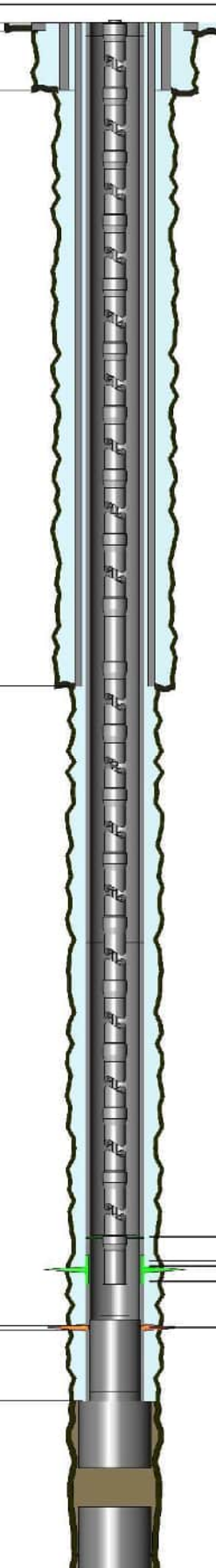
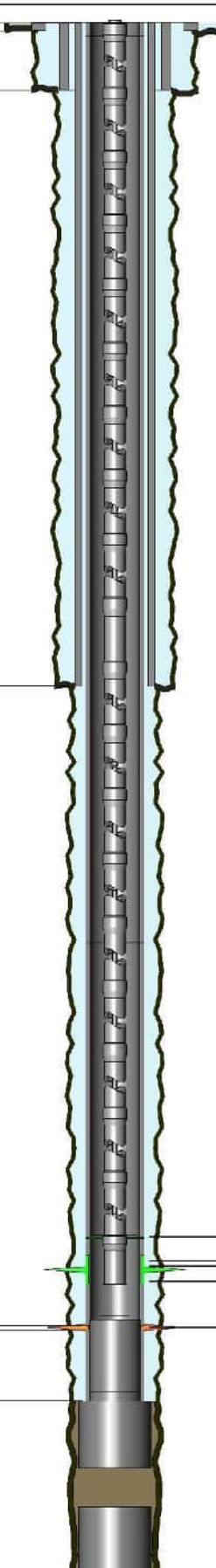
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 11/2/2016

342-2B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,161.00ft (WELACO WLU)(default)
 KB: 12.0ft
 API-10: 0402954278

Wellbore: ORIGINAL HOLE
 PBMD: 6,634.0ft
 Btm TMD: 8,000.0ft
 Spud Date/Time: 12/3/1976
 BH Coord X: 6,120,935.45usft
 BH Coord Y: 2,286,173.63usft

Cement Depths - MD, TVD (ft)	Schematic (11/2/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)															
12.0ft 12.0ft (TOC) 12.0ft 12.0ft (TOC) 12.0ft 12.0ft (TOC) 12.0ft 12.0ft (TOC) 53.0ft 53.0ft 356.0ft 356.0ft			24" Hole	12.0	53.0	12.0	53.0															
			17.5" Hole	53.0	358.0	53.0	358.0															
			12.25" Hole	358.0	3,400.0	358.0	3,399.9															
			8.75" Hole	3,400.0	8,000.0	3,399.9	7,990.3															
			CONDUCTOR CASING Report Date: 10/15/1976 00:00																			
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)											
			CASING JOINT(S)	20.000				12.0	53.0	12.0	53.0											
			SURFACE CASING Report Date: 12/4/1976 00:00																			
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)											
			CASING JOINT(S)	13.375	K-55	54.50		12.0	356.0	12.0	356.0											
			INTERMEDIATE CASING Report Date: 12/9/1976 00:00																			
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)											
			CASING JOINT(S)	9.625	K-55	40.00		12.0	3,400.0	12.0	3399.9											
			PRODUCTION CASING Report Date: 1/3/1977 00:00																			
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)											
			CASING JOINT(S)	7.000	K-55	26.00		12.0	81.0	12.0	81.0											
			CASING JOINT(S)	7.000	K-55	23.00		81.0	4,709.0	81.0	4708.7											
			CASING JOINT(S)	7.000	K-55	23.00		4,709.0	5,341.0	4708.7	5340.2											
			CASING JOINT(S)	7.000	K-55	26.00		5,341.0	7,050.0	5340.2	7046.3											
3400.0ft 3399.9ft			TUBING STRING																			
			Component	Top MD	Btm MD	Top TVD	BTM TVD															
			TH-DBB	12.0	12.7	12.0	12.7															
			FATNIP	12.7	13.4	12.7	13.4															
			TH-GJNT	13.4	6,199.2	13.4	6197.5															
			AC	6,199.2	6,201.6	6197.5	6199.9															
			TH-GJNT	6,201.6	6,449.7	6199.9	6447.3															
			STNIP	6,449.7	6,450.8	6447.3	6448.4															
			PUPJNT	6,450.8	6,454.9	6448.4	6452.5															
			STCOLL	6,454.9	6,455.4	6452.5	6452.9															
			MECHANICAL ITEM																			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD															
			FISH	6,611.0	6,614.0	6608.2	6611.2															
			PLUG BACK																			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD															
			CEMENT	6,634.0	7,000.0	6631.2	6996.5															
			PLUG BACK																			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD															
			CEMENT	7,000.0	7,050.0	6996.5	7046.3															
			CEMENT	7,050.0	7,100.0	7046.3	7096.1															
			PLUG BACK																			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD															
			CEMENT	7,100.0	7,392.0	7096.1	7396.6															
			PLUG BACK																			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD															
			CEMENT	7,591.0	8,000.0	7584.3	7990.3															
			ROD STRING																			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD															
			POLROD	0.0	36.0	0.0	36.0															
			PNYROD	36.0	52.0	36.0	52.0															
			R-4PER	52.0	2,122.0	52.0	2122.0															
			ROD	2,122.0	4,342.0	2122.0	4341.8															
			R-4PER	4,342.0	6,412.0	4341.8	6409.7															
			STB3P	6,412.0	6,416.0	6409.7	6413.7															
			NSPMP	6,416.0	6,446.0	6413.7	6443.6															
			Formation Name MD(ft) TVD(ft)																			
			AMNICOLA	562.3	562.3																	
			LOWER_TULARE	607.1	607.1																	
			SANJOAQUIN	1,121.8	1,121.8																	
6663.0ft 6660.1ft (TOC) 6685.0ft 6682.1ft 7050.0ft 7046.3ft			Casing Cement Detail																			
			Well: 342-2B S/T/R: 2/31S/23E																			
			Casing Cement Detail																			
			Cond. Csg. Cmt Vol: 62 cf Hole Size: 24" Casing Size: 20" Top Job: No Rtns to Sfc: Yes (Unknown) TTOC: 12'																			
			Surface Csg. Cmt Vol: 322 cf Class 'G' Lead Cement: 172 cf Yield: 1.15, Density: 0.00 ppg. Class 'G' Tail Cement: 150 cf Yield: 1.15 Density: 0.00 ppg. Hole Size: 17.5" Casing Size: 13.375" Top Job: No Rtns to Sfc: Yes (4 Bbls) TTOC: 12'																			
			Inter Csg. Cmt Vol: 1704 cf Class 'G' Lead Cement: 1474 cf Yield: 1.15, Density: 0.00 ppg. Class 'G' Tail Cement: 230 cf Yield: 1.15, Density: 0.00 ppg. Hole Size: 12.25" Casing Size: 9.625" Top Job: No Rtns to Sfc: Yes (50 Bbls) TTOC: 12'																			
			Prod Csg. Cmt Vol: 2150 cf Class 'G' Lead Cement: 1950 cf Yield: 1.15, Density: 0.00 ppg. Class 'G' Tail Cement: 200 cf Yield: 1.15, Density: 0.00 ppg. Hole Size: 8.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (18 Bbls) TTOC: 12'																			
			Cavity Shot: None Junk: FISH @ 6611' - 6614'																			
			Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)																			
			R. Aguilar Date: 11/2022																			

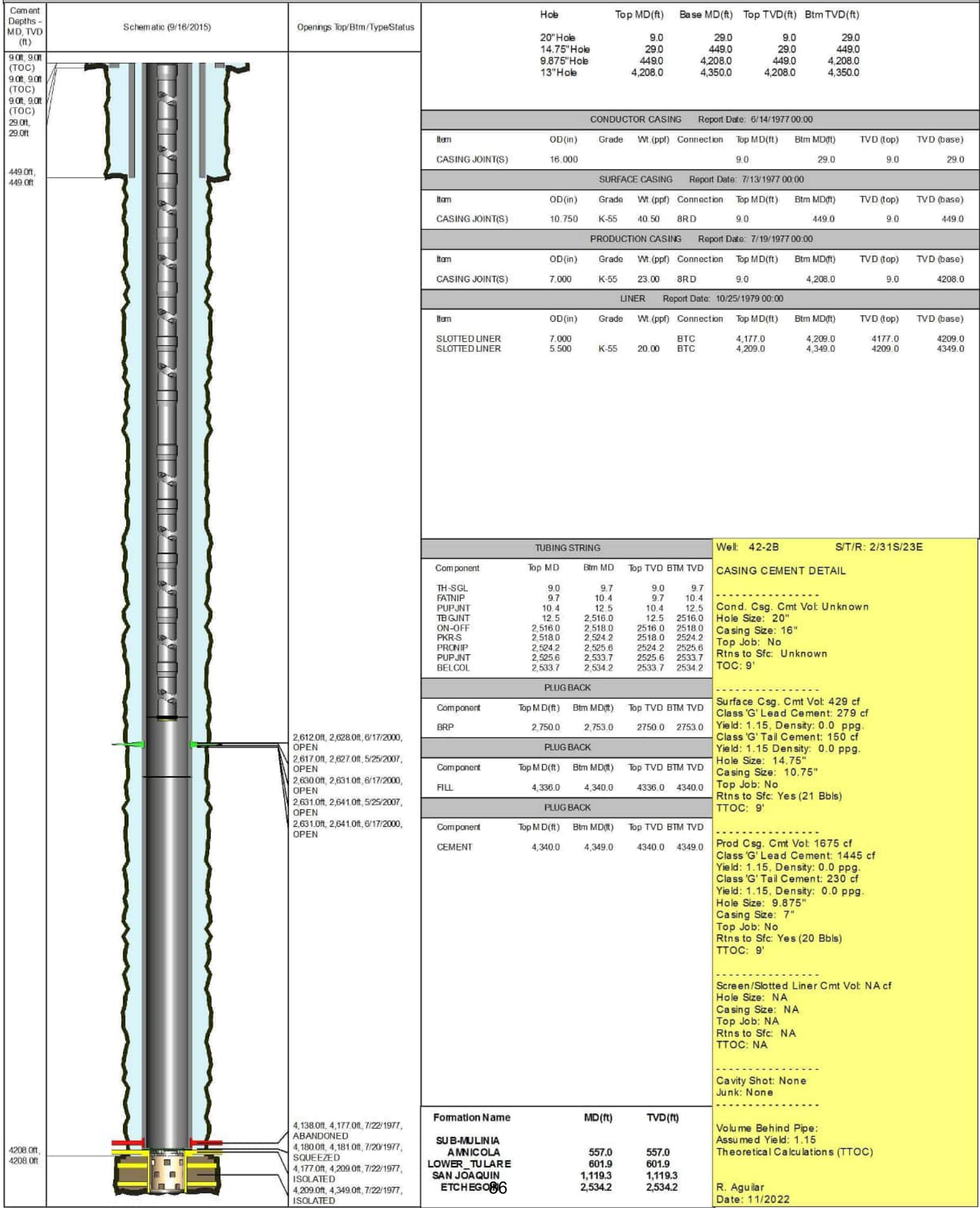
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 9/16/2015

42-2B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,158.00ft (default)
 KB: 9.0ft
 API-10: 0402955674

Wellbore: ORIGINAL HOLE
 PBMD: 2,750.0ft
 Btm TMD: 4,350.0ft
 Spud Date/Time: 7/12/1977
 BH Coord X: 6,121,009.76usft
 BH Coord Y: 2,286,026.93usft



2,612.0ft, 2,628.0ft, 6/17/2000, OPEN
 2,617.0ft, 2,627.0ft, 5/25/2007, OPEN
 2,630.0ft, 2,631.0ft, 6/17/2000, OPEN
 2,631.0ft, 2,641.0ft, 5/25/2007, OPEN
 2,631.0ft, 2,641.0ft, 6/17/2000, OPEN

4,138.0ft, 4,177.0ft, 7/22/1977, ABANDONED
 4,180.0ft, 4,181.0ft, 7/20/1977, SQUEEZED
 4,177.0ft, 4,209.0ft, 7/22/1977, ISOLATED
 4,209.0ft, 4,349.0ft, 7/22/1977, ISOLATED

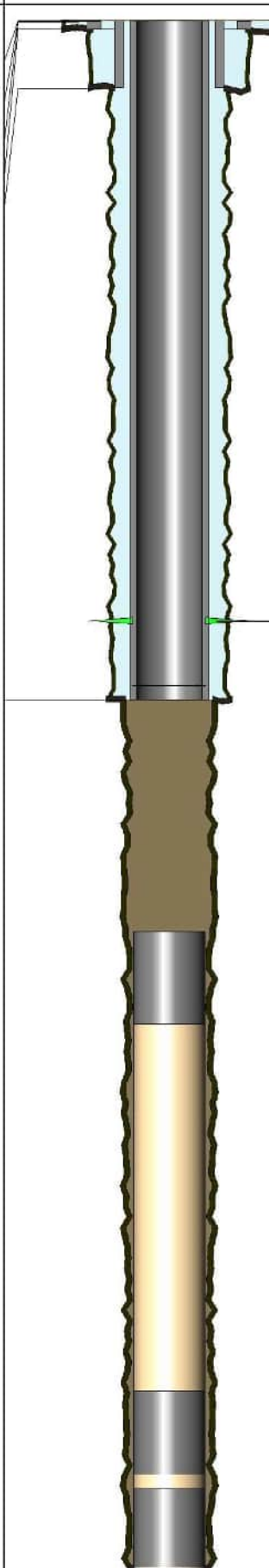
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 End date: 10/15/2005

3-22-2B

Ground Level: 1,142.0ft
 Datum: Original DF @ 1,157.00ft (KEY 0446)(default)
 KB: 15.0ft
 API-10: 0402956062

Wellbore: ORIGINAL HOLE
 PBMD: 3,384.0ft
 Btm TMD: 6,819.0ft
 Spud Date/Time: 9/26/1977
 BH Coord X: 6,119,822.86usft
 BH Coord Y: 2,286,359.13usft

Cement Depths - MD, TVD (ft)	Schematic (10/15/2005)	Openings Top/Btm/Type/Status	Hole	Top MD (ft)	Base MD (ft)	Top TVD (ft)	Btm TVD (ft)				
18.0ft, 19.5ft (TOC) 19.0ft, 20.5ft (TOC) 22.0ft, 23.5ft (TOC) 56.0ft, 57.5ft 315.0ft, 316.3ft			24"Hole	15.0	56.0						
			17.5"Hole	56.0	315.0						
			12.25"Hole	315.0	3,000.0						
			8.75"Hole	3,000.0	6,819.0	6,790.9					
CONDUCTOR CASING Report Date: 8/2/1977 00:00											
Item	OD (in)	Grade	Wt (ppf)	Connection	Top MD (ft)	Btm MD (ft)	TVD (top)	TVD (base)			
CASING JOINT(S)	20.000	H-40	94.00	STC	22.0	56.0	23.5	57.5			
SURFACE CASING Report Date: 9/27/1977 00:00											
Item	OD (in)	Grade	Wt (ppf)	Connection	Top MD (ft)	Btm MD (ft)	TVD (top)	TVD (base)			
CASING JOINT(S)	13.375	K-55	54.50	STC	19.0	315.0	20.5	316.3			
PRODUCTION CASING Report Date: 10/1/1977 00:00											
Item	OD (in)	Grade	Wt (ppf)	Connection	Top MD (ft)	Btm MD (ft)	TVD (top)	TVD (base)			
CASING JOINT(S)	9.625	K-55	40.50		18.0	3,000.0	19.5	2999.3			
PLUG BACK											
Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 3-22-2B S/T/R: 2/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 24" Casing Size: 20" Top Job: No Rtns to Sfc: Unknown TOC: 15'						
CEMENT	2,937.0	2,940.0	2936.4	2939.4							
BP-PRM	2,940.0	2,943.0	2939.4	2942.4							
PLUG BACK											
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 333 cf Class 'G' Lead Cement: 183 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 150 cf Yield: 1.15, Density: 0.0 ppg. Hole Size: 17.5" Casing Size: 13.375" Top Job: No Rtns to Sfc: Yes (2 Bbls) TTOC: 15'						
CEMENT	4,020.0	4,425.0	4006.8	4406.2							
PLUG BACK											
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Prod Csg. Cmt Vol: 1520 cf Class 'G' Lead Cement: 1290 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 230 cf Yield: 1.15, Density: 0.0 ppg. Hole Size: 12.25" Casing Size: 9.625" Top Job: No Rtns to Sfc: Yes (49 Bbls) TTOC: 15'						
MUD	4,425.0	6,040.0	4406.2	6012.1							
PLUG BACK											
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Screen/Slotted Liner Cmt Vol: NA Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA Cavity Shot: None Junk: None Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) R. Aguilar Date: 11/2022						
CEMENT	6,040.0	6,405.0	6012.1	6376.9							
PLUG BACK											
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	P&A Mud & Cement Details ----- Mud Volume: NA Mud Weight: NA Top of Mud: NA Cement: 225 cf @ 6468' - 6810' 165 cf @ 6040' - 6405' 165 cf @ 4020' - 4425' KOP: @ 3381'						
MUD	6,405.0	6,468.0	6376.9	6439.8							
PLUG BACK											
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Formation Name						
CEMENT	6,468.0	6,810.0	6439.8	6781.8							
PLUG BACK											
MUD	6,810.0	6,819.0	6781.8	6790.8							
SMULN											
AMNICOLA											
LOWER TULARE											
SAN JOAQUIN											
ETCHEGOIN											
MONTEREY											

2,640.0ft, 2,670.0ft, 8/8/1999, OPEN

3000.0ft, 2999.3ft

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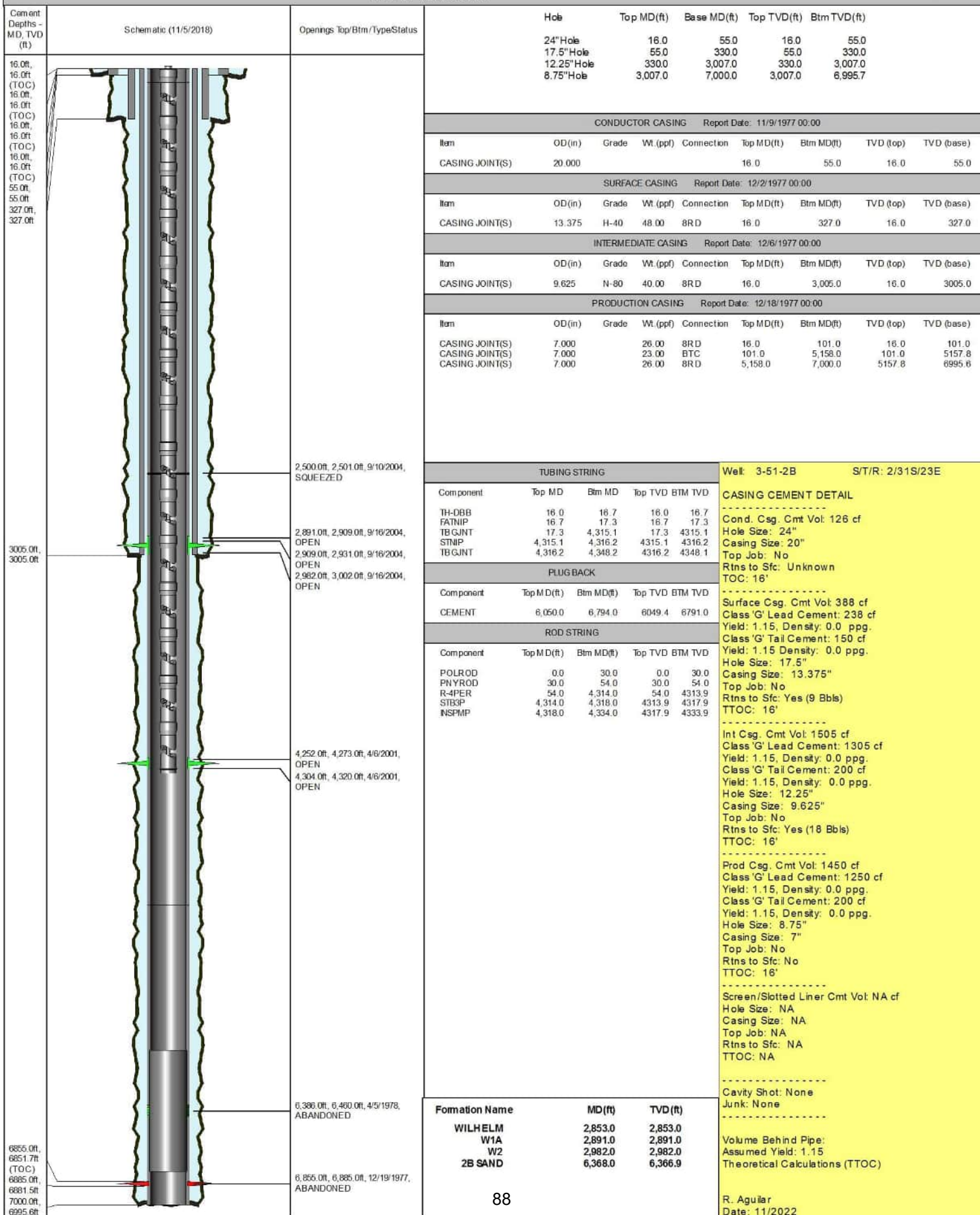
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 11/5/2018

3-51-2B

Ground Level: 1,193.0ft
 Datum: Original DF @ 1,209.00ft (default)
 KB: 16.0ft
 API-10: 0402956658

Wellbore: ORIGINAL HOLE
 PBMD: 6,050.0ft
 Btm TMD: 7,000.0ft
 Spud Date/Time: 12/2/1977
 BH Coord X: 6,121,537.57usft
 BH Coord Y: 2,286,584.42usft



Attachment A

Exhibit A-10 – Well Construction Details for Wells Located Within and Adjacent to ¼-Mile Radius Area of Review

**WELL CONSTRUCTION DETAILS
FOR WELLS LOCATED IN
SECTION 1B**

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 7/15/1950

1-1B

Ground Level: 1,172.1ft
 Datum: Original KB @ 1,177.10ft (default)
 KB: 5.0ft
 API-10: 0402927876

Wellbore: ORIGINAL HOLE
 PBMD: 5.0ft
 Btm TMD: 2,730.0ft
 Spud Date/Time: 8/21/1923
 BH Coord X: 6,129,427.24usft
 BH Coord Y: 2,286,514.43usft

Cement Depths - MD, TVD (ft)	Schematic (7/15/1950)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)	
			20" HOLE	5.0	1,190.0	5.0	1,190.0	
			15" HOLE	1,190.0	2,449.0	1,190.0	2,449.0	
			10" HOLE	2,449.0	2,730.0	2,449.0	2,730.0	
SURFACE CASING Report Date: 9/2/1923 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	15.500		70.00	10 RD	5.0	1,190.0	5.0	1190.0
INTERMEDIATE CASING Report Date: 10/28/1923 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	10.000		45.00	10 RD	1,145.0	2,449.0	1145.0	2449.0
PRODUCTION CASING Report Date: 11/23/1923 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	8.250		32.00	10 RD	2,352.0	2,469.0	2352.0	2469.0
SLOTTED CASING	8.250		36.00	10 RD	2,469.0	2,730.0	2469.0	2730.0
PLUG BACK					Well: 1-1B			S/T/R: 1/31S/23E
Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
CEMENT	5.0	57.0	5.0	57.0	-----			
PLUG BACK					Cond. Csg. Cmt Vol: NA			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: NA			
CEMENT	953.0	1,026.0	953.0	1026.0	Casing Size: NA			
PLUG BACK					Top Job: NA			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: NA			
CEMENT	2,306.0	2,352.0	2306.0	2352.0	TOC: NA			
CEMENT	2,352.0	2,469.0	2352.0	2469.0	-----			
CEMENT	2,469.0	2,470.0	2469.0	2470.0	Surface Csg. Cmt Vol: 230 cf			
PLUG BACK					Class 'C' Lead Cement: 0 cf			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 12 ppg.			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Class " Tail Cement: 0 cf			
CEMENT					Yield: 0.0, Density: 0 ppg.			
					Hole Size: 20"			
					Casing Size: 15.5"			
					Top Job: No			
					Rtns to Sfc: No			
					TTOC: 926'			

					Int Csg. Cmt Vol: 230 cf			
					Class 'G' Lead Cement: 0 cf			
					Yield: 1.15, Density: 12 ppg.			
					Class " Tail Cement: 0 cf			
					Yield: 0.0, Density: 0 ppg.			
					Hole Size: 15"			
					Casing Size: 10"			
					Top Job: No			
					Rtns to Sfc: No			
					TTOC: 2112'			

					Screen/Slotted Liner Cmt Vol: NA			
					Hole Size: NA			
					Casing Size: NA			
					Top Job: NA			
					Rtns to Sfc: NA			
					TTOC: NA			

					Cavity Shot: None			
					Junk: None			

					Volume Behind Pipe:			
					Assumed Yield: 1.15			
					Theoretical Calculations (TTOC)			

					R. Aguilar			
					Date: 11/2022			
					P&A Mud & Cement Details			

					Mud Volume: NA			
					Mud Weight: NA			
					Top of Mud: NA			
					Cement: 75 cf @ 2502'			
					270 cf @ 2306'			
					230 cf @ 953'			

					Top of Cement: 58 cf @ 0' - 57'			

926.0ft, 926.0ft (TOC)

1190.0ft, 1190.0ft

2112.0ft, 2112.0ft (TOC)

2449.0ft, 2449.0ft

2,469.0ft, 2,730.0ft, SLOTTED, 11/23/1923 00:00, ABANDONED,

45

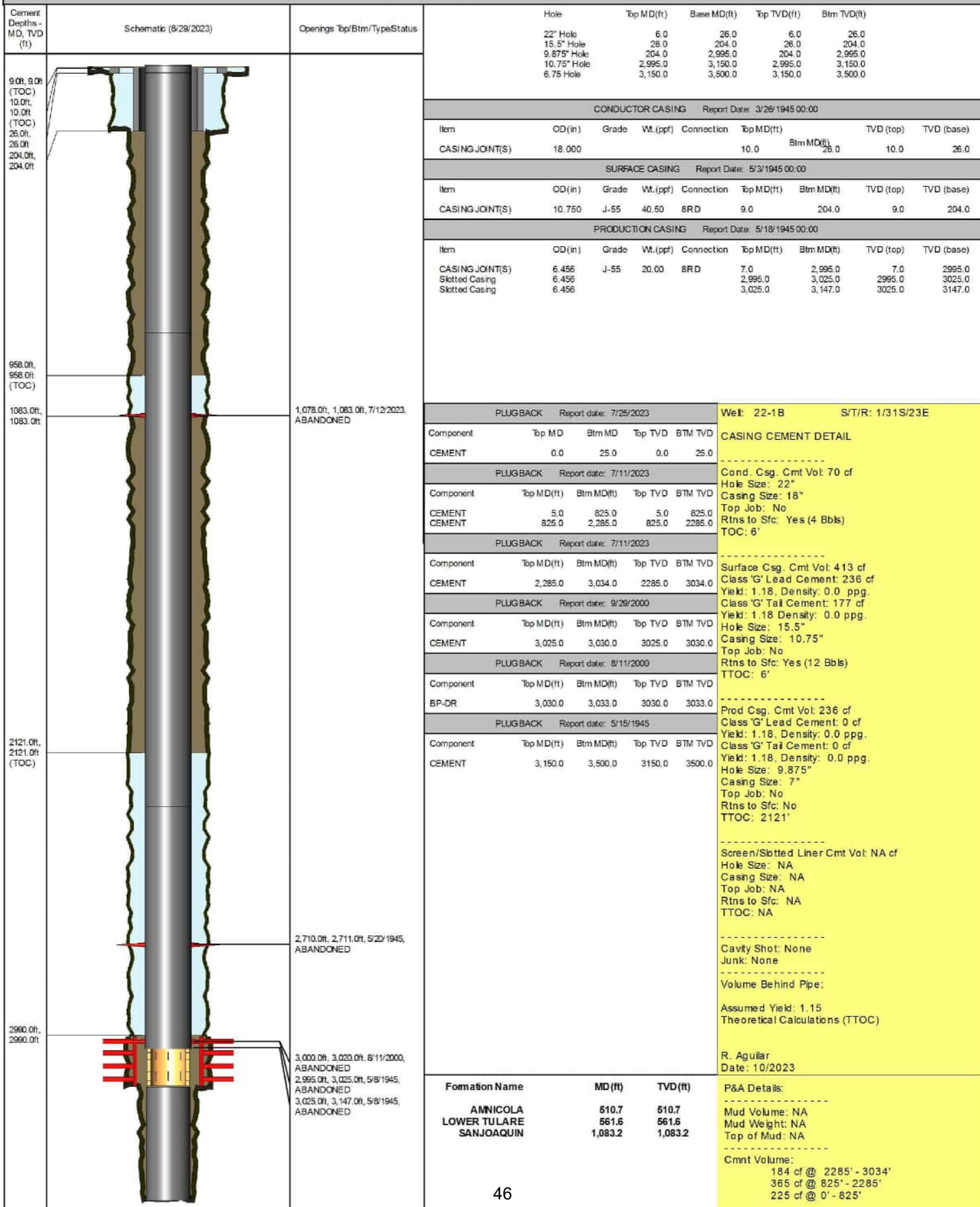
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 8/29/2023

22-1B

Ground Level: 1,115.0ft
 Datum: Original DF @ 1,121.00ft (default)
 KB: 6.0ft
 API-10: 0402927878

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 3,500.0ft
 Spud Date/Time: 5/3/1945
 BH Coord X: 6,125,054.25usft
 BH Coord Y: 2,285,905.93usft



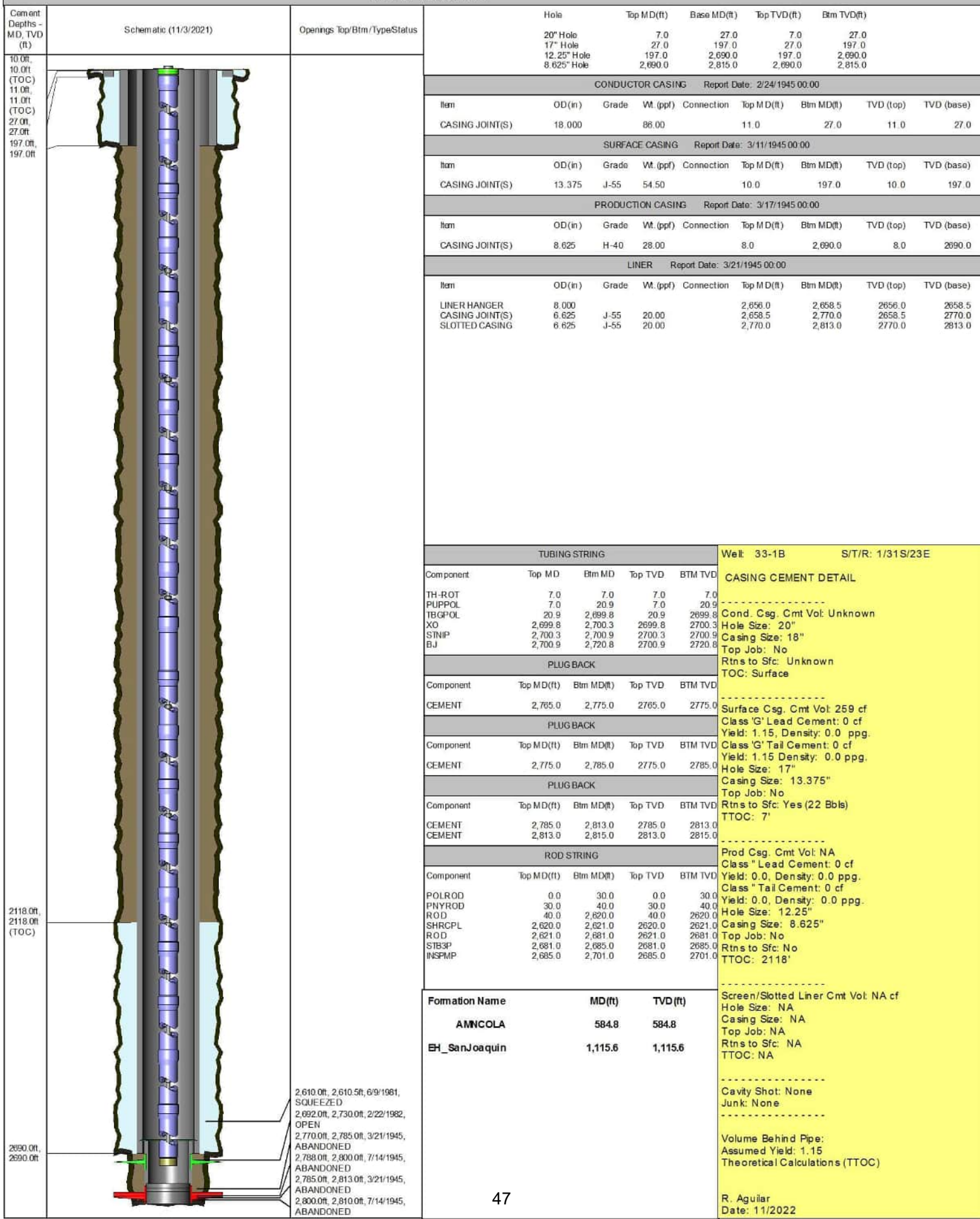
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/3/2021

33-1B

Ground Level: 1,102.0ft
 Datum: Original KB @ 1,109.00ft (default)
 KB: 7.0ft
 API-10: 0402927879

Wellbore: ORIGINAL HOLE
 PBMD: 2,784.0ft
 Btm TMD: 2,815.0ft
 Spud Date/Time: 3/11/1945
 BH Coord X: 6,125,784.25usft
 BH Coord Y: 2,285,220.93usft



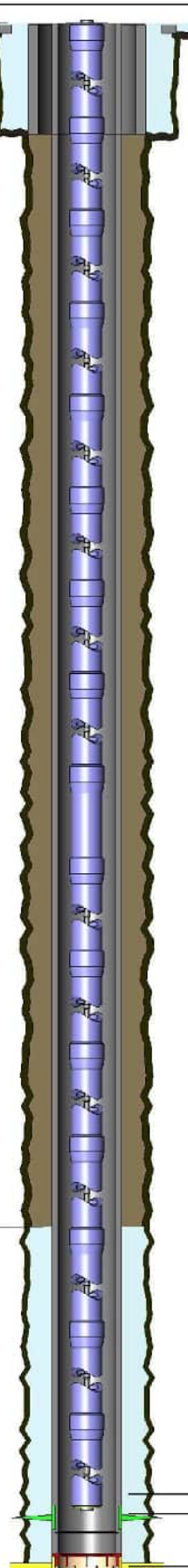
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/4/2021

53-1B

Ground Level: 1,178.0ft
 Datum: Original KB @ 1,183.00ft (default)
 KB: 5.0ft
 API-10: 0402927881

Wellbore: ORIGINAL HOLE
 PBMD: 2,775.0ft
 Btm TMD: 2,875.0ft
 Spud Date/Time: 1/22/1945
 BH Coord X: 6,127,053.75usft
 BH Coord Y: 2,285,199.43usft

Cement Depths - MD, TVD (ft)	Schematic (9/4/2021)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)								
5.0ft, 5.0ft (TOC)			20" HOLE	5.0	25.0	5.0	25.0								
9.0ft, 9.0ft (TOC)			16" HOLE	25.0	210.0	25.0	210.0								
25.0ft, 25.0ft			10.625" HOLE	210.0	2,875.0	210.0	2,875.0								
210.0ft, 210.0ft			CONDUCTOR CASING Report Date: 1/5/1945 00:00												
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
			CASING JOINT(S)	18.000				9.0	25.0	9.0	25.0				
			SURFACE CASING Report Date: 1/23/1945 00:00												
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
			CASING JOINT(S)	11.750	H-40	42.00	8RD	8.0	209.5	8.0	209.5				
			GUIDE SHOE	11.750	H-40	42.00	8RD	209.5	210.0	209.5	210.0				
			PRODUCTION CASING Report Date: 2/4/1945 00:00												
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
			CASING JOINT(S)	7.000	J-55	20.00	8RD	6.0	2,815.0	6.0	2815.0				
			FLOAT COLLAR	7.000	J-55	20.00	8RD	2,815.0	2,820.0	2815.0	2820.0				
			SLOTTED CASING	7.000	J-55	20.00	8RD	2,820.0	2,855.0	2820.0	2855.0				
			CASING JOINT(S)	7.000	J-55	20.00	8RD	2,855.0	2,873.0	2855.0	2873.0				
			TUBING STRING												
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 53-1B S/T/R: 1/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 20" Casing Size: 18" Top Job: No Rtns to Sfc: Unknown TOC: 5'							
			TH-SGL	5.0	5.0	5.0	5.0								
			XO	5.0	6.1	5.0	6.1								
			TBGPOL	6.1	2,725.3	6.1	2725.3								
			XO	2,725.3	2,725.8	2725.3	2725.8								
			STNIP	2,725.8	2,726.5	2725.8	2726.5								
			PUPJNT	2,726.5	2,730.7	2726.5	2730.7	Surface Csg. Cmt Vol: 173 cf Class 'G' Lead Cement: 0 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 0 cf Yield: 1.15, Density: 0.0 ppg. Hole Size: 16" Casing Size: 11.75" Top Job: No Rtns to Sfc: Yes (3 Bbls) TTOC: 5'							
			PLUG BACK												
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD								
			BP-DR	2,775.0	2,777.0	2775.0	2777.0								
			ROD STRING												
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD								
			POLROD	0.0	30.0	0.0	30.0	Prod Csg. Cmt Vol: 230 cf Class 'G' Lead Cement: 0 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 0 cf Yield: 1.15, Density: 0.0 ppg. Hole Size: 10.625" Casing Size: 7" Top Job: No Rtns to Sfc: No TTOC: 2215'							
			PNYROD	30.0	44.0	30.0	44.0								
			ROD	44.0	2,654.0	44.0	2654.0								
			SHRCPL	2,654.0	2,655.0	2654.0	2655.0								
			ROD	2,655.0	2,715.0	2655.0	2715.0								
			STB3P	2,715.0	2,719.0	2715.0	2719.0								
			INSPMP	2,719.0	2,735.0	2719.0	2735.0								
			Formation Name												
				MD(ft)		TVD(ft)									
			AMNICOLA	616.9		616.9									
			SANJOAQUIN	1,164.0		1,164.0									
			Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA												
			Cavity Shot: None Junk: None												
			Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)												
			R. Aguilar Date: 11/2022												
2215.0ft, 2215.0ft (TOC)			2,705.0ft, 2,706.0ft, 2/6/1945, SQUEEZED												
			2,727.0ft, 2,770.0ft, 4/5/2001, OPEN												
2875.0ft, 2875.0ft			2,820.0ft, 2,855.0ft, 2/4/1945, ISOLATED												

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Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 8/29/2023

Ground Level: 1,116.0ft
Datum: Original KB @ 1,121.00ft (default)
KB: 5.0ft
API-10: 0402927888

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 2,763.0ft
Spud Date/Time: 5/12/1952
BH Coord X: 6,125,116.25usft
BH Coord Y: 2,285,960.93usft

222-1B

Cement Depths - MD, TVD (ft)	Schematic (5/29/2023)	Openings Top/Btm/Type/Status	Hole		Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
			20" Hole	5.0	25.0	5.0	25.0	
			16" Hole	25.0	192.0	25.0	192.0	
			10.625" Hole	192.0	2,713.0	192.0	2,713.0	
			7.625" Hole	2,713.0	2,763.0	2,713.0	2,763.0	
CONDUCTOR CASING Report Date: 4/15/1952 00:00								
Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	18.000				9.0	25.0	9.0	25.0
SURFACE CASING Report Date: 5/13/1952 00:00								
Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	11.750	H-40	42.00	STC	8.0	192.0	8.0	192.0
PRODUCTION CASING Report Date: 5/18/1952 00:00								
Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	7.000	J-55	20.00	STC	6.0	2,713.0	6.0	2713.0
LINER Report Date: 5/20/1952 00:00								
Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	5.500	J-55	20.00	LTC	2,677.0	2,713.0	2677.0	2713.0
SLOTTED LINER	5.500	J-55	20.00	LTC	2,713.0	2,761.0	2713.0	2761.0
PLUGBACK Report date: 5/5/2023					Well: 222-1B S/T/R: 1/31S/23E			
Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
CEMENT	0.0	25.0	0.0	25.0	-----			
PLUGBACK Report date: 5/4/2023					Cond. Csg. Cmt Vol: 48 cf			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 20"			
CEMENT	0.0	741.0	0.0	741.0	Casing Size: 18"			
PLUGBACK Report date: 5/3/2023					Top Job: No			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: Yes (3 Bbls)			
CEMENT	741.0	2,396.0	741.0	2396.0	TOC: 5'			
PLUGBACK Report date: 5/2/2023					-----			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 590 cf			
CEMENT	2,396.0	2,743.0	2396.0	2743.0	Class 'C' Lead Cement: 0 cf			
					Yield: 1.18, Density: 0.0 ppg.			
					Class 'C' Tail Cement: 0 cf			
					Yield: 1.18 Density: 0.0 ppg.			
					Hole Size: 16"			
					Casing Size: 11.75"			
					Top Job: No			
					Rtns to Sfc: Yes (22 Bbls)			
					TTOC: 5'			

					Prod Csg. Cmt Vol: 480 cf			
					Class 'C' Lead Cement: 0 cf			
					Yield: 1.15, Density: 0.0 ppg.			
					Class 'C' Tail Cement: 0 cf			
					Yield: 1.15, Density: 0.0 ppg.			
					Hole Size: 9.875"			
					Casing Size: 7"			
					Top Job: No			
					Rtns to Sfc: No			
					TTOC: 1393'			

					Screen/Slotted Liner Cmt Vol: NA cf			
					Hole Size: NA			
					Casing Size: NA			
					Top Job: NA			
					Rtns to Sfc: NA			
					TTOC: NA			

					Cavity Shot: None			
					Junk: None			

					Volume Behind Pipe:			

					Assumed Yield: 1.15			
					Theoretical Calculations (TTOC)			

					R. Aguilar			
					Date: 10/2023			

					P&A Details			

					Mud Volume: NA			
					Mud Weight: NA			
					Top of Mud: NA			

					Cmnt Volume:			
					113cf @ 2396' - 2743'			
					420cf @ 741' - 2396'			
					240cf @ 0' - 741'			
					Top Job: 100 cf "G" @ 0' - 25'			

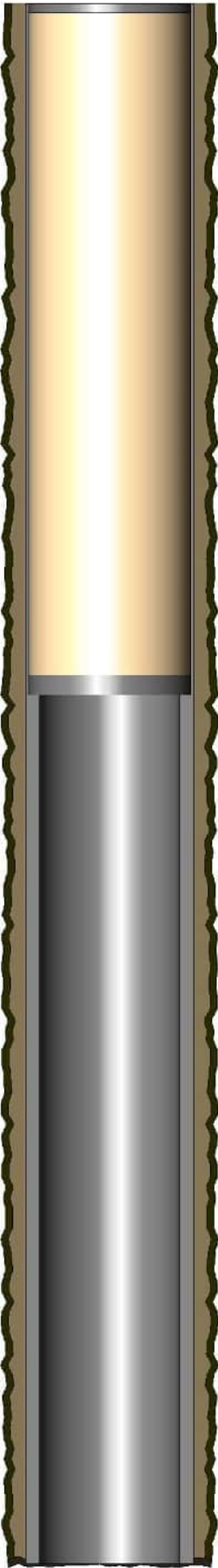
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 7/6/1934

1C-1B

Ground Level: 1,095.0ft
 Datum: Original KB @ 1,100.00ft (default)
 KB: 5.0ft
 API-10: 0402927889

Wellbore: ORIGINAL HOLE
 PBMD: 5.0ft
 Btm TMD: 2,763.0ft
 Spud Date/Time: 12/21/1921
 BH Coord X: 6,127,050.25usft
 BH Coord Y: 2,283,760.93usft

Cement Depths - MD, TVD (ft)	Schematic (7/6/1934)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)					
			18" Hole	5.0	795.0	5.0	795.0					
			SURFACE CASING Report Date: 12/21/1921 00:00									
			Item	OD(in)	Grade	VM (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000				5.0	795.0	5.0	795.0	
			PLUG BACK					Well: 1C-1B S/T/R: 1/31S/23E				
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL				
			CEMENT	5.0	10.0	5.0	10.0	-----				
			MUD	10.0	345.0	10.0	345.0	Cond. Csg. Cmt Vol: NA				
			CEMENT	345.0	355.0	345.0	355.0	Hole Size: 18"				
								Casing Size: 16"				
								Top Job: NA				
							Rtns to Sfc: NA					
							TOC: NA					

							Surface Csg. Cmt Vol: NA					
							Class " Lead Cement: NA cf					
							Yield: 0, Density: NA ppg.					
							Class " Tail Cement: NA cf					
							Yield: 0, Density: NA ppg.					
							Hole Size: NA					
							Casing Size: NA					
							Top Job: NA					
							Rtns to Sfc: NA					
							TTOC: NA					

							Prod Csg. Cmt Vol: NA					
							Class " Lead Cement: NA					
							Yield: 0, Density: NA ppg.					
							Class " Tail Cement: NA					
							Yield: 0, Density: NA ppg.					
							Hole Size: NA					
							Casing Size: NA					
							Top Job: NA					
							Rtns to Sfc: NA					
							TTOC: NA					

							Screen/Slotted Liner Cmt Vol: NA					
							Hole Size: NA					
							Casing Size: NA					
							Top Job: NA					
							Rtns to Sfc: NA					
							TTOC: NA					

							Cavity Shot: None					
							Junk: None					

							Volume Behind Pipe:					
							Assumed Yield: 1.15					
							Theoretical Calculations (TTOC)					
			Formation Name	MD(ft)	TVD(ft)	R. Aguilar						
			AMNICOLA	582.0	582.0	Date: 11/2022						
			AMNICOLA_BASE	647.8	647.8	P&A Mud & Cement Details						

						Mud Volume: NA						
						Mud Weight: NA						
						Top of Mud: NA						
						Cement: 533 cf @ 345'						
						Top of Cement: 4 cf @ Surface'						

50

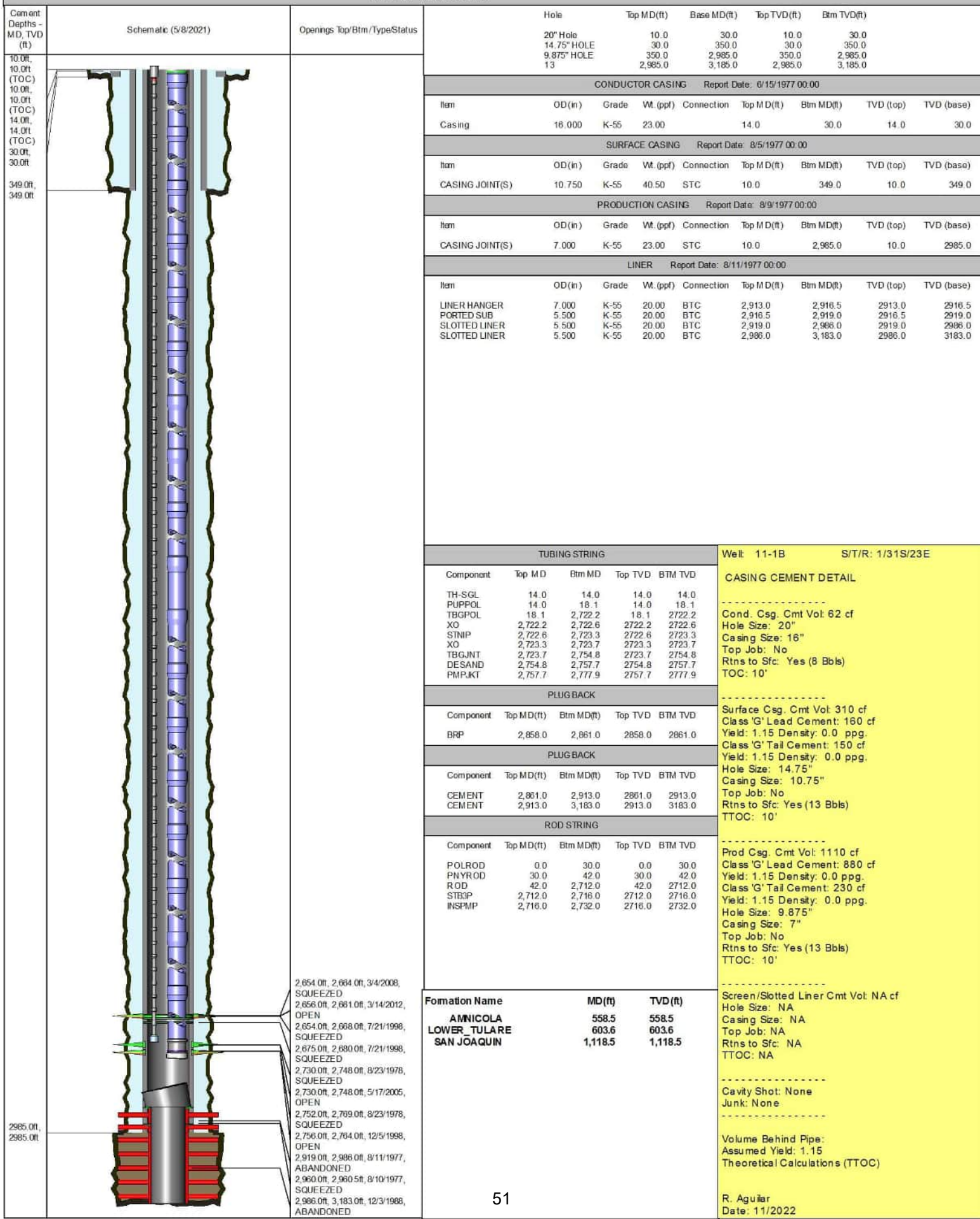
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/8/2021

11-1B

Ground Level: 1,184.0ft
 Datum: Original DF @ 1,194.00ft (default)
 KB: 10.0ft
 API-10: 0402955672

Wellbore: ORIGINAL HOLE
 PBMD: 2,858.0ft
 Btm TMD: 3,185.0ft
 Spud Date/Time: 8/4/1977
 BH Coord X: 6,124,385.75usft
 BH Coord Y: 2,286,532.93usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 5/29/2019

13-1B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,159.00ft (default)
 KB: 10.0ft
 API-10: 0402955673

Wellbore: ORIGINAL HOLE
 PBMD: 680.0ft
 Btm TMD: 3,232.5ft
 Spud Date/Time: 11/8/1978
 BH Coord X: 6,124,379.74usft
 BH Coord Y: 2,285,340.37usft

Cement Depths - MD, TVD (ft)	Schematic (5/29/2019)	Openings Top/Btm/Type/Status										
10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 30.0ft, 30.0ft 91.0ft, 91.0ft 360.0ft, 360.0ft												
680.0ft, 680.0ft												

CALIFORNIA RESOURCES ELK HILLS, LLC

21-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: INACTIVE
 Status date: 10/4/2016

Ground Level: 1,180.0ft
 Datum: Original DF @ 1,190.00ft (default)
 KB: 10.0ft
 API-10: 0402956092

Wellbore: ORIGINAL HOLE
 PBMD: 3,073.0ft
 Btm TMD: 3,175.0ft
 Spud Date: 10/12/1977 00:00
 BH Coord X: 6,125,062.25usft
 BH Coord Y: 2,286,568.93usft

Borehole Section	Cement Depths - MD, TVD (ft)	Schematic (10/4/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
10.0ft, 10.0ft, 30.0ft, 30.0ft	10.0ft, 10.0ft (TOC), 10.0ft, 10.0ft (TOC), 30.0ft, 30.0ft			20" Hole	10.0	30.0	10.0	30.0				
				14.75" HOLE	30.0	337.0	30.0	337.0				
				9.875" HOLE	337.0	2,980.0	337.0	2,980.0				
				13" HOLE	2,980.0	3,075.0	2,980.0	3,075.0				
				7.875" HOLE	3,075.0	3,175.0	3,075.0	3,175.0				
				CONDUCTOR CASING Report Date: 10/11/1977 00:00								
				Item	OD(in)	Grade	WM.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				CASING JOINT(S)	16.000				10.0	30.0	10.0	30.0
				SURFACE CASING Report Date: 10/12/1977 00:00								
				Item	OD(in)	Grade	WM.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				CASING JOINT(S)	10.750	K-55	40.50	STC	10.0	337.0	10.0	337.0
				PRODUCTION CASING Report Date: 10/16/1977 00:00								
				Item	OD(in)	Grade	WM.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				CASING JOINT(S)	7.000	K-55	23.00	STC	9.0	2,980.0	9.0	2980.0
				INNER LINER Report Date: 2/10/2006 00:00								
				Item	OD(in)	Grade	WM.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				SEAL ADAPTER	5.563				2,700.6	2,701.6	2700.6	2701.6
				LANDING NIPPLE	5.500				2,701.6	2,702.8	2701.6	2702.8
				SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,702.8	2,742.3	2702.8	2742.3
				SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,742.3	2,906.9	2742.3	2906.9
				CROSSOVER	5.500	K-55		HYD 511	2,906.9	2,907.8	2906.9	2907.8
				SLOTTED LINER	3.500	K-55	9.30	HYD 511	2,907.8	3,070.0	2907.8	3070.0
				DRILL-IN SHOE	3.500			HYD 511	3,070.0	3,073.0	3070.0	3073.0
			TUBING STRING					Well: 21-1B S/T/R: 1/31S/23E				
					TVD (top)		TVD (base)		CASING CEMENT DETAIL			
			TH-ROT	10.0	10.0	10.0	10.0		Cond. Csg. Cmt Vol: 54cf			
			PUPPOL	10.0	12.1	10.0	12.1		Hole Size: 20"			
			TBGPOL	12.1	2,893.6	12.1	2893.6		Casing Size: 16"			
			XO	2,893.6	2,894.1	2893.6	2894.1		Top Job: No			
			STNIP	2,894.1	2,894.8	2894.1	2894.8		Rtns to Sfc: Yes			
			XO	2,894.8	2,895.3	2894.8	2895.3		TOC: 10'			
			PMPJKT	2,895.3	2,914.9	2895.3	2914.9		Surf. Csg. Cmt Vol: 300 cf			
			PLUG BACK					Class 'G' Lead Cement 150 cf				
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		Yield: 1.3, Density: NA ppg.			
			CEMENT	3,083.0	3,156.0	3083.0	3156.0		Class 'G' Tail Cement 150 cf			
			ROD STRING					Yield: 1.3, Density: NA ppg.				
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		Hole Size: 14.75"			
			POLROD	0.0	30.0	0.0	30.0		Casing Size: 10.75"			
			PNYROD	30.0	34.0	30.0	34.0		Top Job: No			
			ROD	34.0	1,744.0	34.0	1744.0		Rtns to Sfc: Yes (13 bbls)			
			ROD	1,744.0	2,884.0	1744.0	2884.0		TOC: 10'			
			RSTBAR	2,884.0	2,888.0	2884.0	2888.0		Prod. Csg. Cmt Vol: 1,080 cf			
			INSRMP	2,888.0	2,900.0	2888.0	2900.0		Class 'G' Lead Cement 850 cf			
			Formation Name Top MD(ft) Top TVD(ft)					Yield: 1.3, Density: NA ppg.				
			AMNICOLA	540.2	540.2			Class 'G' Tail Cement 230 cf				
			LOWER_TULARE	585.5	585.5			Yield: 1.3, Density: NA ppg.				
			SANJOAQUIN	1,103.0	1,103.0			Hole Size: 9.875"				
			Casing Cement Detail					Casing Size: 7"				
			Cond. Csg. Cmt Vol: 54cf					Top Job: No				
			Hole Size: 20"					Rtns to Sfc: Yes (7 bbls)				
			Casing Size: 16"					TOC: 10'				
			Top Job: No					Cavity Shot: None				
			Rtns to Sfc: Yes					Junk: None				
			TOC: 10'					Formation Markers: (MD/TVD)				
			Surf. Csg. Cmt Vol: 300 cf					USDW:				
			Class 'G' Lead Cement 150 cf					BOFW:				
			Yield: 1.3, Density: NA ppg.					San Joaquin Formation:				
			Class 'G' Tail Cement 150 cf					Etchegoin Formation:				
			Yield: 1.3, Density: NA ppg.					Reef Ridge Formation & Top Upper Confining Interval:				
			Hole Size: 14.75"					Monterey Formation, Base Upper Confining Interval &				
			Casing Size: 10.75"					Top Injection Zone:				
			Top Job: No					Base Injection Zone: NA				
			Rtns to Sfc: Yes (13 bbls)					Top Lower Confining Interval: NA				
			TOC: 10'					Volume Behind Pipe:				
			Prod. Csg. Cmt Vol: 1,080 cf					Theoretical Calculations (ETOC)				
			Class 'G' Lead Cement 850 cf					E. Glauser				
			Yield: 1.3, Density: NA ppg.					Date: 09/2020				
			Class 'G' Tail Cement 230 cf									
			Yield: 1.3, Density: NA ppg.									
			Hole Size: 9.875"									
			Casing Size: 7"									
			Top Job: No									
			Rtns to Sfc: Yes (7 bbls)									
			TOC: 10'									
			Cavity Shot: None									
			Junk: None									
			Formation Markers: (MD/TVD)									
			USDW:									
			BOFW:									
			San Joaquin Formation:									
			Etchegoin Formation:									
			Reef Ridge Formation & Top Upper Confining Interval:									
			Monterey Formation, Base Upper Confining Interval &									
			Top Injection Zone:									
			Base Injection Zone: NA									
			Top Lower Confining Interval: NA									
			Volume Behind Pipe:									
			Theoretical Calculations (ETOC)									
			E. Glauser									
			Date: 09/2020									

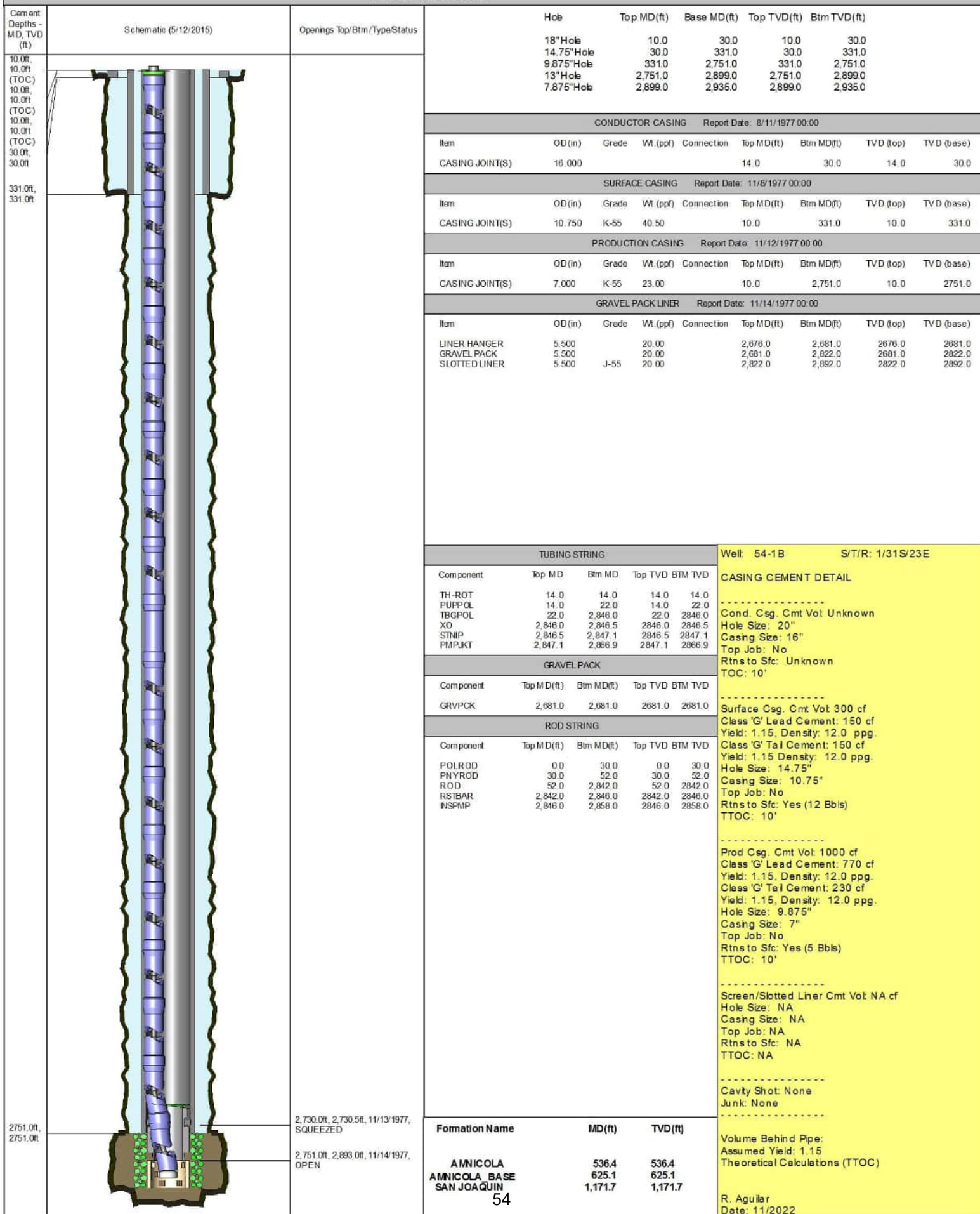
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/12/2015

54-1B

Ground Level: 1,126.0ft
 Datum: Original KB @ 1,136.00ft (default)
 KB: 10.0ft
 API-10: 0402956150

Wellbore: ORIGINAL HOLE
 PBMD: 2,935.0ft
 Btm TMD: 2,935.0ft
 Spud Date/Time: 11/8/1977
 BH Coord X: 6,127,104.25usft
 BH Coord Y: 2,284,591.93usft



2,730.0ft, 2,730.5ft, 11/13/1977,
 SQUEEZED

2,751.0ft, 2,893.0ft, 11/14/1977,
 OPEN

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 3/7/2014

43-1B

Ground Level: 1,135.0ft
 Datum: Original KB @ 1,144.00ft (default)
 KB: 9.0ft
 API-10: 0402957842

Wellbore: ORIGINAL HOLE
 PBMD: 2,828.0ft
 Btm TMD: 2,830.0ft
 Spud Date/Time: 6/14/1978
 BH Coord X: 6,126,464.25usft
 BH Coord Y: 2,285,230.93usft

Cement Depths - MD, TVD (ft)	Schematic (3/7/2014)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
9.0ft, 9.0ft (TOC)			18" Hole	9.0	29.0	9.0	29.0				
9.0ft, 9.0ft (TOC)			14.75" Hole	29.0	324.0	29.0	324.0				
13.0ft, 13.0ft (TOC)			9.875" Hole	324.0	2,720.0	324.0	2,720.0				
29.0ft, 29.0ft			13" Hole	2,720.0	2,830.0	2,720.0	2,830.0				
324.0ft, 324.0ft			CONDUCTOR CASING Report Date: 5/22/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				13.0	29.0	13.0	29.0
			SURFACE CASING Report Date: 6/14/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50		9.0	324.0	9.0	324.0
	PRODUCTION CASING Report Date: 6/18/1978 00:00										
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
	CASING JOINT(S)	7.000	K-55	23.00		9.0	2,718.0	9.0	2718.0		
	LINER Report Date: 6/20/1978 00:00										
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
	LINER HANGER	6.300				2,650.0	2,655.0	2650.0	2655.0		
	SLOTTED LINER	5.500	K-55	20.00		2,655.0	2,718.0	2655.0	2718.0		
	SLOTTED LINER	5.500	K-55	20.00		2,718.0	2,828.0	2718.0	2828.0		
	TUBING STRING					Well: 43-1B S/T/R: 1/31S/23E					
	Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL					
	TH-ROT	9.0	9.0	9.0	9.0	-----					
	FATNIP	9.0	9.7	9.0	9.7	Cond. Csg. Cmt Vol: Unknown					
	TBGPOL	9.7	2,772.3	9.7	2772.3	Hole Size: 18"					
	XO	2,772.3	2,772.7	2772.3	2772.7	Casing Size: 16"					
	STNIP	2,772.7	2,773.6	2772.7	2773.6	Top Job: No					
	PMPJKT	2,773.6	2,793.8	2773.6	2793.8	Rtns to Sfc: Unknown					
	ROD STRING					TOC: 9'					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----					
	POLROD	0.0	30.0	0.0	30.0	Surface Csg. Cmt Vol: 280 cf					
	PNYROD	30.0	46.0	30.0	46.0	Class 'G' Lead Cement: 130 cf					
	ROD	46.0	2,776.0	46.0	2776.0	Yield: 1.15, Density: 0.0 ppg.					
	RSTBAR	2,776.0	2,780.0	2776.0	2780.0	Class 'G' Tail Cement: 150 cf					
	INSPMP	2,780.0	2,796.0	2780.0	2796.0	Yield: 1.15 Density: 0.0 ppg.					
						Hole Size: 14.75"					
						Casing Size: 10.75"					
						Top Job: No					
						Rtns to Sfc: Yes (10 Bbls)					
						TTOC: 9'					

						Prod Csg. Cmt Vol: 950 cf					
						Class 'G' Lead Cement: 720 cf					
						Yield: 1.15, Density: 0.0 ppg.					
						Class 'G' Tail Cement: 230 cf					
						Yield: 1.15, Density: 0.0 ppg.					
						Hole Size: 9.875"					
						Casing Size: 7"					
						Top Job: No					
						Rtns to Sfc: Yes (14 Bbls)					
						TTOC: 9'					

						Screen/Slotted Liner Cmt Vol: NA cf					
						Hole Size: NA					
						Casing Size: NA					
						Top Job: NA					
						Rtns to Sfc: NA					
						TTOC: NA					

						Cavity Shot: None					
						Junk: None					

						Volume Behind Pipe:					
						Assumed Yield: 1.15					
						Theoretical Calculations (TTOC)					

						R. Aguilar					
						Date: 11/2022					

2718.0ft, 2718.0ft

2,680.0ft, 2,680.5ft, 6/19/1978, SQUEEZED

2,718.0ft, 2,828.0ft, 6/20/1978, OPEN

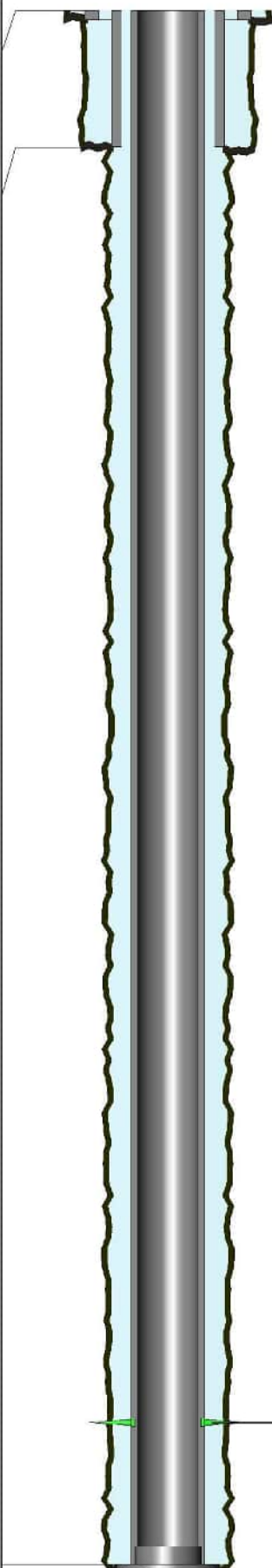
55

Field Name: ELK HILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 9/27/2018

Ground Level: 1,092.0ft
Datum: Original DF @ 1,105.00ft (default)
KB: 13.0ft
API-10: 0402966850

Wellbore: ORIGINAL HOLE
PBMD: 3,277.0ft
Btm TMD: 3,330.0ft
Spud Date/Time: 6/21/1982
BH Coord X: 6,124,369.75usft
BH Coord Y: 2,283,895.93usft

15-1B

Cement Depths - MD, TVD (ft)	Schematic (9/27/2018)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
13.0ft, 13.0ft (TOC)			18" HOLE	13.0	33.0	13.0	33.0				
			14.75" HOLE	33.0	306.0	33.0	306.0				
			9.875" HOLE	306.0	3,330.0	306.0	3,330.0				
			CONDUCTOR CASING Report Date: 3/8/1982 00:00								
			Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000		75.00		13.0	33.0	13.0	33.0
			SURFACE CASING Report Date: 6/23/1982 00:00								
			Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	H-40	40.50		13.0	303.0	13.0	303.0
			PRODUCTION CASING Report Date: 6/26/1982 00:00								
Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
CASING JOINT(S)	7.000	K-55	23.00		13.0	3,315.0	13.0	3315.0			
303.0ft, 303.0ft			PLUGBACK						Well: 15-1B	S/T/R: 1/31S/23E	
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	3,277.0	3,315.0	3277.0	3315.0	-----			
			CEMENT	3,315.0	3,330.0	3315.0	3330.0	Cond. Csg. Cmt Vol: 326 cf			
										Hole Size: 18"	
										Casing Size: 18"	
										Top Job: No	
										Rtns to Sfc: Yes (Unknown)	
										TOC: 13'	

3315.0ft, 3315.0ft									Surface Csg. Cmt Vol: 350 cf		
									Class 'G' Lead Cement: 200 cf		
									Yield: 1.3, Density: 0.0 ppg.		
									Class 'G' Tail Cement: 150 cf		
									Yield: 1.3 Density: 0.0 ppg.		
									Hole Size: 14.75"		
									Casing Size: 10.75"		
									Top Job: No		
									Rtns to Sfc: No		
									TTOC: 13'		

						Prod Csg. Cmt Vol: 1260 cf					
						Class 'G' Lead Cement: 1050 cf					
						Yield: 1.3, Density: 0.0 ppg.					
						Class 'G' Tail Cement: 210 cf					
						Yield: 1.3, Density: 0.0 ppg.					
						Hole Size: 9.875"					
						Casing Size: 7"					
						Top Job: No					
						Rtns to Sfc: Yes (18 Bbls)					
						TTOC: 13'					

						Screen/Slotted Liner Cmt Vol: NA cf					
						Hole Size: NA					
						Casing Size: NA					
						Top Job: NA					
						Rtns to Sfc: NA					
						TTOC: NA					

						Cavity Shot: None					
						Junk: None					

						Volume Behind Pipe:					
						Assumed Yield: 1.15					
						Theoretical Calculations (TTOC)					

						R. Aguilar					
						Date: 11/20/22					

3,004.0ft, 3,022.0ft, 4/27/1983, OPEN

Formation Name	MD(ft)	TVD(ft)
AMNICOLA	610.6	610.6
LOWER_TULARE	668.6	668.6
SANJOAQUIN	1,209.0	1,209.0

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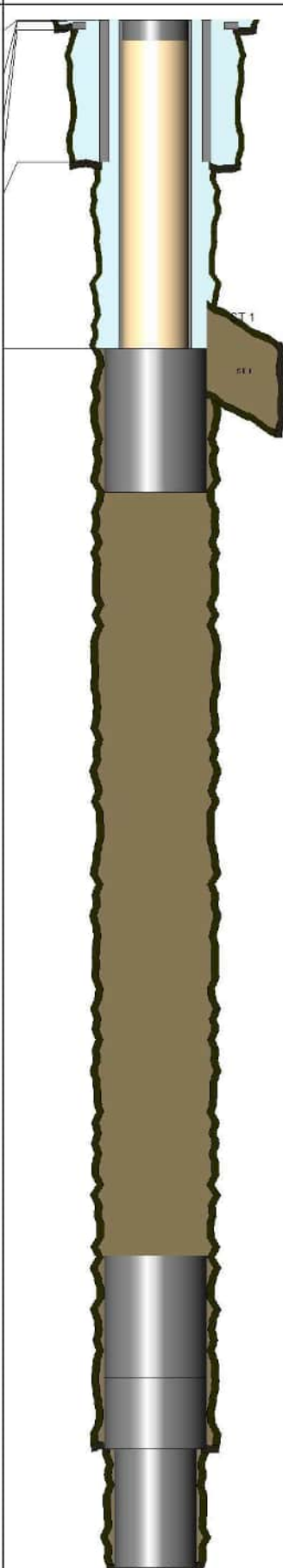
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 3/2/2005

26-1B

Ground Level: 1,078.0ft
 Datum: Original DF @ 1,090.00ft (default)
 KB: 12.0ft
 API-10: 0402972052

Wellbore: ORIGINAL HOLE
 PBMD: 700.0ft
 Btm TMD: 3,250.0ft
 Spud Date/Time: 6/4/1984
 BH Coord X: 6,125,186.09usft
 BH Coord Y: 2,283,256.83usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
12.0ft, 12.0ft (TOC)			18" HOLE	12.0	32.0	12.0	32.0				
12.0ft, 12.0ft (TOC)			14.75" HOLE	32.0	317.0	32.0	316.9				
12.0ft, 12.0ft (TOC)			9.875" HOLE	317.0	3,000.0	316.9	2,999.1				
14.0ft, 14.0ft (TOC)			7.875" HOLE	3,000.0	3,250.0	2,999.1	3,249.1				
32.0ft, 32.0ft			CONDUCTOR CASING Report Date: 5/30/1984 00:00								
309.0ft, 309.0ft			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				16.0	32.0	16.0	32.0
			SURFACE CASING Report Date: 6/8/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	STC	12.0	309.0	12.0	309.0
	PRODUCTION CASING Report Date: 6/17/1984 00:00										
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
	CASING JOINT(S)	7.000	K-55	23.00	STC	12.0	3,085.0	12.0	3084.1		
		7.000	K-55	23.00	STC	3,085.0	3,086.0	3084.1	3085.1		
	CASING JOINT(S)	7.000	K-55	23.00	STC	3,086.0	3,128.0	3085.1	3127.1		
700.0ft, 700.0ft			Date Type Remarks								
			PLUG BACK					Well: 26-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	12.0	55.0	12.0	55.0	Cond. Csg. Cmt Vol: 78cf			
			MUD	55.0	2,901.0	55.0	2900.2	Hole Size: 18"			
			PLUG BACK					Casing Size: 16"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
			CEMENT	700.0	1,000.0	700.0	1000.0	Rtns to Sfc: Yes (32 Bbls)			
			PLUG BACK					TOC: 12'			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 364 cf			
			CEMENT	2,597.0	2,851.0	2596.4	2850.2	Class 'G' Lead Cement: 215 cf			
			CEMENT	2,851.0	3,000.0	2850.2	2999.1	Yield: 1.3, Density: NA ppg.			
			CEMENT	3,000.0	3,248.0	2999.1	3247.1	Class 'G' Tail Cement: 150 cf			
								Yield: 1.3, Density: NA ppg.			
								Hole Size: 14.75"			
								Casing Size: 10.75"			
								Top Job: No			
								Rtns to Sfc: Yes (9 Bbls)			
								TTOC: 13'			
								Prod Csg. Cmt Vol: NA			
								Class " Lead Cement: NA			
								Yield: , Density: NA ppg.			
								Class " Tail Cement: NA			
								Yield: , Density: NA ppg.			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
								Screen/Slotted Liner Cmt Vol: NA			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
								Cavity Shot: None			
								Junk: None			
								Volume Behind Pipe:			
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
			Formation Name	MD(ft)		TVD(ft)		R. Aguilar			
			AMNICOLA	682.7		682.7		Date: 11/2022			
			SANJOAQUIN	1,249.8		1,249.7		P&A Mud & Cement Details			

								Mud Volume: 109 cf @ 2841'			
								88 cf @ 2597'			
								Mud Weight: NA			
								Top of Mud: NA			
								Cement: 169 cf @ 2852' - 3248'			
								265 cf @ 2597' - 2851'			
								Top of Cement: 318 cf @ 700' - 1000'			

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CALIFORNIA RESOURCES ELK HILLS, LLC

33NW-1B

Field Name: ELKHILLS
 Site Name: 01B
 End Status: ACTIVE
 Status date: 4/29/2016

Ground Level: 1,106.3ft
 Datum: Original KB @ 1,120.30ft (default)
 KB: 14.0ft
 API-10: 0403040999

Wellbore: ORIGINAL HOLE
 PBMD: 3,190.0ft
 Btm TMD: 3,237.0ft
 Spud Date: 6/22/2010 21:00
 BH Coord X: 6,125,128.87usft
 BH Coord Y: 2,285,433.17usft

Cement Depths - MD, TVD (ft)	Schematic (4/29/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC) 14.0ft, 14.0ft (TOC)			16" HOLE	14.0	54.0	14.0	54.0				
			14.5" HOLE	54.0	414.0	54.0	414.0				
			10.75" HOLE	414.0	3,237.0	414.0	3,174.2				
			CONDUCTOR CASING Report Date: 6/14/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000			14.0	54.0	14.0	54.0	
			SURFACE CASING Report Date: 6/23/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	358.1	14.0	358.1
			FLOAT COLLAR	10.750	J-55	40.50	STC	358.1	359.7	358.1	359.7
406.0ft, 406.0ft			CASING JOINT(S)	10.750	J-55	40.50	STC	359.7	404.9	359.7	404.9
			GUIDE SHOE	10.750	J-55	40.50	STC	404.9	406.0	404.9	406.0
			PRODUCTION CASING Report Date: 6/25/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,489.5	14.0	2453.1
			FLAG JOINT	7.000	K-55	23.00	LTC	2,489.5	2,509.4	2453.1	2472.2
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,509.4	2,665.7	2472.2	2622.6
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,665.7	3,188.7	2622.6	3127.5
			FLOAT COLLAR	7.000	K-55	23.00	LTC	3,188.7	3,190.3	3127.5	3129.0
			CASING JOINT(S)	7.000	K-55	23.00	LTC	3,190.3	3,230.8	3129.0	3168.3
			GUIDE SHOE	7.000	K-55	23.00	LTC	3,230.8	3,232.0	3168.3	3169.4
			TUBING STRING								
				TVD (top)		TVD (base)					
			TH-ROT	14.0	14.0	14.0	14.0				
			FATNIP	14.0	14.7	14.0	14.7				
			PUPJNT	14.7	34.9	14.7	34.9				
			CAS	34.9	3,067.8	34.9	3010.6				
			STNIP	3,067.8	3,069.0	3010.6	3011.7				
			CAS	3,069.0	3,101.1	3011.7	3042.7				
			STCOLL	3,101.1	3,101.5	3042.7	3043.2				
			PLUG BACK								
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
			PLUGBK	3,190.0	3,237.0	3128.8	3174.2				
			ROD STRING								
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
			POLROD	0.0	30.0	0.0	30.0				
			PNYROD	30.0	32.0	30.0	32.0				
			ROD	32.0	542.0	32.0	542.0				
			R-4PER	542.0	2,102.0	542.0	2080.1				
			ROD	2,102.0	3,062.0	2080.1	3005.0				
			RSTBAR	3,062.0	3,065.0	3005.0	3007.9				
			NSFMP	3,065.0	3,081.0	3007.9	3023.4				
			Well: 33NW-1B S/T/R: 1/31S/23E								
			CASING CEMENT DETAIL								

			Cond. Csg. Cmt Vol: Unknown								
			Hole Size: 18"								
			Casing Size: 16"								
			Top Job: No								
			Rtns to Sfc: Yes								
			TOC: Surface								

			Surf. Csg. Cmt Vol: 532 cf								
			Class 'C' Lead Cement: 281 cf								
			Yield 2.18, Density: 12.4 ppg.								
			Class 'C' Tail Cement: 251 cf								
			Yield: 1.71, Density: 13.5 ppg.								
			Hole Size: 14.5"								
			Casing Size: 10.75"								
			Top Job: No								
			Rtns to Sfc: Yes (168 cf)								
			TOC: Surface								

			Prod. Csg. Cmt Vol: 1275 cf								
			Class 'C' Lead Cement: 1052 cf								
			Yield: 2.63, Density: 11.8 ppg.								
			Class 'C' Tail Cement: 223 cf								
			Yield: 1.47, Density: 13.5 ppg.								
			Hole Size: 10.75"								
			Casing Size: 7"								
			Top Job: No								
			Rtns to Sfc: Yes (168 cf)								
			ETOC: 14'								

			Screen/Slotted Liner Cmt Vol: NA								
			Hole Size: NA								
			Casing Size: NA								
			Top Job: NA								
			Rtns to Sfc: NA								
			ETOC: NA								

			Cavity Shot: None								
			Junk: None								

			Volume Behind Pipe:								
			Theoretical Calculations (ETOC)								

			Arturo Valencia								
			Date: 03/2022								
3237.0ft, 3174.2ft		2,743.0ft, 2,750.0ft, 10/17/2010, OPEN 2,754.0ft, 2,759.0ft, 10/17/2010, OPEN 2,814.0ft, 2,825.0ft, 10/14/2010, OPEN 2,841.0ft, 2,850.0ft, 10/14/2010, OPEN 2,945.0ft, 2,950.0ft, 10/11/2010, OPEN 2,993.0ft, 2,998.0ft, 10/11/2010, OPEN 3,067.0ft, 3,075.0ft, 7/14/2010, OPEN 3,097.0ft, 3,114.0ft, 7/14/2010, OPEN 3,127.0ft, 3,130.0ft, 7/14/2010, OPEN	Formation Name:	MD:(ft)	TVD:(ft)						
			AMNICOLA	534.4	534.4						
			SAN JOAQUIN	1,122.7	1,122.6						

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/18/2017

45-1B

Ground Level: 1,048.5ft
 Datum: Original KB @ 1,062.50ft (default)
 KB: 14.0ft
 API-10: 0403041562

Wellbore: ORIGINAL HOLE
 PBMD: 3,290.0ft
 Btm TMD: 3,336.0ft
 Spud Date/Time: 11/5/2010
 BH Coord X: 6,126,332.14usft
 BH Coord Y: 2,283,919.51usft

Cement Depths - MD, TVD (ft)	Schematic (9/18/2017)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)																																																															
14.0ft, 14.0ft (TOC)			20"HOLE	14.0	54.0	14.0	54.0																																																															
14.0ft, 14.0ft (TOC)			14.75"HOLE	54.0	494.0	54.0	494.0																																																															
14.0ft, 14.0ft (TOC)			10.75"HOLE	494.0	3,336.0	494.0	3,335.8																																																															
CONDUCTOR CASING Report Date: 10/29/2010 00:00																																																																						
<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>14.000</td><td></td><td></td><td></td><td>14.0</td><td>54.0</td><td>14.0</td><td>54.0</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	14.000				14.0	54.0	14.0	54.0																																													
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																														
CASING JOINT(S)	14.000				14.0	54.0	14.0	54.0																																																														
SURFACE CASING Report Date: 11/5/2010 00:00																																																																						
<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>14.0</td><td>440.1</td><td>14.0</td><td>440.1</td></tr><tr><td>FLOAT COLLAR</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>440.1</td><td>441.8</td><td>440.1</td><td>441.8</td></tr><tr><td>CASING JOINT(S)</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>441.8</td><td>486.9</td><td>441.8</td><td>486.9</td></tr><tr><td>GUIDE SHOE</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>486.9</td><td>488.0</td><td>486.9</td><td>488.0</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	440.1	14.0	440.1	FLOAT COLLAR	10.750	J-55	40.50	STC	440.1	441.8	440.1	441.8	CASING JOINT(S)	10.750	J-55	40.50	STC	441.8	486.9	441.8	486.9	GUIDE SHOE	10.750	J-55	40.50	STC	486.9	488.0	486.9	488.0																		
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																														
CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	440.1	14.0	440.1																																																														
FLOAT COLLAR	10.750	J-55	40.50	STC	440.1	441.8	440.1	441.8																																																														
CASING JOINT(S)	10.750	J-55	40.50	STC	441.8	486.9	441.8	486.9																																																														
GUIDE SHOE	10.750	J-55	40.50	STC	486.9	488.0	486.9	488.0																																																														
PRODUCTION CASING Report Date: 11/8/2010 00:00																																																																						
<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>14.0</td><td>2,554.3</td><td>14.0</td><td>2554.1</td></tr><tr><td>FLAG JOINT</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>2,554.3</td><td>2,575.3</td><td>2554.1</td><td>2575.1</td></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>2,575.3</td><td>3,290.5</td><td>2575.1</td><td>3290.2</td></tr><tr><td>FLOAT COLLAR</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,290.5</td><td>3,291.9</td><td>3290.2</td><td>3291.6</td></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,291.9</td><td>3,331.2</td><td>3291.6</td><td>3331.0</td></tr><tr><td>FLOAT SHOE</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,331.2</td><td>3,333.0</td><td>3331.0</td><td>3332.8</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,554.3	14.0	2554.1	FLAG JOINT	7.000	K-55	23.00	LTC	2,554.3	2,575.3	2554.1	2575.1	CASING JOINT(S)	7.000	K-55	23.00	LTC	2,575.3	3,290.5	2575.1	3290.2	FLOAT COLLAR	7.000	K-55	23.00	LTC	3,290.5	3,291.9	3290.2	3291.6	CASING JOINT(S)	7.000	K-55	23.00	LTC	3,291.9	3,331.2	3291.6	3331.0	FLOAT SHOE	7.000	K-55	23.00	LTC	3,331.2	3,333.0	3331.0	3332.8
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																														
CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,554.3	14.0	2554.1																																																														
FLAG JOINT	7.000	K-55	23.00	LTC	2,554.3	2,575.3	2554.1	2575.1																																																														
CASING JOINT(S)	7.000	K-55	23.00	LTC	2,575.3	3,290.5	2575.1	3290.2																																																														
FLOAT COLLAR	7.000	K-55	23.00	LTC	3,290.5	3,291.9	3290.2	3291.6																																																														
CASING JOINT(S)	7.000	K-55	23.00	LTC	3,291.9	3,331.2	3291.6	3331.0																																																														
FLOAT SHOE	7.000	K-55	23.00	LTC	3,331.2	3,333.0	3331.0	3332.8																																																														
TUBING STRING																																																																						
<table><tr><th>Component</th><th>Top MD</th><th>Btm MD</th><th>Top TVD</th><th>Btm TVD</th></tr><tr><td>TH-ROT</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td></tr><tr><td>FATNIP</td><td>14.0</td><td>14.7</td><td>14.0</td><td>14.7</td></tr><tr><td>PUPJNT</td><td>14.7</td><td>41.1</td><td>14.7</td><td>41.1</td></tr><tr><td>CAS</td><td>41.1</td><td>3,083.0</td><td>41.1</td><td>3082.7</td></tr><tr><td>STNIP</td><td>3,083.0</td><td>3,084.1</td><td>3082.7</td><td>3083.8</td></tr><tr><td>CAS</td><td>3,084.1</td><td>3,116.5</td><td>3083.8</td><td>3116.3</td></tr><tr><td>DESAND</td><td>3,116.5</td><td>3,119.5</td><td>3116.3</td><td>3119.3</td></tr><tr><td>CAS</td><td>3,119.5</td><td>3,152.0</td><td>3119.3</td><td>3151.7</td></tr></table>								Component	Top MD	Btm MD	Top TVD	Btm TVD	TH-ROT	14.0	14.0	14.0	14.0	FATNIP	14.0	14.7	14.0	14.7	PUPJNT	14.7	41.1	14.7	41.1	CAS	41.1	3,083.0	41.1	3082.7	STNIP	3,083.0	3,084.1	3082.7	3083.8	CAS	3,084.1	3,116.5	3083.8	3116.3	DESAND	3,116.5	3,119.5	3116.3	3119.3	CAS	3,119.5	3,152.0	3119.3	3151.7																		
Component	Top MD	Btm MD	Top TVD	Btm TVD																																																																		
TH-ROT	14.0	14.0	14.0	14.0																																																																		
FATNIP	14.0	14.7	14.0	14.7																																																																		
PUPJNT	14.7	41.1	14.7	41.1																																																																		
CAS	41.1	3,083.0	41.1	3082.7																																																																		
STNIP	3,083.0	3,084.1	3082.7	3083.8																																																																		
CAS	3,084.1	3,116.5	3083.8	3116.3																																																																		
DESAND	3,116.5	3,119.5	3116.3	3119.3																																																																		
CAS	3,119.5	3,152.0	3119.3	3151.7																																																																		
PLUG BACK																																																																						
<table><tr><th>Component</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>Top TVD</th><th>Btm TVD</th></tr><tr><td>CEMENT</td><td>3,290.0</td><td>3,333.0</td><td>3289.8</td><td>3332.8</td></tr><tr><td>CEMENT</td><td>3,333.0</td><td>3,336.0</td><td>3332.8</td><td>3335.8</td></tr></table>								Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD	CEMENT	3,290.0	3,333.0	3289.8	3332.8	CEMENT	3,333.0	3,336.0	3332.8	3335.8																																																
Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD																																																																		
CEMENT	3,290.0	3,333.0	3289.8	3332.8																																																																		
CEMENT	3,333.0	3,336.0	3332.8	3335.8																																																																		
ROD STRING																																																																						
<table><tr><th>Component</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>Top TVD</th><th>Btm TVD</th></tr><tr><td>POLROD</td><td>0.0</td><td>30.0</td><td>0.0</td><td>30.0</td></tr><tr><td>PNYROD</td><td>30.0</td><td>46.0</td><td>30.0</td><td>46.0</td></tr><tr><td>ROD</td><td>46.0</td><td>3,046.0</td><td>46.0</td><td>3045.8</td></tr><tr><td>SHRCPL</td><td>3,046.0</td><td>3,047.0</td><td>3045.8</td><td>3046.8</td></tr><tr><td>ROD</td><td>3,047.0</td><td>3,077.0</td><td>3046.8</td><td>3076.8</td></tr><tr><td>STB3P</td><td>3,077.0</td><td>3,081.0</td><td>3076.8</td><td>3080.8</td></tr><tr><td>NSPMP</td><td>3,081.0</td><td>3,097.0</td><td>3080.8</td><td>3096.8</td></tr></table>								Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD	POLROD	0.0	30.0	0.0	30.0	PNYROD	30.0	46.0	30.0	46.0	ROD	46.0	3,046.0	46.0	3045.8	SHRCPL	3,046.0	3,047.0	3045.8	3046.8	ROD	3,047.0	3,077.0	3046.8	3076.8	STB3P	3,077.0	3,081.0	3076.8	3080.8	NSPMP	3,081.0	3,097.0	3080.8	3096.8																							
Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD																																																																		
POLROD	0.0	30.0	0.0	30.0																																																																		
PNYROD	30.0	46.0	30.0	46.0																																																																		
ROD	46.0	3,046.0	46.0	3045.8																																																																		
SHRCPL	3,046.0	3,047.0	3045.8	3046.8																																																																		
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STB3P	3,077.0	3,081.0	3076.8	3080.8																																																																		
NSPMP	3,081.0	3,097.0	3080.8	3096.8																																																																		
2,775.0ft, 2,780.0ft, 3/3/2011, OPEN			Well: 45-1B S/T/R: 1/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 20" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 14' ----- Surface. Csg. Cmt Vol: 517 cf Class 'C' Lead Cement: 348 cf Yield 2.18 , Density: 12.4 ppg. Class C Tail Cement: 169 cf Yield: 1.71 , Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (49 Bbls) TOC: 14' ----- Prod. Csg. Cmt Vol: 1334 cf Class 'C' Lead Cement: 1020 cf Yield: 2.63, Density: 11.8 ppg. Class 'C' Tail Cement: 314 cf Yield: 1.46, Density: 13.5 ppg. Hole Size: 10.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (82 Bbls) ETOC: 14' ----- Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) ----- R. Aguilar Date: 11/2022																																																																			
2,845.0ft, 2,850.0ft, 3/1/2011, OPEN																																																																						
3,007.0ft, 3,010.0ft, 2/21/2011, OPEN																																																																						
3,081.0ft, 3,085.0ft, 2/14/2011, OPEN																																																																						
3,119.0ft, 3,123.0ft, 2/14/2011, OPEN																																																																						
3333.0ft, 3332.8ft																																																																						

Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 10/5/2022

Ground Level: 1,136.7ft
Datum: Original DF @ 1,150.70ft (default)
KB: 14.0ft
API-10: 0403042510

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 2/20/2011
BH Coord X: 6,125,095.60usft
BH Coord Y: 2,284,634.56usft

24-1B

Cement Depths - MD, TVD (ft)	Schematic (10/5/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
14 Off 14 Off (TOC) 14 Off, 14 Off (TOC)			18" HOLE	14.0	54.0	14.0	54.0			
14.5" HOLE			54.0	424.0	54.0	424.0				
10.75" HOLE			424.0	3,357.0	424.0	3,337.8				
CONDUCTOR CASING Report Date: 2/15/2011 00:00										
Item			OD(in)	Grade	Vt (ppf)	Connection	Top M D(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)			16.000				14.0	54.0	14.0	54.0
SURFACE CASING Report Date: 2/20/2011 00:00										
Item			OD(in)	Grade	Vt (ppf)	Connection	Top M D(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)			10.750	J55	40.50	STC	14.0	370.1	14.0	370.1
FLOAT COLLAR			10.750	J55	40.50	STC	370.1	371.8	370.1	371.8
CASING JOINT(S)			10.750	J55	40.50	STC	371.8	416.9	371.8	416.9
GUIDE SHOE			10.750	J55	40.50	STC	416.9	418.0	416.9	418.0
PRODUCTION CASING Report Date: 2/23/2011 00:00										
Item			OD(in)	Grade	Vt (ppf)	Connection	Top M D(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)			7.000	K-55	23.00	LTC	14.0	2,575.9	14.0	2562.2
FLAG JOINT			7.000	K-55	23.00	LTC	2,575.9	2,590.0	2562.2	2576.2
CASING JOINT(S)			7.000	K-55	23.00	LTC	2,590.0	3,311.2	2576.2	3292.3
FLOAT COLLAR			7.000	K-55	23.00	LTC	3,311.2	3,312.6	3292.3	3293.7
CASING JOINT(S)			7.000	K-55	23.00	LTC	3,312.6	3,355.3	3293.7	3336.1
FLOAT SHOE			7.000	K-55	23.00	LTC	3,355.3	3,357.0	3336.1	3337.8
Date			Type	Remarks						
11/5/2013			Pump Design	Review for down-size nextpul. SBC						
PLUG BACK					Well: 24-1B S/T/R: 1/31S/23E					
Component			Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
CEMENT			1.0	2,383.0	1.0	2370.8	-----			
PLUG BACK					Cond. Csg. Cmt Vol: Unknown					
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 18"					
CEMENT	3,311.0	3,357.0	3292.1	3337.8	Casing Size: 16"					
					Top Job: No					
					Rtns to Sfc: Unknown					
					TOC: Unknown					

					Surface Csg. Cmt Vol: 443 cf					
					Class 'C' Lead Cement: 202 cf					
					Yield: 1.15, Density: 12.4 ppg.					
					Class 'C' Tail Cement: 241 cf					
					Yield: 1.15, Density: 13.5 ppg.					
					Hole Size: 14.75"					
					Casing Size: 10.75"					
					Top Job: No					
					Rtns to Sfc: Yes (15 Bbls)					
					TTOC: 14'					

					Prod Csg. Cmt Vol: 1354 cf					
					Class 'C' Lead Cement: 1042 cf					
					Yield: 1.15 Density: 11.8 ppg.					
					Class 'C' Tail Cement: 312 cf					
					Yield: 1.15, Density: 13.5 ppg.					
					Hole Size: 10.75"					
					Casing Size: 7"					
					Top Job: No					
					Rtns to Sfc: Yes (80 Bbls)					
					TTOC: 14'					

					Screen/Slotted Liner Cmt Vol: NA					
					Hole Size: NA					
					Casing Size: NA					
					Top Job: NA					
					Rtns to Sfc: NA					
					TTOC: NA					

					Cavity Shot: None					
					Junk: None					

					Volume Behind Pipe:					
					Assumed Yield: 1.15					
					Theoretical Calculations (TTOC)					
					R. Aguilar					
					Date: 11/2022					
					P&A Mud & Cement Details					

					Mud Volume: NA					
					Mud Weight: NA					
					Top of Mud: NA					
					Cement: 203 cf "G" @ 2383' - 3300'					
					377 cf "G" @ 880" - 2523'					
					Top of Cement: 225 cf "G" @ 0' - 880'					

2,807 Off, 2,809 Off,
PERFORATED, 3/15/2011
00:00, ABANDONED
2,815 Off, 2,818 Off,
PERFORATED, 3/15/2011
00:00, ABANDONED
2,881 Off, 2,884 Off,
PERFORATED, 3/15/2011
00:00, ABANDONED
2,905 Off, 2,908 Off,
PERFORATED, 3/15/2011
00:00, ABANDONED
3,120 Off, 3,122 Off,
PERFORATED, 3/13/2011
00:00, ABANDONED
3,147 Off, 3,149 Off,
PERFORATED, 3/13/2011
00:00, ABANDONED
3,170 Off, 3,172 Off,
PERFORATED, 3/13/2011
00:00, ABANDONED
3,195 Off, 3,197 Off,
PERFORATED, 3/13/2011
00:00, ABANDONED

60

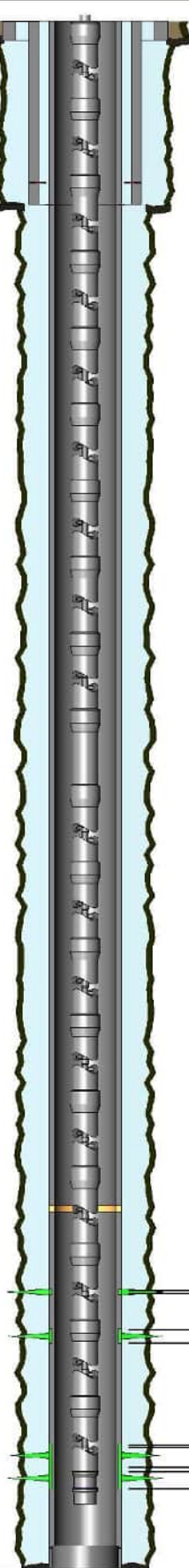
CALIFORNIA RESOURCES ELK HILLS, LLC

43SW-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/16/2017

Ground Level: 1,074.2ft
 Datum: Original DF @ 1,088.20ft (default)
 KB: 14.0ft
 API-10: 0403042511

Wellbore: ORIGINAL HOLE
 PBMD: 3,270.0ft
 Btm TMD: 3,322.0ft
 Spud Date: 2/16/2011 17:00
 BH Coord X: 6,126,165.10usft
 BH Coord Y: 2,284,838.17usft

Cement Depths - MD, TVD (ft)	Schematic (11/16/2017)	Openings Top/Btm/Type/Status	Hole								
				Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			18" Hole	14.0	54.0	14.0	54.0				
14.0ft, 14.0ft (TOC)			14.5" HOLE	54.0	412.0	54.0	412.0				
406.0ft, 406.0ft			10.75" HOLE	412.0	3,322.0	412.0	3,296.4				
			CONDUCTOR CASING Report Date: 2/14/2011 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000			14.0	54.0	14.0	54.0	
			SURFACE CASING Report Date: 2/17/2011 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	358.0	14.0	
			FLOAT COLLAR	10.750	J-55	40.50	STC	358.0	359.7	358.0	
			CASING JOINT(S)	10.750	J-55	40.50	STC	359.7	404.8	359.7	
			GUIDE SHOE	10.750	J-55	40.50	STC	404.8	406.0	404.8	
			PRODUCTION CASING Report Date: 2/19/2011 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	J-55	23.00	LTC	14.0	2,542.7	14.0	
			FLAG JOINT	7.000	J55	23.00	LTC	2,542.7	2,556.8	2523.8	
			CASING JOINT(S)	7.000	J-55	23.00	LTC	2,556.8	3,274.2	2537.7	
			FLOAT COLLAR	7.000	J55	23.00	LTC	3,274.2	3,275.6	3249.0	
			CASING JOINT(S)	7.000	J-55	23.00	LTC	3,275.6	3,318.3	3250.4	
			FLOAT SHOE	7.000	J55	23.00	LTC	3,318.3	3,320.0	3292.7	
			TUBING STRING							Well: 43SW-1B S/T/R: 1/31S/23E	
				TVD (top)		TVD (base)		CASING CEMENT DETAIL			
			TH-ROT	14.0	14.0	14.0	14.0	Cond. Csg. Cmt Vol: Unknown			
			TBGJNT	14.0	3,111.5	14.0	3087.7	Hole Size: 18"			
			XO	3,111.5	3,112.0	3087.7	3088.1	Casing Size: 16"			
			STNIP	3,112.0	3,112.6	3088.1	3088.8	Top Job: No			
			TBGJNT	3,112.6	3,145.0	3088.8	3120.8	Rtns to Sfc: Yes			
			DESAND	3,145.0	3,147.9	3120.8	3123.8	TOC: Surface			
			TBGJNT	3,147.9	3,180.2	3123.8	3155.8	Surf. Csg. Cmt Vol: 437 cf			
			PLUG BACK					Class 'C' Lead Cement: 196 cf			
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Yield 2.18, Density: 12.4 ppg.			
			CEMENT	3,270.0	3,320.0	3244.8	3294.4	Class 'C' Tail Cement: 241 cf			
			CEMENT	3,320.0	3,322.0	3294.4	3296.4	Yield: 1.71, Density: 13.5 ppg.			
			ROD STRING					Hole Size: 14.5"			
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Casing Size: 10.75"			
			POLROD	0.0	30.0	0.0	30.0	Top Job: No			
			PNYROD	30.0	40.0	30.0	40.0	Rtns to Sfc: Yes (123 cf)			
			ROD	40.0	3,100.0	40.0	3076.3	TOC: Surface			
			STB3P	3,100.0	3,104.0	3076.3	3080.2	Prod. Csg. Cmt Vol: 1358 cf			
			NSPMP	3,104.0	3,122.0	3080.2	3098.1	Class 'C' Lead Cement: 1010 cf			
								Yield: 2.63, Density: 11.8 ppg.			
								Class 'C' Tail Cement: 348 cf			
								Yield: 1.47, Density: 13.5 ppg.			
								Hole Size: 10.75"			
								Casing Size: 7"			
								Top Job: No			
								Rtns to Sfc: Yes (297 cf)			
								ETOC: 14'			
								Screen/Slotted Liner Cmt Vol: NA			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TOC: NA			
								Cavity Shot: None			
								Junk: None			
								Volume Behind Pipe: Theoretical Calculations (ETOC)			
								A Valencia			
								Date: 04/2022			
3320.0ft, 3294.4ft		2,723.0ft, 2,727.0ft, 4/14/2011, OPEN 2,729.0ft, 2,733.0ft, 4/14/2011, OPEN 2,807.0ft, 2,811.0ft, 4/10/2011, OPEN 2,835.0ft, 2,838.0ft, 4/10/2011, OPEN 3,053.0ft, 3,055.0ft, 4/4/2011, OPEN 3,059.0ft, 3,061.0ft, 4/4/2011, OPEN 3,101.0ft, 3,103.0ft, 3/16/2011, OPEN 3,110.0ft, 3,114.0ft, 3/16/2011, OPEN 3,147.0ft, 3,150.0ft, 3/16/2011, OPEN									
			Formation Name:	MD:(ft)		TVD:(ft)					
			AMNICOLA	520.7		520.7					
			LOWER_TULARE	582.5		582.5					
			SAN JOAQUIN	1,117.4		1,114.3					

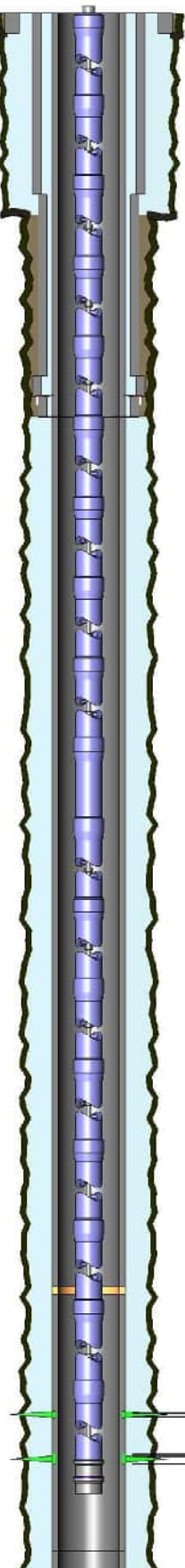
CALIFORNIA RESOURCES ELK HILLS, LLC

53SW-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/30/2022

Ground Level: 1,097.2ft
 Datum: Original DF @ 1,111.20ft (default)
 KB: 14.0ft
 API-10: 0403046157

Wellbore: ORIGINAL HOLE
 PBMD: 3,016.0ft
 Btm TMD: 3,074.0ft
 Spud Date: 9/9/2012 18:30
 BH Coord X: 6,126,614.73usft
 BH Coord Y: 2,284,709.50usft

Cement Depths - MD, TVD (ft)	Schematic (11/30/2022)	Openings Top/Btm/Type/Status															
14.0ft, 14.0ft (TOC)			Hole		Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)									
408.0ft, 408.0ft			16" Hole	14.0	54.0	14.0	54.0	14.75" Hole	54.0	408.0	54.0	408.0	10.5" Hole	408.0	3,074.0	408.0	3,063.2
			CONDUCTOR CASING					Report Date: 9/8/2012 00:00									
			Item	OD(in)	Grade	WM (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)						
			CASING JOINT(S)	16.000				14.0	54.0	14.0	54.0						
			SURFACE CASING					Report Date: 9/10/2012 00:00									
			Item	OD(in)	Grade	WM (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)						
			CASING JOINT(S)	10.750	K-55	40.50	BTC	14.0	367.9	14.0	367.9						
			CASING JOINT(S)	9.625	J-55	36.00	BTC	367.9	722.2	367.9	722.1						
			CASING JOINT(S)	10.750	K-55	40.50	BTC	722.2	759.7	722.1	759.6						
			FLOAT COLLAR	9.625	J-55	36.00	BTC	759.7	761.2	759.6	761.0						
			FLOAT COLLAR	10.750	K-55	40.50	BTC	761.2	762.6	761.0	762.5						
			CASING JOINT(S)	9.625	J-55	36.00	BTC	762.6	800.2	762.5	800.0						
			FLOAT SHOE	10.750	K-55	40.50	BTC	800.2	801.2	800.0	801.0						
			GUIDE SHOE	9.625	J-55	36.00	BTC	801.2	802.3	801.0	802.0						
			PRODUCTION CASING					Report Date: 9/13/2012 00:00									
			Item	OD(in)	Grade	WM (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)						
			CASING JOINT(S)	7.000	J-55	23.00	BTC	14.0	2,498.8	14.0	2490.5						
			FLAG JOINT	7.000	J-55	23.00	BTC	2,498.8	2,515.7	2490.5	2507.4						
			CASING JOINT(S)	7.000	J-55	23.00	BTC	2,515.7	3,016.5	2507.4	3005.9						
	FLOAT COLLAR	7.000	J-55	23.00	BTC	3,016.5	3,017.6	3005.9	3007.1								
	CASING JOINT(S)	7.000	J-55	23.00	BTC	3,017.6	3,059.5	3007.1	3048.7								
	FLOAT SHOE	7.000	J-55	23.00	BTC	3,059.5	3,061.0	3048.7	3050.2								
	TUBING STRING					Well: 53SW-1B S/T/R: 1/30S/23E											
								TVD (top)	TVD (base)	CASING CEMENT DETAIL							
	TH-ROT	14.0	14.0			14.0	14.0			-----							
	TBGPOL	14.0	2,837.8			14.0	2828.0			Cond. Csg. Cmt Vol: Unknown							
	XO	2,837.8	2,838.2			2828.0	2828.4			Hole Size: 18"							
	STNIP	2,838.2	2,838.9			2828.4	2829.0			Casing Size: 16"							
	XO	2,838.9	2,839.3			2829.0	2829.5			Top Job: No							
	CAS	2,839.3	2,870.5			2829.5	2860.5			Rtns to Sfc: Yes							
	DESAND	2,870.5	2,873.4			2860.5	2863.4			TOC: Surface							
	CAS	2,873.4	2,904.5			2863.4	2894.4			-----							
	ROD STRING										Surf. Csg. Cmt Vol: 463 cf						
	Component	Top MD(ft)	Btm MD(ft)			TVD (top)	TVD (base)					Class 'C' Lead Cement: 200 cf					
	POLROD	0.0	30.0			0.0	30.0					Yield 2.18 , Density: 12.4 ppg.					
	PNYROD	30.0	46.0			30.0	46.0					Class C Tail Cement: 263 cf					
	ROD	46.0	2,746.0			46.0	2736.6					Yield: 1.71 , Density: 13.5 ppg.					
	SHRCPL	2,746.0	2,747.0			2736.6	2737.6					Hole Size: 14.75"					
	ROD	2,747.0	2,807.0			2737.6	2797.3					Casing Size: 10.75"					
	SNKBAR	2,807.0	2,811.0			2797.3	2801.3					Top Job: No					
	INSFMP	2,811.0	2,827.0			2801.3	2817.2					Rtns to Sfc: Yes (18 Bbls)					
												TTOC: 14'					

												Prod. Csg. Cmt Vol: 1474 cf					
												Class 'C' Lead Cement: 1209 cf					
												Yield: 2.64, Density: 11.8 ppg.					
												Class 'C' Tail Cement: 265 cf					
												Yield: 1.5, Density: 13.5 ppg.					
												Hole Size: 10.5"					
												Casing Size: 7"					
												Top Job: No					
												Rtns to Sfc: Yes (60 Bbls)					
												TTOC: 14'					

												Screen/Slotted Liner Cmt Vol: NA					
												Hole Size: NA					
												Casing Size: NA					
												Top Job: NA					
												Rtns to Sfc: NA					
												TOC: NA					

												Cavity Shot: None					
												Junk: None					

												Volume Behind Pipe:					
												Theoretical Calculations (ETOC)					

												A Valencia					
												Date: 04/2022					

2,743.0ft, 2,747.0ft, 9/26/2012, OPEN
2,753.0ft, 2,756.0ft, 9/26/2012, OPEN
2,826.0ft, 2,829.0ft, 9/21/2012, OPEN
2,831.0ft, 2,833.0ft, 9/21/2012, OPEN
2,845.0ft, 2,847.0ft, 9/21/2012, OPEN

3074.0ft, 3063.2ft

Well: 53SW-1B S/T/R: 1/30S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: Unknown

Hole Size: 18"

Casing Size: 16"

Top Job: No

Rtns to Sfc: Yes

TOC: Surface

Surf. Csg. Cmt Vol: 463 cf

Class 'C' Lead Cement: 200 cf

Yield 2.18, Density: 12.4 ppg.

Class 'C' Tail Cement: 263 cf

Yield: 1.71, Density: 13.5 ppg.

Hole Size: 14.75"

Casing Size: 10.75"

Top Job: No

Rtns to Sfc: Yes (18 Bbls)

TTOC: 14'

Prod. Csg. Cmt Vol: 1474 cf

Class 'C' Lead Cement: 1209 cf

Yield: 2.64, Density: 11.8 ppg.

Class 'C' Tail Cement: 265 cf

Yield: 1.5, Density: 13.5 ppg.

Hole Size: 10.5"

Casing Size: 7"

Top Job: No

Rtns to Sfc: Yes (60 Bbls)

TTOC: 14'

Screen/Slotted Liner Cmt Vol: NA

Hole Size: NA

Casing Size: NA

Top Job: NA

Rtns to Sfc: NA

TOC: NA

Formation Name: MD:(ft) TVD:(ft)

AMNICOLA 614.7 614.7

SANJOAQUIN 1,155.2 1,153.3

Cavity Shot: None
Junk: NoneVolume Behind Pipe:
Theoretical Calculations (ETOC)A Valencia
Date: 04/2022

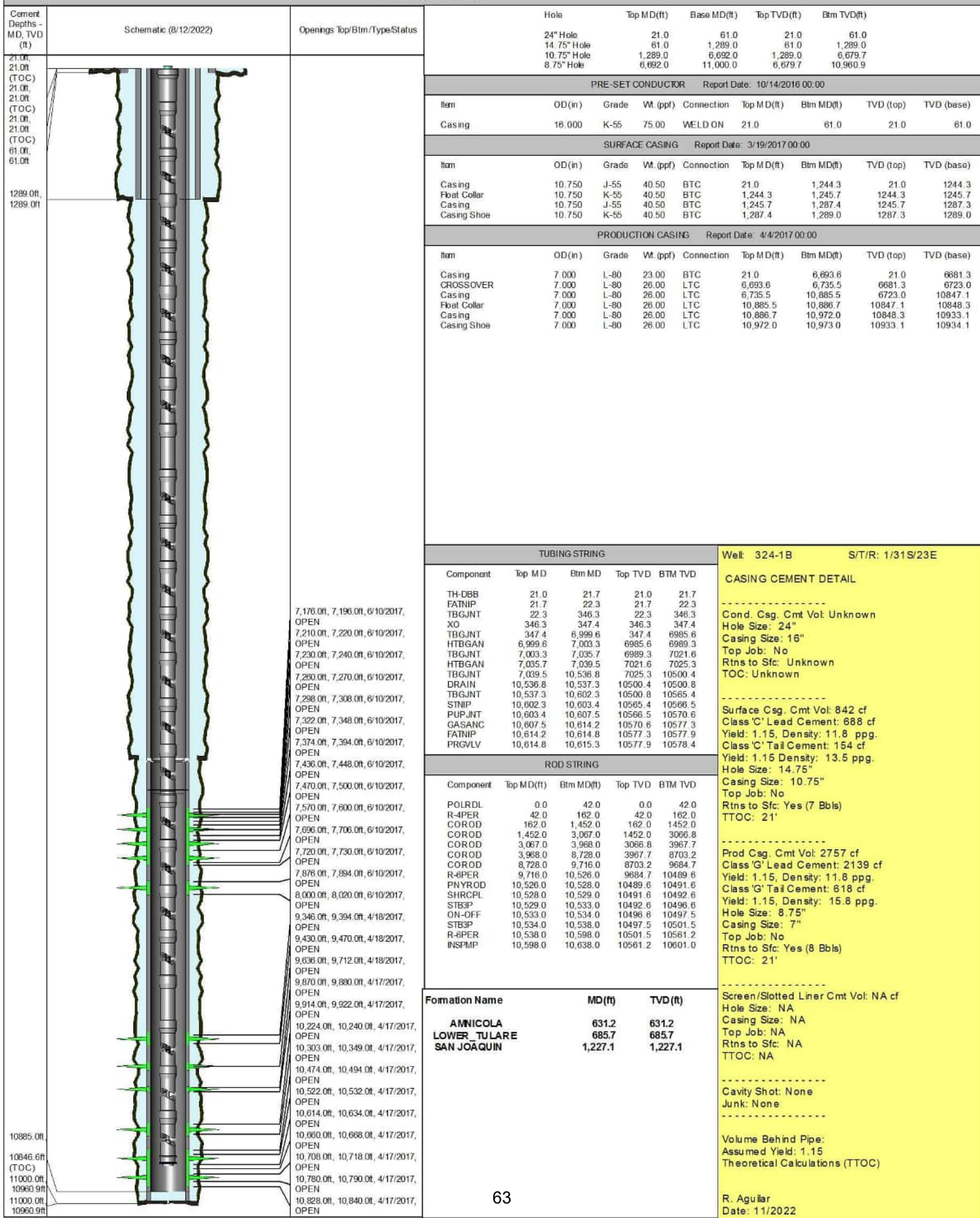
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 8/12/2022

324-1B

Ground Level: 1,124.8ft
 Datum: Original DF @ 1,145.79ft (Kenai 17 KB 21)(default)
 KB: 21.0ft
 API-10: 0403056697

Wellbore: ORIGINAL HOLE
 PBMD: 10,885.0ft
 Btm TMD: 11,000.0ft
 Spud Date/Time: 3/18/2017
 BH Coord X: 6,125,376.57usft
 BH Coord Y: 2,284,610.39usft

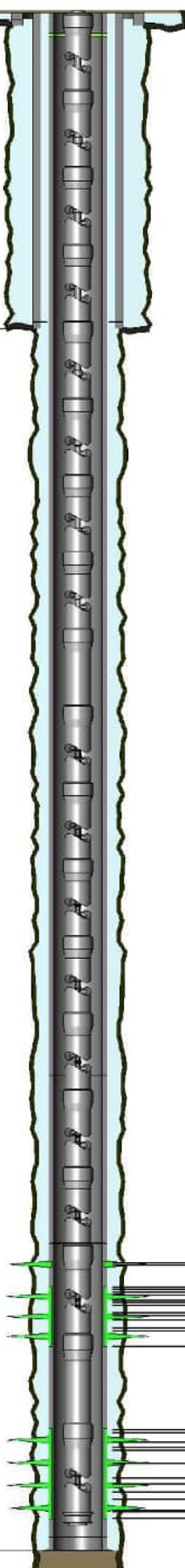


Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 11/18/2022

318-1B

Ground Level: 1,071.6ft
Datum: Original DF @ 1,085.61ft (Ensign 540 - 14' KB)(default)
KB: 14.0ft
API-10: 0403066463

Wellbore: ORIGINAL HOLE
PBMD: 9,601.0ft
Btm TMD: 9,867.0ft
Spud Date/Time: 3/3/2020
BH Coord X: 6,124,379.83usft
BH Coord Y: 2,281,406.20usft

Cement Depths - MD, TVD (ft)	Schematic (11/18/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 54.0ft 54.0ft (TOC) 94.0ft 94.0ft			24" Hole	0.0	94.0		94.0			
2001.0ft 2000.7ft			14.75" Hole	94.0	2,001.0	94.0	2,000.7			
			8.75" Hole	2,001.0	10,019.0	2,000.7	9,678.4			
PRE-SET CONDUCTOR Report Date: 2/4/2020 00:00										
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0		
SURFACE CASING Report Date: 3/3/2020 00:00										
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
Casing	10.750	K-55	40.50	BTC	14.0	1,956.8	14.0	1956.5		
FLOAT COLLAR	10.750	K-55	40.50	BTC	1,956.8	1,958.4	1956.5	1958.1		
Casing	10.750	K-55	40.50	BTC	1,958.4	1,999.2	1958.1	1998.9		
FLOAT SHOE	10.750	K-55	40.50	BTC	1,999.2	2,001.0	1998.9	2000.7		
PRODUCTION CASING Report Date: 3/15/2020 00:00										
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
Casing	7.000	N-80	26.00	GEO CONN	14.0	140.1	14.0	140.1		
Pup Joint	7.000	HC P-11026.00		GEO CONN	140.1	160.1	140.1	160.1		
Casing	7.000	N-80	26.00	GEO CONN	160.1	6,694.9	160.1	6490.2		
Casing	7.000	HC P-11026.00		GEO CONN	6,694.9	9,601.0	6490.2	9279.7		
FLOAT COLLAR	7.000	HC P-11026.00		GEO CONN	9,601.0	9,602.3	9279.7	9280.9		
Casing	7.000	HC P-11026.00		GEO CONN	9,602.3	9,682.4	9280.9	9357.4		
FLOAT COLLAR	7.000	HC P-11026.00		GEO CONN	9,682.4	9,683.7	9357.4	9358.5		
DRILL-IN SHOE	8.500	HC P-11026.00		GEO CONN	9,683.7	9,686.0	9358.5	9360.8		
TUBING STRING										
Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 318-1B S/T/R: 1/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 24" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 14'					
TH-DBB	14.0	14.7	14.0	14.7						
FATNIP	14.7	15.3	14.7	15.3						
TBGJNT	15.3	7,750.6	15.3	7470.9						
AC	7,750.6	7,754.1	7470.9	7474.2						
TBGJNT	7,754.1	9,442.9	7474.2	9128.7						
DRAIN	9,442.9	9,443.4	9128.7	9129.2						
TBGJNT	9,443.4	9,508.3	9129.2	9191.2						
STNIP	9,508.3	9,509.4	9191.2	9192.3						
PUPJNT	9,509.4	9,513.6	9192.3	9196.3						
STCOLL	9,513.6	9,514.1	9196.3	9196.7	Surface Csg. Cmt Vol: 1597 cf Class 'C' Lead Cement: 1347 cf Yield: 2.17, Density: 12.4 ppg. Class 'C' Tail Cement: 250 cf Yield: 1.71 Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (20 Bbls) TTOC: 14'					
ROD STRING										
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD						
POLRDL	0.0	42.0	0.0	42.0						
PNYROD	42.0	64.0	42.0	64.0						
R-4PER	64.0	2,704.0	64.0	2703.6						
R-6PER	2,704.0	4,354.0	2703.6	4349.9						
COROD	4,354.0	5,537.0	4349.9	5454.8						
COROD	5,537.0	7,038.0	5454.8	6801.9						
COROD	7,038.0	9,480.0	6801.9	9164.2						
PNYROD	9,480.0	9,482.0	9164.2	9166.1						
SHRCPL	9,482.0	9,483.0	9166.1	9167.0	Prod Csg. Cmt Vol: 2480 cf Class 'C' Lead Cement: 1619 cf Yield: 1.92, Density: 12.4 ppg. Class 'C' Tail Cement: 861 cf Yield: 1.86, Density: 13.5 ppg. Hole Size: 8.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (37 Bbls) TTOC: 14'					
STB3P	9,483.0	9,487.0	9167.0	9170.9						
ON-OFF	9,487.0	9,488.0	9170.9	9171.8						
STB3P	9,488.0	9,492.0	9171.8	9175.6						
INSPMP	9,492.0	9,526.0	9175.6	9208.1						
Formation Name				MD(ft) TVD(ft)						
AMNICOLA										
LOWER_TULARE										
SANJOAQUIN										
Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA										
Cavity Shot: None Junk: None										
Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)										
R. Aguilar Date: 11/2022										

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/4/2022

326-1B

Ground Level: 1,071.6ft
 Datum: Original DF @ 1,085.63ft (Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066464

Wellbore: ORIGINAL HOLE
 PBMD: 9,594.0ft
 Btm TMD: 9,692.0ft
 Spud Date/Time: 2/20/2020
 BH Coord X: 6,124,860.05usft
 BH Coord Y: 2,283,276.18usft

Cement Depths - MD, TVD (ft)	Schematic (5/4/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)					
14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 94.0ft 94.0ft			24" Hole 14.75" Hole 8.75" Hole	0.0 94.0 2,025.0	94.0 2,025.0 9,692.0	0.0 94.0 2,024.9	94.0 2,024.9 9,664.8					
2025.0ft, 2024.9ft			PRE-SET CONDUCTOR Report Date: 2/4/2020 00:00									
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0	
			SURFACE CASING Report Date: 2/21/2020 00:00									
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			Casing	10.750	K-55	40.50	BTC	14.0	1,980.4	14.0	1980.3	
			FLOAT COLLAR	10.750	K-55	40.50	BTC	1,980.4	1,982.0	1980.3	1981.9	
			Casing	10.750	K-55	40.50	BTC	1,982.0	2,023.1	1981.9	2023.0	
			FLOAT SHOE	10.750	K-55	40.50	BTC	2,023.1	2,025.0	2023.0	2024.9	
			PRODUCTION CASING Report Date: 3/1/2020 00:00									
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			Casing	7.000	N-80	26.00	BTC	14.0	9,594.9	14.0	9569.0	
			FLOAT COLLAR	7.000	N-80	26.00	BTC	9,594.9	9,596.2	9569.0	9570.3	
			Casing	7.000	N-80	26.00	BTC	9,596.2	9,678.4	9570.3	9651.3	
			FLOAT SHOE	7.000	N-80	26.00	BTC	9,678.4	9,680.0	9651.3	9652.9	
			TUBING STRING							Well: 326-1B	S/T/R: 1/31S/23E	
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL				
			TH-DBB	14.0	14.7	14.0	14.7	-----				
			FATNIP	14.7	15.4	14.7	15.3	Cond. Csg. Cmt Vol: Unknown				
			PUPJNT	15.4	33.7	15.3	33.7	Hole Size: 24"				
			TBGJNT	33.7	7,149.0	33.7	7137.1	Casing Size: 16"				
			HTBGJNT	7,149.0	7,152.1	7137.1	7140.2	Top Job: No				
			TBGJNT	7,152.1	9,336.2	7140.2	9313.3	Rtns to Sfc: Unknown				
			DRAIN	9,336.2	9,336.7	9313.3	9313.7	TOC: 14'				
			TBGJNT	9,336.7	9,398.2	9313.7	9374.7	-----				
			STNIP	9,398.2	9,399.3	9374.7	9375.8	Surface Csg. Cmt Vol: 1673 cf				
			PUPJNT	9,399.3	9,401.4	9375.8	9377.9	Class 'C' Lead Cement: 1347 cf				
			ROD STRING							Yield: 2.17, Density: 12.4 ppg.		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Tail Cement: 326 cf				
			POLRDL	0.0	42.0	0.0	42.0	Yield: 1.71 Density: 13.5 ppg.				
			PNYROD	42.0	60.0	42.0	60.0	Hole Size: 14.75"				
			ROD	60.0	150.0	60.0	150.0	Casing Size: 10.75"				
			COROD	150.0	1,300.0	150.0	1299.9	Top Job: No				
			COROD	1,300.0	3,280.0	1299.9	3279.8	Rtns to Sfc: Yes (30 Bbls)				
			COROD	3,280.0	5,660.0	3279.8	5657.2	TTOC: 14'				
			COROD	5,660.0	9,360.0	5657.2	9336.9	-----				
			PNYROD	9,360.0	9,362.0	9336.9	9338.8	Prod Csg. Cmt Vol: 2121 cf				
			SHRCPL	9,362.0	9,363.0	9338.8	9339.8	Class 'C' Lead Cement: 1443 cf				
			STB3P	9,363.0	9,367.0	9339.8	9343.8	Yield: 2.2, Density: 11.8 ppg.				
			ON-OFF	9,367.0	9,368.0	9343.8	9344.8	Class 'C' Tail Cement: 678 cf				
			STB3P	9,368.0	9,372.0	9344.8	9348.7	Yield: 1.86 Density: 13.5 ppg.				
			INSPMP	9,372.0	9,412.0	9348.7	9388.4	Hole Size: 9.875"				
			Formation Name							Screen/Slotted Liner Cmt Vol: NA cf		
			AMNICOLA	620.0	619.9			Hole Size: NA				
			LOWER_TULARE	683.0	682.9			Casing Size: NA				
			SANJOAQUIN	1,252.8	1,252.7			Top Job: NA				
										Rtns to Sfc: NA		
										TTOC: NA		

										Cavity Shot: None		
										Junk: None		

										Volume Behind Pipe:		
										Assumed Yield: 1.15		
										Theoretical Calculations (TTOC)		
										R. Aguilar		
									Date: 11/2022			

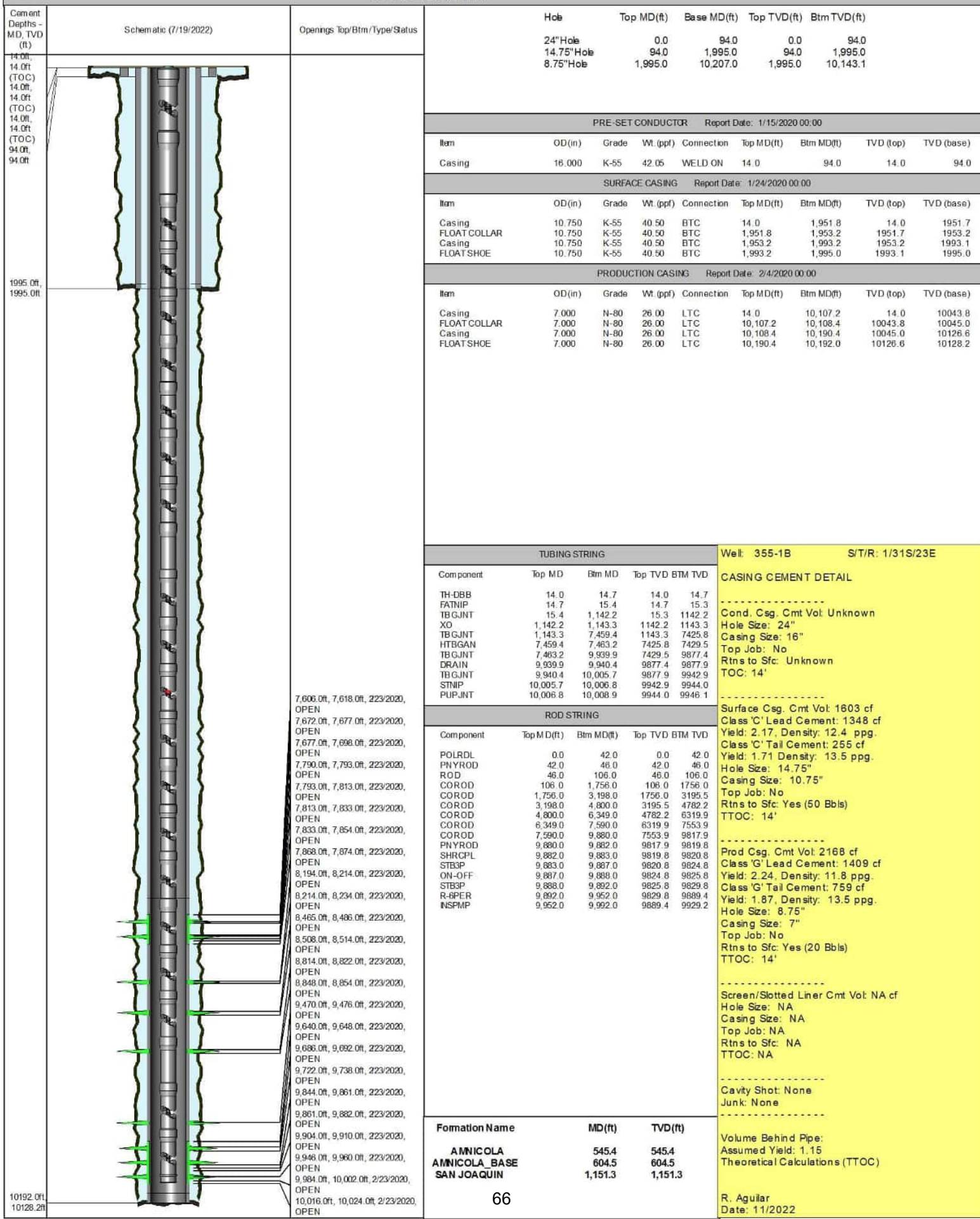
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 7/19/2022

355-1B

Ground Level: 1,048.4ft
 Datum: Original DF @ 1,062.43ft(Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066758

Wellbore: ORIGINAL HOLE
 PBMD: 10,098.0ft
 Btm TMD: 10,207.0ft
 Spud Date/Time: 1/23/2020
 BH Coord X: 6,127,272.64usft
 BH Coord Y: 2,283,710.91usft

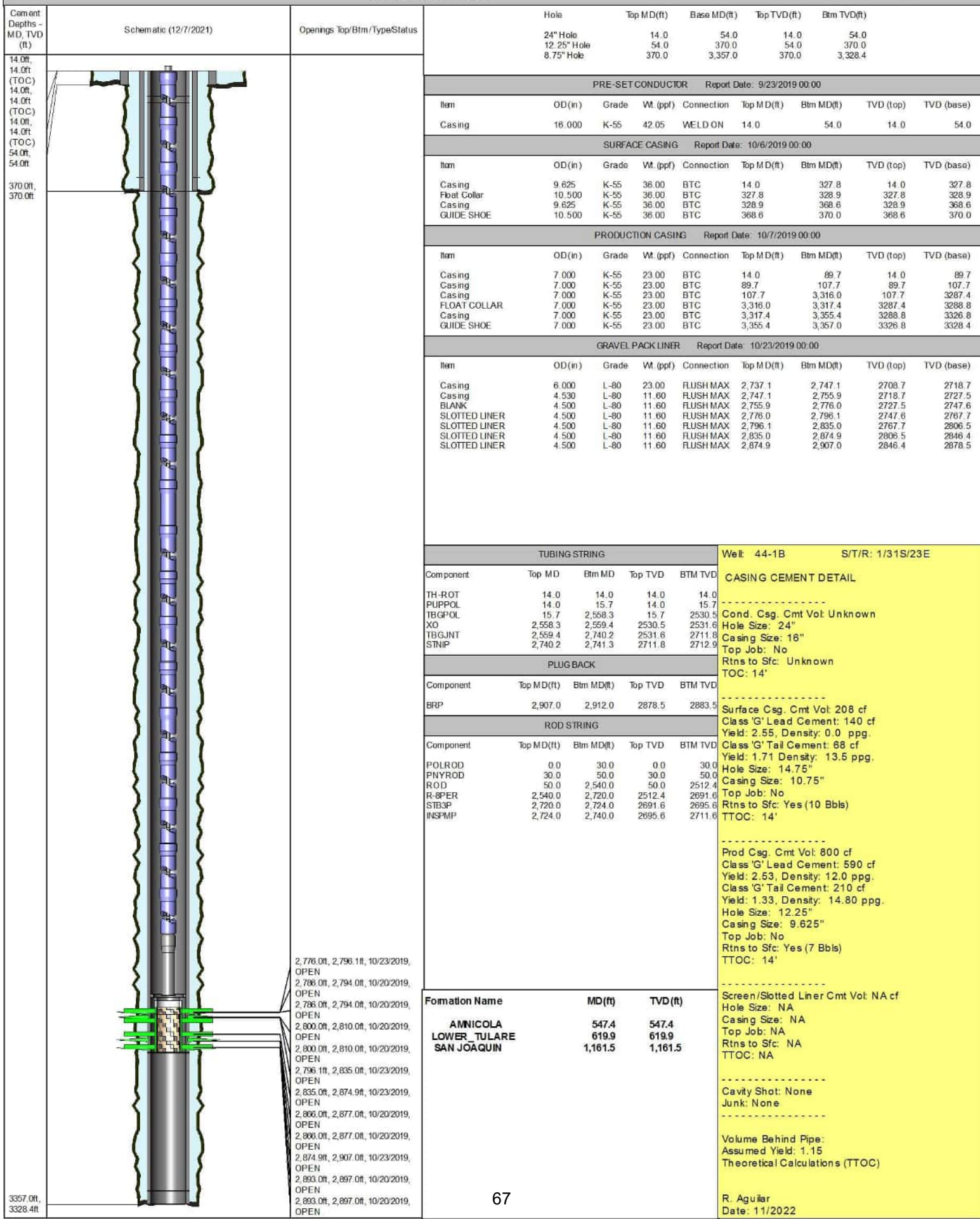


Field Name: ELK HILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 12/7/2021

44-1B

Ground Level: 1,097.4ft
Datum: Original DF @ 1,111.36ft (ENSGN 533 - KB = 14')(default)
KB: 14.0ft
API-10: 0403066781

Wellbore: ORIGINAL HOLE
PBMD: 2,907.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 10/5/2019
BH Coord X: 6,126,151.51usft
BH Coord Y: 2,284,475.10usft



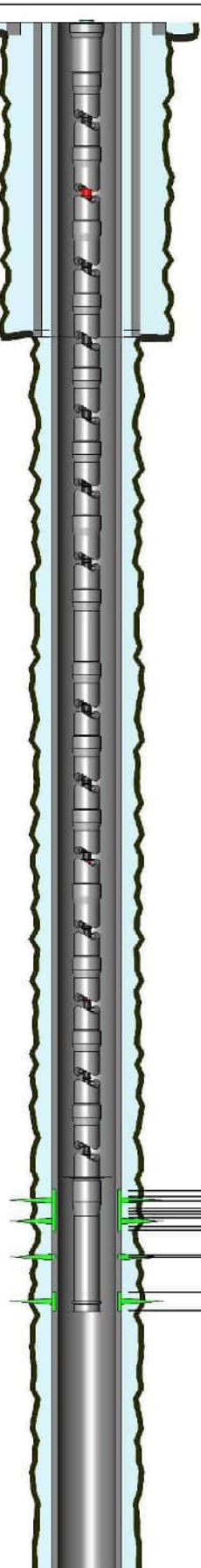
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Start date: 1/27/2022

317-1B

Ground Level: 1,054.5ft
 Datum: Original DF @ 1,068.52ft (Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066881

Wellbore: ORIGINAL HOLE
 PBMD: 9,864.0ft
 Btm TMD: 9,953.0ft
 Spud Date/Time: 11/29/2019
 BH Coord X: 6,124,360.86usft
 BH Coord Y: 2,282,660.77usft

Cement Depths - MD, TVD (ft)	Schematic (1/27/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			20" Hole	14.0	94.0	14.0	94.0				
14.0ft, 14.0ft (TOC)			14.75" Hole	94.0	2,014.0	94.0	2,013.9				
14.0ft, 14.0ft (TOC)			8.75" Hole	2,014.0	9,953.0	2,013.9	9,848.1				
94.0ft, 94.0ft			PRE-SET CONDUCTOR Report Date: 11/6/2019 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0
			SURFACE CASING Report Date: 12/1/2019 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	K-55	40.50	BTC	14.0	1,968.6	14.0	1968.6
			FLOAT COLLAR	10.750	K-55	40.50	BTC	1,968.6	1,970.2	1968.6	1970.1
			Casing	10.750	K-55	40.50	BTC	1,970.2	2,012.2	1970.1	2012.1
			GUIDE SHOE	10.750	K-55	40.50	BTC	2,012.2	2,014.0	2012.1	2014.0
			PRODUCTION CASING Report Date: 12/11/2019 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	7.000	N-80	26.00	LTC	14.0	9,864.0	14.0	9760.0
			FLOAT COLLAR	7.000	N-80	26.00	LTC	9,864.0	9,865.2	9760.0	9761.2
			Casing	7.000	N-80	26.00	LTC	9,865.2	9,944.5	9761.2	9839.7
			FLOAT SHOE	7.000	N-80	26.00	LTC	9,944.5	9,946.0	9839.7	9841.2
2014.0ft, 2013.9ft			TUBING STRING					Well: 317-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			TH-DBB	14.0	14.7	14.0	14.7	-----			
			FATNIP	14.7	15.4	14.7	15.3	Cond. Csg. Cmt Vol: Unknown			
			TBGJNT	15.4	329.6	15.3	329.6	Hole Size: 20"			
			XO	329.6	330.7	329.6	330.7	Casing Size: 16"			
			TBGJNT	330.7	7,351.4	330.7	7252.6	Top Job: No			
			HTBGAN	7,351.4	7,355.2	7252.6	7256.4	Rtns to Sfc: Unknown			
			TBGJNT	7,355.2	8,140.7	7256.4	8041.7	TOC: Unknown			
			DRAIN	8,140.7	8,141.2	8041.7	8042.2	-----			
			TBGJNT	8,141.2	8,203.2	8042.2	8104.2	Surface Csg. Cmt Vol: 1606 cf			
			STNIP	8,203.2	8,204.4	8104.2	8105.3	Class 'G' Lead Cement: 1348 cf			
			PUPJNT	8,204.4	8,208.4	8105.3	8109.3	Yield: 2.17, Density: 13.5 ppg.			
			ROD STRING					Class 'G' Tail Cement: 258 cf			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.71 Density: 11.2 ppg.			
			POLRDL	0.0	42.0	0.0	42.0	Hole Size: 14.75"			
			PNYROD	42.0	46.0	42.0	46.0	Casing Size: 10.75"			
			ROD	46.0	136.0	46.0	136.0	Top Job: No			
			COROD	136.0	2,060.0	136.0	2059.9	Rtns to Sfc: No			
			COROD	2,060.0	3,577.0	2059.9	3576.8	TTOC: 14'			
			COROD	3,577.0	4,976.0	3576.8	4975.7	-----			
			COROD	4,976.0	5,772.0	4975.7	5740.0	Prod Csg. Cmt Vol: 2064 cf			
			COROD	5,772.0	6,569.0	5740.0	6476.9	Class 'C' Lead Cement: 1347 cf			
			COROD	6,569.0	8,151.0	6476.9	8052.0	Yield: 2.24, Density: 13.5 ppg.			
			PNYROD	8,151.0	8,153.0	8052.0	8054.0	Class 'C' Tail Cement: 717 cf			
			SHRCPL	8,153.0	8,154.0	8054.0	8055.0	Yield: 1.87, Density: 8.4 ppg.			
			STB3P	8,154.0	8,158.0	8055.0	8059.0	Hole Size: 8.75"			
			ON-OFF	8,158.0	8,159.0	8059.0	8060.0	Casing Size: 7"			
			STB3P	8,159.0	8,163.0	8060.0	8064.0	Top Job: No			
			INSMP	8,163.0	8,203.0	8064.0	8104.0	Rtns to Sfc: No			
			Formation Name					TTOC: 14'			
			AMNICOLA	633.9	633.8			Screen/Slotted Liner Cmt Vol: NA cf			
			LOWER_TULARE	698.6	698.5			Hole Size: NA			
			SANJOAQUIN	1,263.2	1,263.1			Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			

								Cavity Shot: None			
								Junk: None			

								Volume Behind Pipe:			
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
9946.0ft, 9841.2ft								R. Aguilar			
								Date: 11/2022			

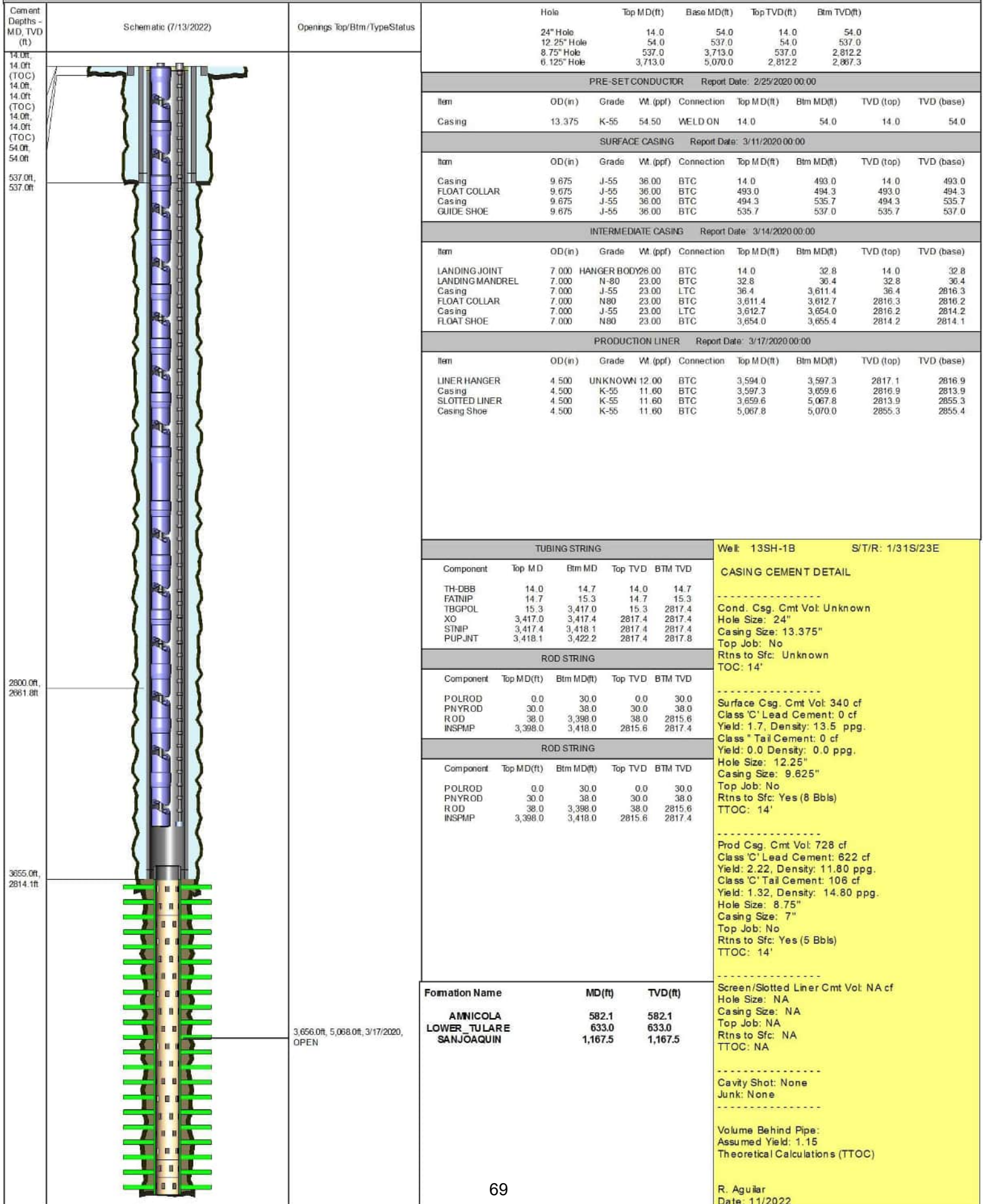
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 7/13/2022

13SH-1B

Ground Level: 1,111.4ft
 Datum: Original DF @ 1,125.36ft (Ensign 536 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403067416

Wellbore: ORIGINAL HOLE
 PBMD: 5,068.0ft
 Btm TMD: 5,070.0ft
 Spud Date/Time: 3/10/2020
 BH Coord X: 6,127,033.87usft
 BH Coord Y: 2,283,819.44usft

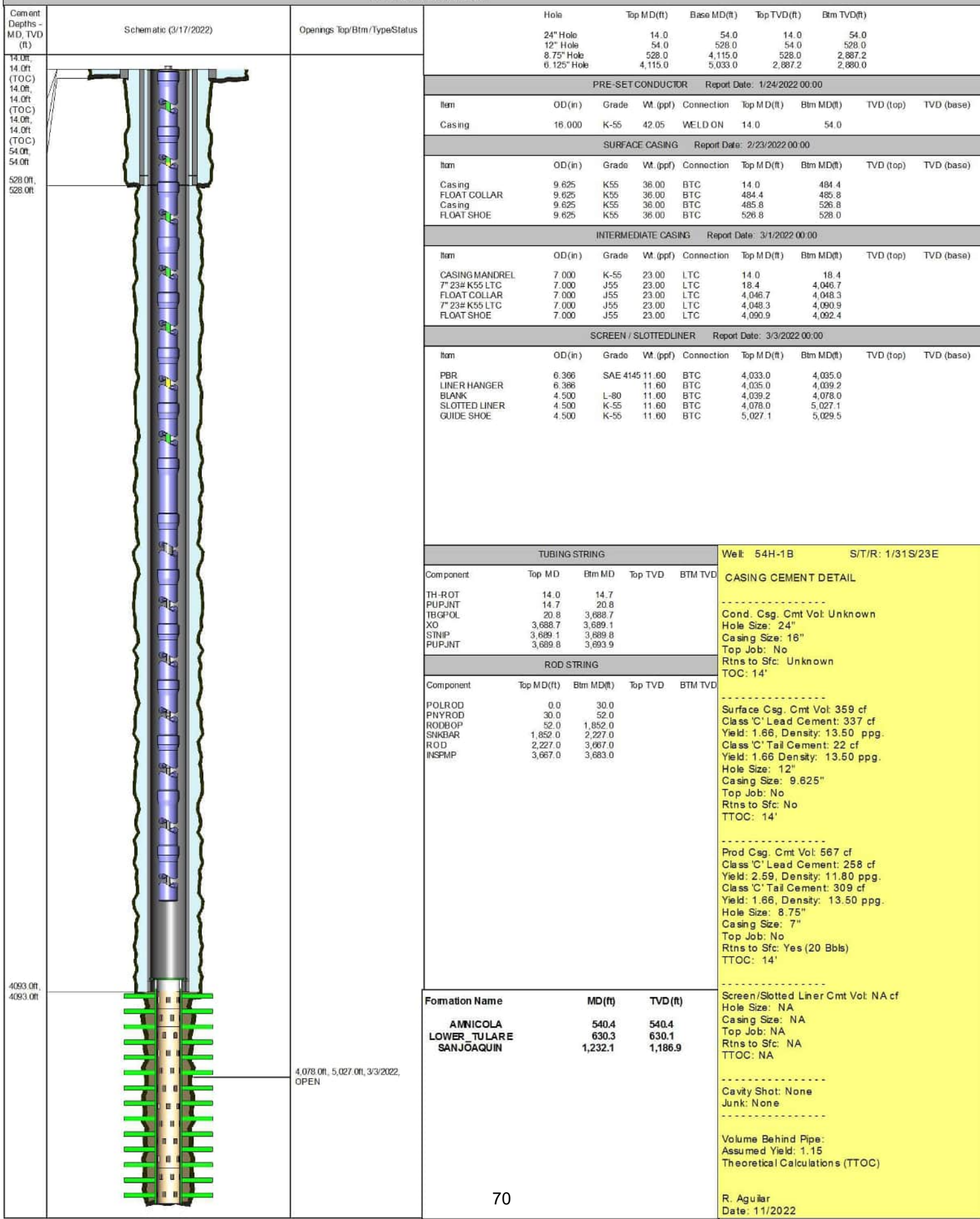


Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 3/17/2022

54H-1B

Ground Level: 1,127.1ft
 Datum: Original DF @ 1,141.11ft (Ensign 536 + KB 14')(default)
 KB: 14.0ft
 API-10: 0403067486

Wellbore: ORIGINAL HOLE
 PBMD: 5,030.0ft
 Btm TMD: 5,033.0ft
 Spud Date/Time: 2/23/2022
 BH Coord X: 6,128,705.09usft
 BH Coord Y: 2,283,168.31usft



Well: 54H-1B S/T/R: 1/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: Unknown
 Hole Size: 24"
 Casing Size: 16"
 Top Job: No
 Rtns to Sfc: Unknown
 TOC: 14'

Surface Csg. Cmt Vol: 359 cf
 Class 'C' Lead Cement: 337 cf
 Yield: 1.66, Density: 13.50 ppg.
 Class 'C' Tail Cement: 22 cf
 Yield: 1.66, Density: 13.50 ppg.
 Hole Size: 12"
 Casing Size: 9.625"
 Top Job: No
 Rtns to Sfc: No
 TTOC: 14'

Prod Csg. Cmt Vol: 567 cf
 Class 'C' Lead Cement: 258 cf
 Yield: 2.59, Density: 11.80 ppg.
 Class 'C' Tail Cement: 309 cf
 Yield: 1.66, Density: 13.50 ppg.
 Hole Size: 8.75"
 Casing Size: 7"
 Top Job: No
 Rtns to Sfc: Yes (20 Bbls)
 TTOC: 14'

Screen/Slotted Liner Cmt Vol: NA cf
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TTOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:
 Assumed Yield: 1.15
 Theoretical Calculations (TTOC)

R. Aguilar
 Date: 11/2022

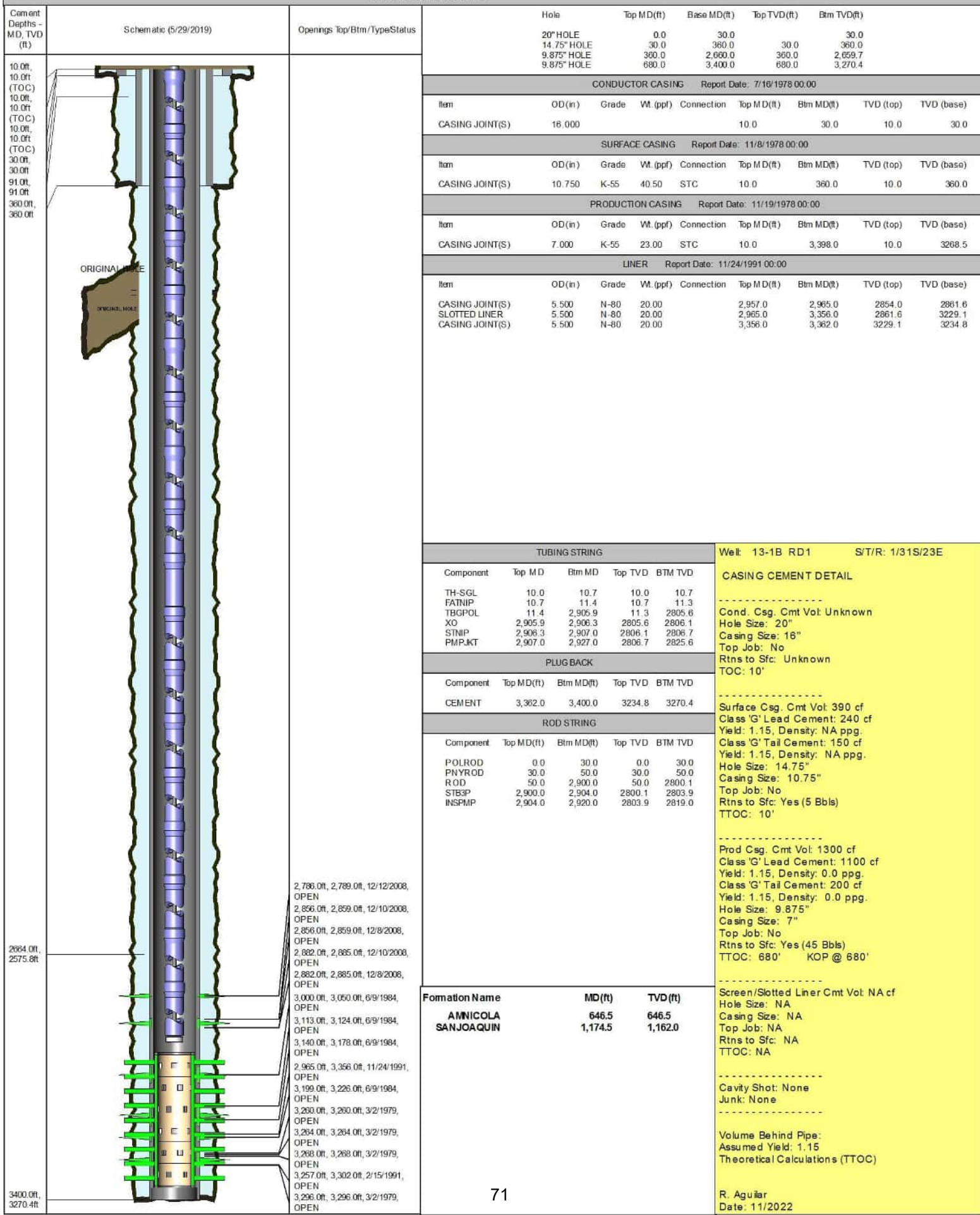
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 5/29/2019

13-1B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,159.00ft (default)
 KB: 10.0ft
 API-10: 0402955673

Wellbore: ST 1
 PBMD: 3,362.0ft
 Btm TMD: 3,400.0ft
 Spud Date/Time: 11/8/1978
 BH Coord X: 6,123,606.40usft
 BH Coord Y: 2,285,431.38usft



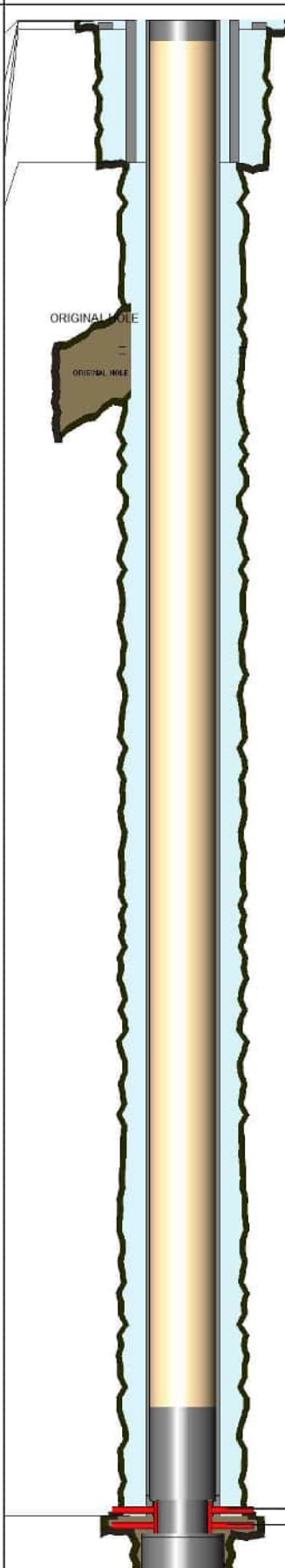
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 3/2/2005

26-1B

Ground Level: 1,078.0ft
 Datum: Original DF @ 1,090.00ft (default)
 KB: 12.0ft
 API-10: 0402972052

Wellbore: ST 1
 PBMD: 12.0ft
 Btm TMD: 3,275.0ft
 Spud Date/Time: 6/4/1984
 BH Coord X: 6,124,688.27usft
 BH Coord Y: 2,283,288.22usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
12.0ft, 12.0ft (TOC)			18" HOLE	12.0	32.0	12.0	32.0				
12.0ft, 12.0ft (TOC)			14.75" HOLE	32.0	317.0	32.0	316.9				
14.0ft, 14.0ft (TOC)			9.875" HOLE	317.0	3,000.0	316.9	2,999.1				
14.0ft, 14.0ft (TOC)			9.875" HOLE	700.0	3,130.0	699.9	3,070.3				
32.0ft, 32.0ft			13" HOLE	3,128.0	3,165.0	3,068.4	3,104.5				
309.0ft, 309.0ft			7.875" HOLE	3,165.0	3,275.0	3,104.5	3,211.7				
			CONDUCTOR CASING Report Date: 5/30/1984 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				16.0	32.0	16.0	32.0
			SURFACE CASING Report Date: 6/8/1984 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	STC	12.0	309.0	12.0	309.0
			PRODUCTION CASING Report Date: 6/17/1984 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00	STC	12.0	3,085.0	12.0	3026.1
			CASING JOINT(S)	7.000	K-55	23.00	STC	3,085.0	3,086.0	3026.1	3027.1
			CASING JOINT(S)	7.000	K-55	23.00	STC	3,086.0	3,128.0	3027.1	3068.1
			LINER Report Date: 6/19/1984 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			LINER HANGER	6.310				3,094.5	3,097.5	3035.4	3038.3
			CASING JOINT(S)	5.500	K-55	20.00		3,097.5	3,099.0	3038.3	3039.8
			SLOTTED LINER	5.500	K-55	20.00		3,099.0	3,128.0	3039.8	3068.1
			SLOTTED LINER	5.500	K-55	20.00		3,128.0	3,165.0	3068.1	3104.2
			Date	Type		Well: 26-1B RD1 S/T/R: 1/31S/23E					
			PLUGBACK			Casing Cement Detail					
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Cond. Csg. Cmt Vol: 78cf			
			CEMENT	12.0	55.0	12.0	55.0	Hole Size: 18"			
			MUD	55.0	2,901.0	55.0	2847.0	Casing Size: 16"			
			PLUGBACK					Top Job: No			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: Yes (32 Bbls)			
			CEMENT	2,901.0	3,094.5	2847.0	3035.4	TOC: 12'			
			CEMENT	3,094.5	3,165.0	3035.4	3104.2	Surface Csg. Cmt Vol: 364 cf			
			CEMENT	3,165.0	3,172.0	3104.2	3111.0	Class 'G' Lead Cement: 215 cf			
			PLUGBACK					Yield: 1.3, Density: NA ppg.			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Tail Cement: 150 cf			
			CEMENT	3,172.0	3,270.0	3111.0	3206.8	Yield: 1.3, Density: NA ppg.			
			PLUGBACK					Hole Size: 14.75"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 10.75"			
			CEMENT	3,172.0	3,270.0	3111.0	3206.8	Top Job: No			
			PLUGBACK					Rtns to Sfc: Yes (9 Bbls)			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: 13'			
			CEMENT	3,172.0	3,270.0	3111.0	3206.8	Prod Csg. Cmt Vol: 1200 cf			
			PLUGBACK					Class 'G' Lead Cement: 970 cf			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.3, Density: NA ppg.			
			CEMENT	3,172.0	3,270.0	3111.0	3206.8	Class 'G' Tail Cement: 230 cf			
			PLUGBACK					Yield: 1.3, Density: NA ppg.			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 9.875"			
			CEMENT	3,172.0	3,270.0	3111.0	3206.8	Casing Size: 7"			
			PLUGBACK					Top Job: No			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: Yes (13 Bbls)			
			CEMENT	3,172.0	3,270.0	3111.0	3206.8	TTOC: 13'			
			PLUGBACK					Screen/Slotted Liner Cmt Vol: NA			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: NA			
			CEMENT	3,172.0	3,270.0	3111.0	3206.8	Casing Size: NA			
			PLUGBACK					Top Job: NA			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: NA			
			CEMENT	3,172.0	3,270.0	3111.0	3206.8	TTOC: NA			
			PLUGBACK					Cavity Shot: None			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Junk: None			
			CEMENT	3,172.0	3,270.0	3111.0	3206.8	Volume Behind Pipe:			
			PLUGBACK					Assumed Yield: 1.15			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Theoretical Calculations (TTOC)			
			CEMENT	3,172.0	3,270.0	3111.0	3206.8	R. Aguilar			
			PLUGBACK					Date: 11/2022			
			PLUGBACK					P&A Mud & Cement Details			
			PLUGBACK					Mud Volume: 125 cf			
			PLUGBACK					Mud Weight: NA			
			PLUGBACK					Top of Mud: 3150'			
			PLUGBACK					Cement: 50 cf @ 3165' - 3270'			
			PLUGBACK					65 cf @ 2901' - 3150'			
			PLUGBACK					Top of Cement: 30 cf @ 5' - 55'			

3128.0ft, 3068.1ft

3,099.0ft, 3,128.0ft, SLOTTED, 6/19/1984 00:00, ABANDONED, 3,128.0ft, 3,165.0ft, SLOTTED, 6/19/1984 00:00, ABANDONED,

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WELL CONSTRUCTION DETAILS FOR WELLS LOCATED IN SECTION 2B

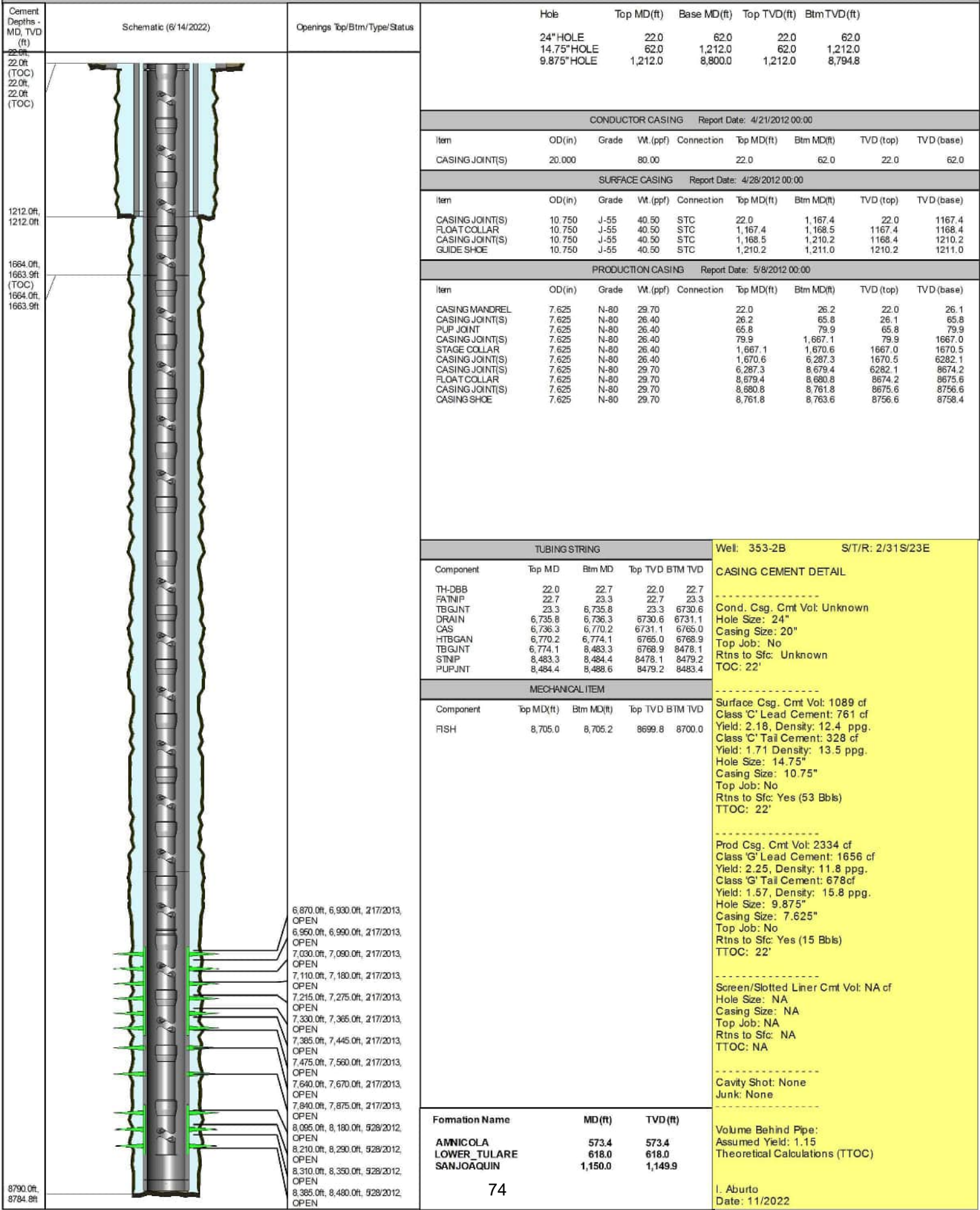
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 6/14/2022

353-2B

Ground Level: 1,106.5ft
 Datum: Original KB @ 1,128.50ft (default)
 KB: 22.0ft
 API-10: 0403046702

Wellbore: ORIGINAL HOLE
 PBMD: 8,709.0ft
 Btm TMD: 8,800.0ft
 Spud Date/Time: 4/27/2012
 BH Coord X: 6,121,750.17usft
 BH Coord Y: 2,285,299.77usft



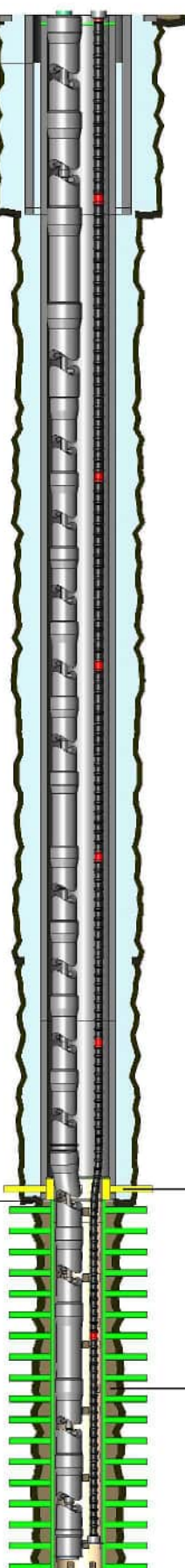
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 02B
Well Status: ACTIVE
End date: 8/12/2022

361-2B

Ground Level: 1,167.9ft
Datum: Original DF @ 1,192.90ft (Air Gap = 25')(default)
KB: 25.0ft
API-10: 0403054258

Wellbore: ORIGINAL HOLE
PBMD: 9,540.0ft
Btm TMD: 9,550.0ft
Spud Date/Time: 3/31/2014
BH Coord X: 6,122,470.99usft
BH Coord Y: 2,286,501.36usft

Cement Depths - MD, TVD (ft)	Schematic (8/12/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	BtmTVD(ft)				
25.0ft 25.0ft (TOC) 316.0ft 316.0ft (TOC)			20" Hole	25.0	65.0	25.0	65.0				
1241.0ft 1240.9ft			14.5" Hole	65.0	1,241.0	65.0	1,240.9				
			10-1/2" Hole	1,241.0	5,789.0	1,240.9	5,780.6				
			8.75" Hole	5,789.0	7,250.0	5,780.6	7,234.7				
			9.875" Hole	5,789.0	7,250.0	5,780.6	7,234.7				
			6.75 Hole	7,250.0	9,550.0	7,234.7	9,533.3				
CONDUCTOR CASING Report Date: 3/30/2014 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000				25.0	65.0	25.0	65.0
SURFACE CASING Report Date: 3/31/2014 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	J-55	40.50		25.0	1,199.0	25.0	1198.9
			FLOAT COLLAR	10.750		0.00		1,199.0	1,200.3	1198.9	1200.3
			Casing	10.750	J-55	40.50		1,200.3	1,239.4	1200.3	1239.4
			GUIDE SHOE	10.750		0.00		1,239.4	1,241.0	1239.4	1240.9
INTERMEDIATE CASING Report Date: 4/8/2014 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			LANDING MANDREL	7.625	N-80	29.70		25.0	29.8	25.0	29.8
			Casing	7.625	N-80	26.40		29.8	71.2	29.8	71.1
			Pup Joint	7.625	N-80	29.70		71.2	91.0	71.1	91.0
			Casing	7.625	N-80	26.40		91.0	4,726.0	91.0	4725.5
			Casing	7.625	P 110	29.70		4,726.0	6,151.6	4725.5	6139.8
			Casing	7.625	P 110	29.70		6,151.6	7,196.4	6139.8	7181.2
			Float Collar	7.625		0.00		7,196.4	7,197.7	7181.2	7182.5
			Casing	7.625	P 110	29.70		7,197.7	7,238.3	7182.5	7223.1
			Casing Shoe	7.625		0.00		7,238.3	7,240.0	7223.1	7224.7
SCREEN / SLOTTED LINER Report Date: 4/16/2014 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			SETTING SLEEVE	6.375	N80	17.00		7,101.7	7,104.5	7088.6	7089.4
			Liner Hanger	6.500	N80	17.00		7,104.5	7,111.4	7089.4	7096.3
			SLOTTED LINER	5.500	L-80	17.00		7,111.4	9,540.4	7096.3	9523.7
			GUIDE SHOE	5.875	N80	17.00		9,540.4	9,547.0	9523.7	9530.3
TUBING STRING											
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 361-2B S/T/R: 2/31S/23E			
			TH-DBB	25.0	25.7	25.0	25.7	Casing Cement Detail			
			FATINP	25.7	26.2	25.7	26.2	-----			
			TBGJNT	26.2	2,350.8	26.2	2,350.6	Cond. Csg. Cmt Vol: Unknown			
			XO	2,350.8	2,351.9	2,350.6	2,351.7	Hole Size: 24"			
			TBGJNT	2,351.9	6,902.6	2,351.7	6,887.5	Casing Size: 20"			
			HTBGAN	6,902.6	6,906.7	6,887.5	6,891.6	Top Job: No			
			TBGJNT	6,906.7	6,939.2	6,891.6	6,924.1	Rtns to Sfc: Unknown			
			HTBGAN	6,939.2	6,943.5	6,924.1	6,928.4	TOC: 25'			
			TBGJNT	6,943.5	9,248.0	6,928.4	9,231.4	-----			
			DRAIN	9,248.0	9,248.4	9,231.4	9,231.9	Surface Csg. Cmt Vol: 876 cf			
			TBGJNT	9,248.4	9,411.0	9,231.9	9,394.4	Class 'C' Lead Cement: 663 cf			
			STNIP	9,411.0	9,412.1	9,394.4	9,395.5	Yield: 1.15, Density: 12.4 ppg.			
			PMPSH	9,412.1	9,416.3	9,395.5	9,399.6	Class 'C' Tail Cement: 213 cf			
ROD STRING											
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15 Density: 13.5 ppg.			
			POLRDL	0.0	42.0	0.0	42.0	Hole Size: 14.5"			
			PNY ROD	42.0	52.0	42.0	52.0	Casing Size: 10.75"			
			R-4PER	52.0	2,062.0	52.0	2,061.8	Top Job: No			
			R-4PER	2,062.0	5,182.0	2,061.8	5,180.8	Rtns to Sfc: Yes (16 Bbls)			
			ROD	5,182.0	7,042.0	5,180.8	7,026.9	TTOC: 25'			
			R-4PER	7,042.0	8,722.0	7,026.9	8,705.7	-----			
			R-6PER	8,722.0	9,382.0	8,705.7	9,365.4	Prod Csg. Cmt Vol: 2450 cf			
			STB3P	9,382.0	9,386.0	9,365.4	9,369.4	Class 'G' Lead Cement: 2254 cf			
			SHRCPL	9,386.0	9,387.0	9,369.4	9,370.4	Yield: 1.15, Density: 12.4 ppg.			
			STB3P	9,387.0	9,391.0	9,370.4	9,374.4	Class 'G' Tail Cement: 196 cf			
			INSPMP	9,391.0	9,431.0	9,374.4	9,414.4	Yield: 1.15, Density: 15.8 ppg.			
ROD STRING											
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 9.875"			
			POLROD	0.0	42.0	0.0	42.0	Casing Size: 7.625"			
			PNY ROD	42.0	68.0	42.0	68.0	Top Job: No			
			COROD	68.0	2,220.0	68.0	2,219.8	Rtns to Sfc: No			
			COROD	2,220.0	3,390.0	2,219.8	3,389.7	TTOC: 316'			
			COROD	3,390.0	4,533.0	3,389.7	4,532.6	-----			
			COROD	4,533.0	5,770.0	4,532.6	5,761.8	Screen/Slotted Liner Cmt Vol: NA of			
			COROD	5,770.0	6,806.0	5,761.8	6,790.9	Hole Size: NA			
			COROD	6,806.0	9,282.0	6,790.9	9,265.4	Casing Size: NA			
			STB3P	9,282.0	9,286.0	9,265.4	9,269.4	Top Job: NA			
			SHRCPL	9,286.0	9,287.0	9,269.4	9,270.4	Rtns to Sfc: NA			
			STB3P	9,287.0	9,291.0	9,270.4	9,274.4	TTOC: NA			
			POLROD	9,291.0	9,331.0	9,274.4	9,314.4	-----			
			PLUNGR	9,331.0	9,337.0	9,314.4	9,320.4	Cavity Shot: None			
Formation Name MD(ft) TVD(ft)								Junk: None			
			AMNICOLA	562.2	562.2	-----					
			LOWER_TULARE	597.2	597.2	Volume Behind Pipe:					
			SANJOAQUIN	1,120.1	1,120.1	Assumed Yield: 1.15					
						Theoretical Calculations (TTOC)					
						I. Aburto					
						Date: 11/2022					

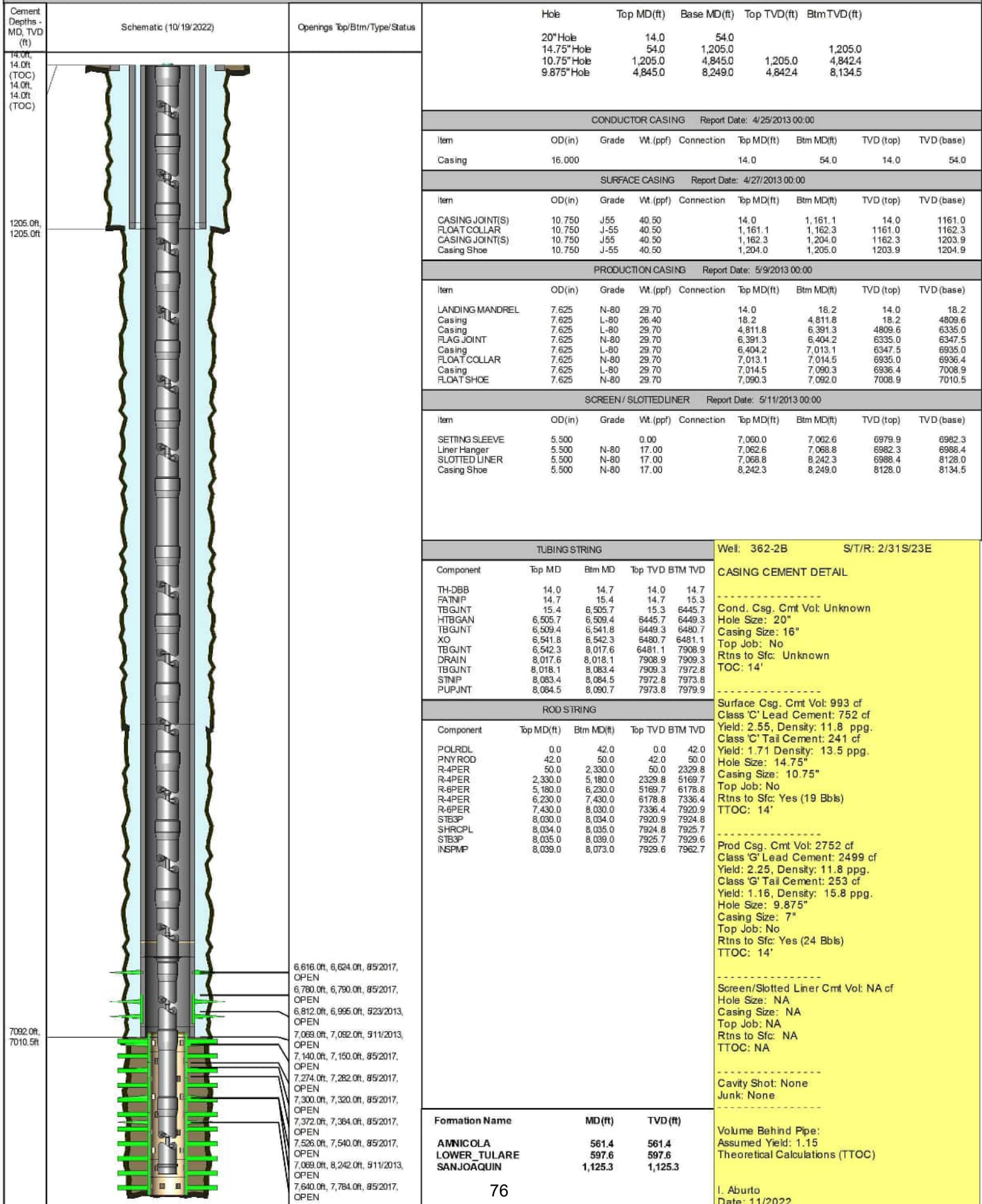
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 10/19/2022

362-2B

Ground Level: 1,155.6ft
 Datum: Original DF @ 1,169.60ft (A G = 14") (default)
 KB: 14.0ft
 API-10: 0403050235

Wellbore: ORIGINAL HOLE
 PBMD: 8,249.0ft
 Btm TMD: 8,249.0ft
 Spud Date/Time: 4/27/2013
 BH Coord X: 6,122,936.36usft
 BH Coord Y: 2,285,237.33usft



Field Name: ELK HILLS
Site Name: 02B
Well Status: ACTIVE
End date: 6/15/2022

Ground Level: 1,123.7ft
Datum: Original DF @ 1,148.70ft (default)
KB: 25.0ft
API-10: 0403054464

Wellbore: ORIGINAL HOLE
PBMD: 7,907.0ft
Btm TMD: 8,005.0ft
Spud Date/Time: 5/1/2014
BH Coord X: 6,122,442.43usft
BH Coord Y: 2,284,456.42usft

364-2B

Cement Depths - MD, TVD (ft)	Schematic (6/15/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
25.0ft 25.0ft (TOC) 25.0ft 25.0ft (TOC)			20" Hole	25.0	65.0	25.0	65.0				
			14.5" Hole	65.0	1,328.0	65.0	1,327.9				
			10.5" Hole	1,328.0	6,704.0	1,327.9	6,693.6				
			8.75" Hole	6,704.0	8,005.0	6,693.6	7,989.9				
			PRE-SET CONDUCTOR Report Date: 4/3/2014 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	20.000				25.0	65.0	25.0	65.0
			SURFACE CASING Report Date: 5/1/2014 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	J-55	40.50	BTC	25.0	1,285.3	25.0	1,285.2
		FLOAT COLLAR	10.750	K-55	40.50	BTC	1,285.3	1,286.6	1,285.2	1,286.5	
		Casing	10.750	J-55	40.50	BTC	1,286.6	1,325.9	1,286.5	1,325.8	
		FLOAT SHOE	10.750	K-55	40.50	BTC	1,325.9	1,326.9	1,325.8	1,326.8	
		PRODUCTION CASING Report Date: 5/9/2014 00:00									
		Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
		LANDING MANDREL	7.000	N-80	26.00		25.0	29.9	25.0	29.9	
		Casing	7.000	N-80	26.00		29.9	7,907.2	29.9	7892.3	
		Float Collar	7.000	N-80	26.00		7,907.2	7,908.6	7892.3	7893.7	
		Casing	7.000	N-80	26.00		7,908.6	7,988.5	7893.7	7973.5	
		FLOAT SHOE	7.000	N-80	26.00		7,988.5	7,990.0	7973.5	7974.9	
1327.0ft, 1326.9ft			TUBING STRING							Well: 364-2B	S/T/R: 2/31S/23E
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			TH-DBB	25.0	25.7	25.0	25.7	Cond. Csg. Cmt Vol: Unknown			
			FATNIP	25.7	26.3	25.7	26.3	Hole Size: 20"			
			TBGJNT	26.3	6,484.8	26.3	6474.9	Casing Size: 16"			
			HTBGAN	6,484.8	6,488.2	6474.9	6478.4	Top Job: No			
			TBGJNT	6,488.2	6,519.2	6478.4	6509.3	Rtns to Sfc: Unknown			
			HTBGAN	6,519.2	6,522.7	6509.3	6512.7	TOC: 14'			
			TBGJNT	6,522.7	7,782.6	6512.7	7768.0	Surface Csg. Cmt Vol: 993 cf			
			DRAIN	7,782.6	7,783.0	7768.0	7768.4	Class 'C' Lead Cement: 752 cf			
			TBGJNT	7,783.0	7,846.6	7768.4	7831.8	Yield: 2.55, Density: 11.8 ppg.			
			STNIP	7,846.6	7,847.7	7831.8	7832.9	Class 'C' Tail Cement: 241 cf			
			PUPJNT	7,847.7	7,851.8	7832.9	7837.0	Yield: 1.71 Density: 13.5 ppg.			
			ROD STRING							Hole Size: 14.75"	
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 10.75"			
			POLRDL	0.0	42.0	0.0	42.0	Top Job: No			
			PNYROD	42.0	50.0	42.0	50.0	Rtns to Sfc: Yes (19 Bbls)			
			ROD	50.0	1,880.0	50.0	1879.6	TTOC: 14'			
			R-4PER	1,880.0	5,600.0	1879.6	5594.4	Prod Csg. Cmt Vol: 2752 cf			
			R-6PER	5,600.0	7,190.0	5594.4	7177.7	Class 'G' Lead Cement: 2499 cf			
			R-4PER	7,190.0	7,790.0	7177.7	7775.4	Yield: 2.25, Density: 11.8 ppg.			
			STB3P	7,790.0	7,794.0	7775.4	7779.4	Class 'G' Tail Cement: 253 cf			
			INSPMP	7,794.0	7,838.0	7779.4	7823.3	Yield: 1.16, Density: 15.8 ppg.			
			Screen/Slotted Liner Cmt Vol: NA cf							Hole Size: NA	
			Casing Size: NA							Top Job: NA	
			Rtns to Sfc: NA							TTOC: NA	
			Cavity Shot: None							Junk: None	
			Volume Behind Pipe:							Assumed Yield: 1.15	
			Theoretical Calculations (TTOC)							I. Aburto	
			Date: 11/2022								
8005.0ft, 7989.9ft			Formation Name	MD(ft)	TVD(ft)						
			AMNICOLA	621.8	621.8						
			LOWER_TULARE	667.1	667.0						
			SANJOAQUIN	1,187.2	1,187.1						
			77								

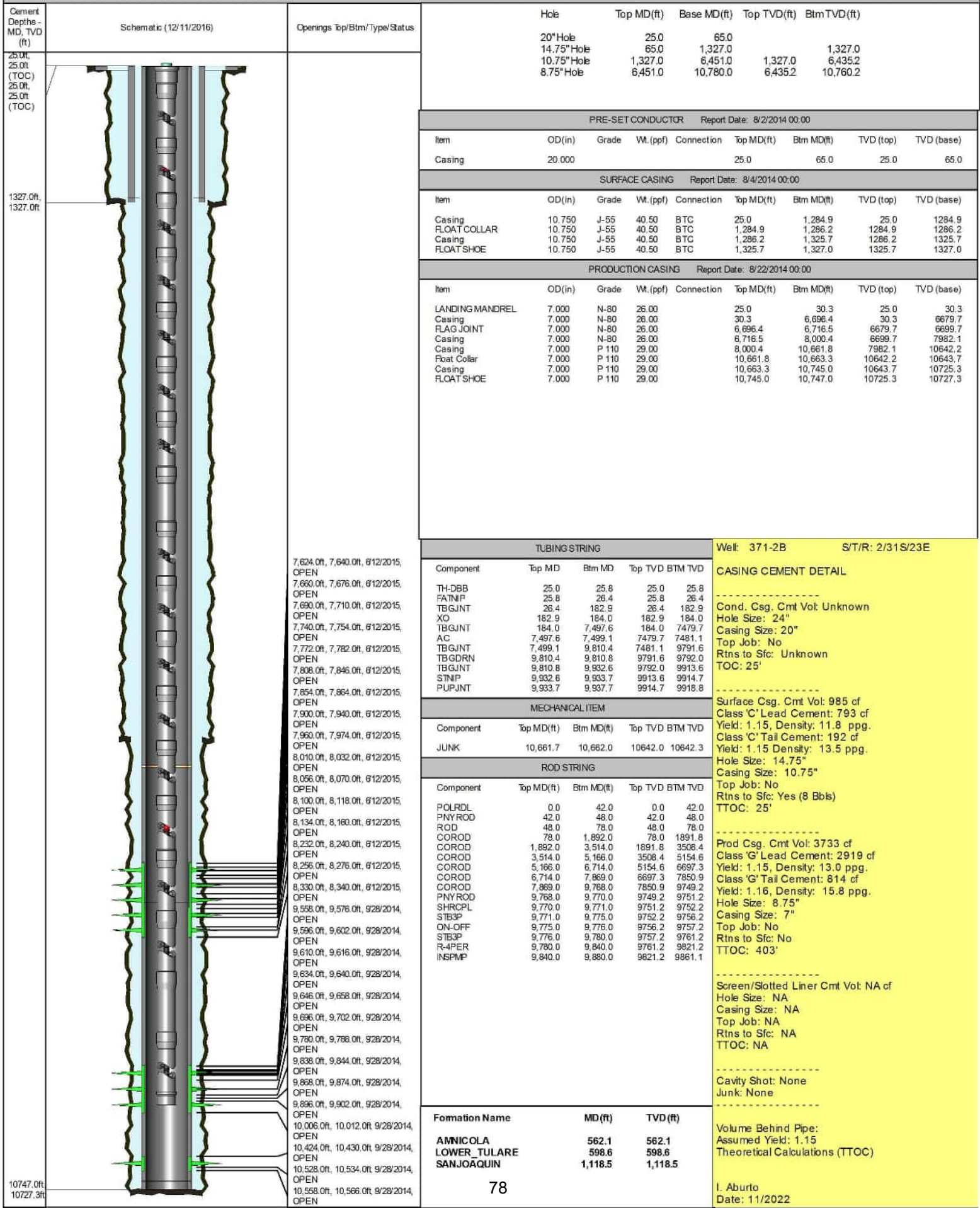
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 12/11/2016

371-2B

Ground Level: 1,169.6ft
 Datum: Original DF @ 1,194.60ft(default)
 KB: 25.0ft
 API-10: 0403055154

Wellbore: ORIGINAL HOLE
 PBMD: 10,662.0ft
 Btm TMD: 10,780.0ft
 Spud Date/Time: 8/3/2014
 BH Coord X: 6,123,175.23usft
 BH Coord Y: 2,286,755.54usft



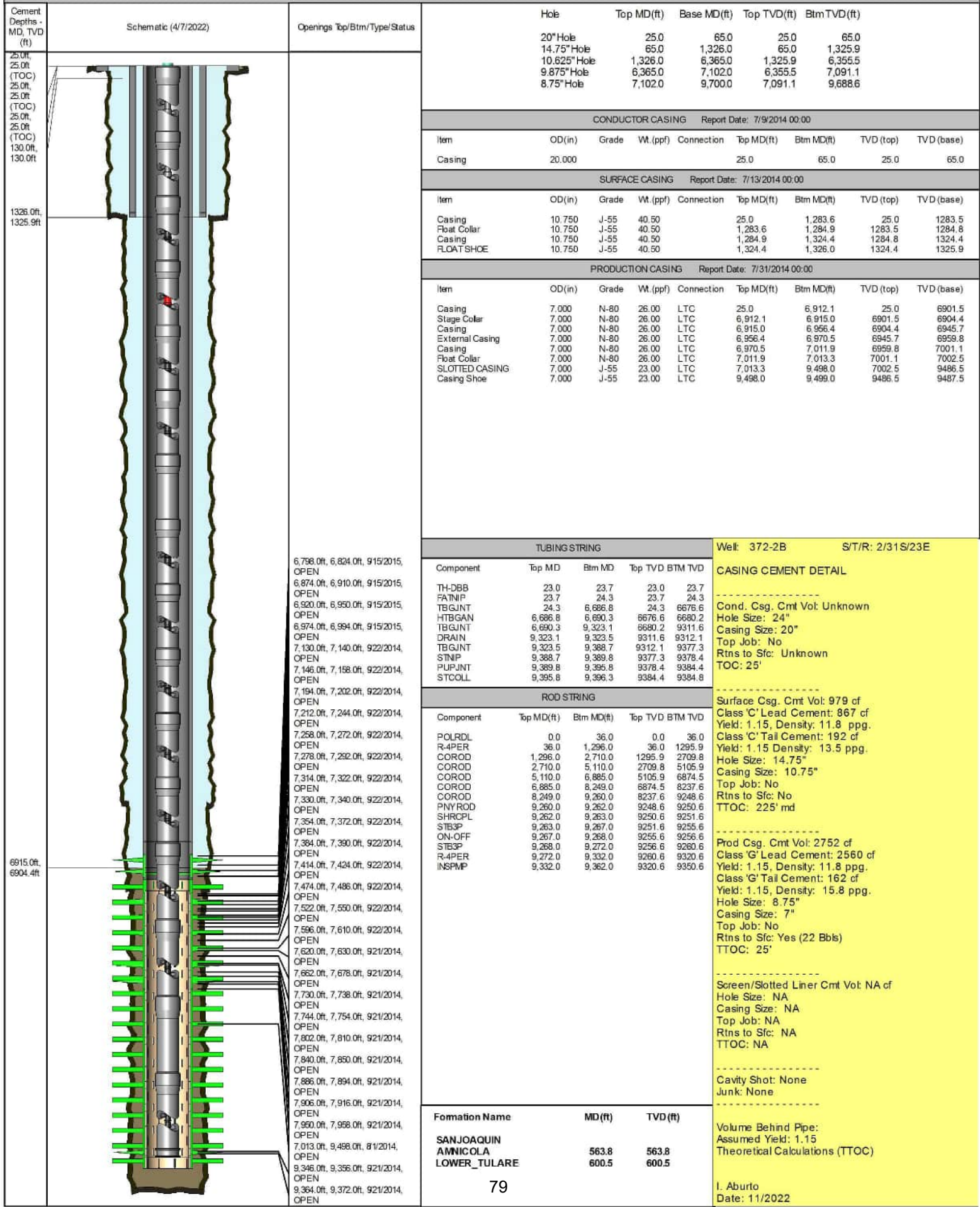
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: FINISHED - SUCCESS
 End date: 4/7/2022

372-2B

Ground Level: 1,169.6ft
 Datum: Original DF @ 1,194.60ft (H&P 381 Air Gap - 25')(default)
 KB: 25.0ft
 API-10: 0403055155

Wellbore: ORIGINAL HOLE
 PBMD: 9,499.0ft
 Btm TMD: 9,700.0ft
 Spud Date/Time: 7/13/2014
 BH Coord X: 6,123,019.57usft
 BH Coord Y: 2,286,090.34usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 Status date: 6/1/2007

1-2B

Ground Level: 1,055.0ft
 Datum: Original KB @ 1,060.00ft (default)
 KB: 5.0ft
 API-10: 0402927890

Wellbore: ORIGINAL HOLE
 PBMD: 0.0ft
 Btm TMD: 1,845.0ft
 Spud Date/Time: 12/1/1910
 BH Coord X: 6,121,741.76usft
 BH Coord Y: 2,284,012.93usft

Cement Depths - MD, TVD (ft)	Schematic: (8/1/2007)	Openings: Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)		
			20" Hole	0.0	325.0				
			14.75" Hole	325.0	750.0				
			9.875" Hole	750.0	1,845.0				
	PRE-SET CONDUCTOR Report Date: 12/1/1910 00:00								
	Item	OD(in)	Grade	Vol (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
	Casing	16.000		65.00		5.0	325.0	5.0	325.0
	SURFACE CASING Report Date: 12/2/1910 00:00								
	Item	OD(in)	Grade	Vol (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
	Casing	12.500		40.00		5.0	750.0	5.0	750.0
	PRODUCTION CASING Report Date: 12/3/1910 00:00								
	Item	OD(in)	Grade	Vol (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
	Casing	8.250		39.50		5.0	1,600.0	5.0	1600.0
	Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 1-2B S/T/R: 2/31S/23E			
						CASING CEMENT DETAIL			
						----- Cond. Csg. Cmt Vol: NA Hole Size: 20" Casing Size: 16" Top Job: No Rtns to Sfc: NA TOC: 5' ----- Surface Csg. Cmt Vol: NA Class 'G' Lead Cement: NA Yield: 0.0, Density: NA ppg. Class 'G' Tail Cement: NAcf Yield: 0.0, Density: NA ppg. Hole Size: 14.75" Casing Size: 12.5" Top Job: No Rtns to Sfc: NA TTOC: 5' ----- Prod Csg. Cmt Vol: NA Class 'G' Lead Cement: NA Yield: 0.0, Density: NA ppg. Class 'G' Tail Cement: NA Yield: 0.0, Density: NA ppg. Hole Size: 9.875" Casing Size: 8.25" Top Job: No Rtns to Sfc: NA TTOC: 5' ----- Screen/Slotted Liner Cmt Vol: NA Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)			
	Formation Name					MD(ft)	TVD(ft)	R. Aguilar Date: 11/2022	
						P&A Mud & Cement Details ----- Mud Volume: NA Mud Weight: NA Top of Mud: NA Cement: 1179 cf @ 5' - 1845' Top Cement: 3 cf @ 5' - 8'			

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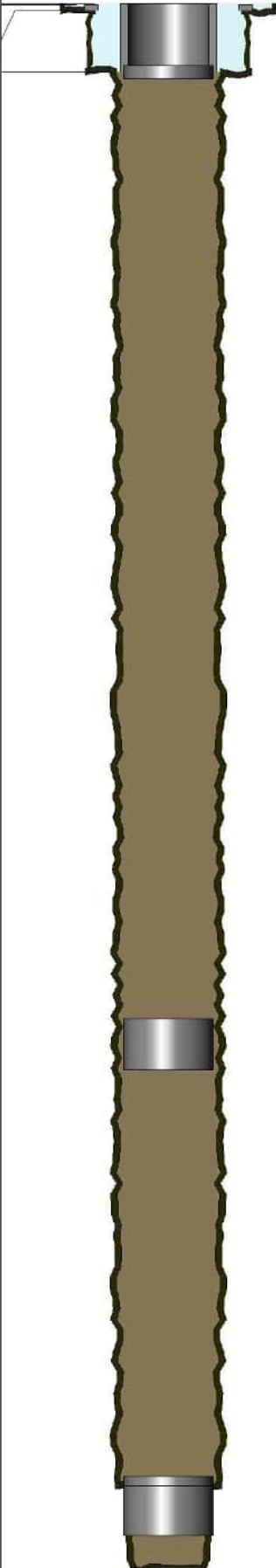
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: P&A
 Status Date: 7/1/1945

62-2B

Ground Level: 1,151.0ft
 Datum: Original DF @ 1,157.00ft (default)
 KB: 6.0ft
 API-10: 0402927891

Wellbore: ORIGINAL HOLE
 PBMD: 186.0ft
 Btm TMD: 4,550.0ft
 Spud Date/Time: 5/24/1945
 BH Coord X: 6,122,393.57usft
 BH Coord Y: 2,285,921.98usft

Cement Depths - MD, TVD (ft) 186.0ft 204.0ft (TOC) 26.0ft, 26.0ft 204.0ft, 204.0ft		Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
			22" Hole	6.0	26.0	6.0	26.0				
			15.5" Hole	26.0	204.0	26.0	204.0				
			9.875" Hole	204.0	4,305.0	204.0	4,305.0				
			6.75" Hole	4,305.0	4,550.0	4,305.0	4,550.0				
			CONDUCTOR CASING					Report Date: 5/7/1945 00:00			
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	18.625	J-55	87.50		10.0	26.0	10.0	26.0
			SURFACE CASING					Report Date: 5/24/1945 00:00			
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	10.750	J-55	40.50		6.0	204.0	6.0	204.0			
			PLUG BACK					Well: 62-2B S/T/R: 2/31S/23E			
Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL						
CEMENT	186.0	204.0	186.0	204.0	-----						
CEMENT	204.0	225.0	204.0	225.0	Cond. Csg. Cmt Vol: 61 cf						
PLUG BACK					Transit Cement Mix						
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.00, Density: 0.0 ppg						
CEMENT	2,950.0	3,100.0	2950.0	3100.0	Hole Size: 22"						
PLUG BACK					Casing Size: 18.625"						
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No						
CEMENT	4,277.0	4,305.0	4277.0	4305.0	Rtns to Sfc: 1 Bbl						
CEMENT	4,305.0	4,450.0	4305.0	4450.0	TOC: 10'						

					Surface Csg. Cmt Vol: 200 cf						
					Class 'C' Construction Cement						
					Yield: 1.18, Density: 0.0 ppg.						
					Hole Size: 15.5"						
					Casing Size: 10.75"						
					Top Job: 125 cf, Same Mix						
					Unknown Yield and Density						
					Rtns to Sfc: 8.7 Bbls						
					TTOC: 6'						

					Prod Csg. Cmt Vol: NA						
					Hole Size: NA						
					Casing Size: NA						
					Top Job: NA						
					Rtns to Sfc: NA						
					TTOC: NA						

					Screen/Slotted Liner Cmt Vol: NA						
					Hole Size: NA						
					Casing Size: NA						
					Top Job: NA						
					Rtns to Sfc: NA						
					TTOC: NA						

					Cavity Shot: None						
					Junk: None						

					Volume Behind Pipe:						
					Assumed Yield: 1.15						
					Theoretical Calculations (TTOC)						

					B. Galindo						
					Date: 11/2022						
					P&A Mud & Cement Details						

					Mud Volume: NA						
					Mud Weight: NA						
					Top of Mud: NA						

					Cement: 69 cf @ 4277' - 4450'						
					103.5 cf @ 2950' - 3100'						
					28.75 cf @ 221' - 225'						
					23 cf @ 186' - 218'						

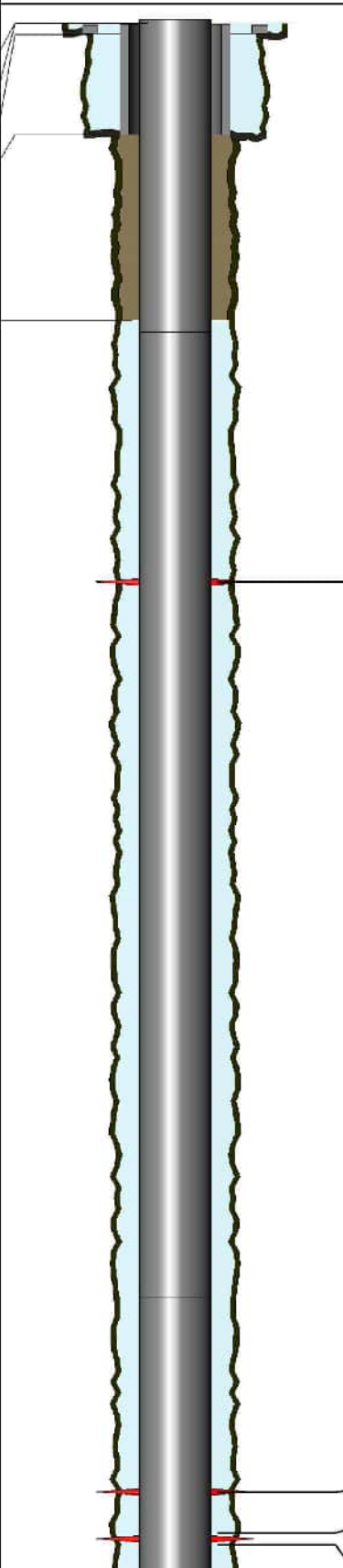
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Field Name: ELK HILLS
Site Name: 02B
End Status: P&A
Status Date: 8/30/2023

Ground Level: 1,176.0ft
Datum: Original DF @ 1,182.00ft (default)
KB: 6.0ft
API-10: 0402927892

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 2,936.0ft
Spud Date/Time: 4/10/1945
BH Coord X: 6,123,791.75usft
BH Coord Y: 2,285,908.93usft

82-2B

Cement Depths-MD, TVD (ft)	Schematic(8/30/2023)	Openings Top/Btm/Type/Status
6.0ft, 6.0ft (TOC) 6.0ft, 6.0ft (TOC) 26.0ft, 26.0ft 208.0ft, 208.0ft 544.0ft, 544.0ft (TOC)		
2680.0ft, 2680.0ft		2,661.0ft, 2,669.0ft, 6/21/1989, ABANDONED 2,734.0ft, 2,745.0ft, 3/1/2005, ABANDONED 2,756.0ft, 2,766.0ft, 6/21/1989, ABANDONED 2,865.0ft, 2,868.0ft, 4/28/1945, ABANDONED 2,880.0ft, 2,935.0ft, 4/28/1945, ABANDONED

Hole Top MD(ft) Base MD(ft) Top TVD(ft) Btm TVD(ft)

20"HOLE 0.0 0.0

15.5"HOLE 7.0 26.0 7.0 26.0

9.875"HOLE 26.0 208.0 26.0 208.0

7.625"HOLE 208.0 2,880.0 208.0 2,880.0

 2,880.0 2,936.0 2,880.0 2,936.0

CONDUCTOR CASING Report Date: 4/1/1945 00:00

Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	18.000				10.0	26.0	10.0	26.0

SURFACE CASING Report Date: 4/10/1945 00:00

Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	10.750	J-55	40.50	8RD	9.0	208.0	9.0	208.0

PRODUCTION CASING Report Date: 4/24/1945 00:00

Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	7.000	H-40	20.00	8RD	7.0	2,880.0	7.0	2,880.0

LINER Report Date: 4/28/1945 00:00

Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
LINER HANGER	7.000	N-80	17.00	8RD	2,845.0	2,846.0	2845.0	2846.0
CASING JOINT(S)	5.500	N-80	17.00	8RD	2,846.0	2,880.0	2846.0	2880.0
SLOTTED LINER	5.500	N-80	17.00	8RD	2,880.0	2,935.0	2880.0	2935.0
FLOATSHOE	5.500				2,935.0	2,935.5	2935.0	2935.5

PLUGBACK Report date: 6/28/2023

Component	Top MD	Btm MD	Top TVD	BTM TVD
CEMENT	0.0	25.0	0.0	25.0

PLUGBACK Report date: 6/25/2023

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
CEMENT	0.0	566.0	0.0	566.0

PLUGBACK Report date: 6/24/2023

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
CEMENT	566.0	2,312.0	566.0	2312.0

PLUGBACK Report date: 6/23/2023

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
CEMENT	2,312.0	2,909.0	2312.0	2909.0

Well: 82-2B S/T/R: 2/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: 67 cf

Hole Size: 20"

Casing Size: 18"

Top Job: No

Rtns to Sfc: Yes (3 Bbls)

TOC: 6'

Surface Csg. Cmt Vol: 345 cf

Class 'C' Lead Cement

Yield: 1.15, Density: 0.0 ppg

Class 'C' Tail Cement

Yield: 1.15, Density: 0.0 ppg

Hole Size: 15.5"

Casing Size: 10.75"

Top Job: Yes, (115 cf)

Rtns to Sfc: Yes (9.5 Bbls)

TTOC: 6'

Prod Csg. Cmt Vol: 230 cf

Class 'C' Lead Cement

Yield: 1.15, Density: 0.0 ppg

Class 'C' Tail Cement

Yield: 1.15, Density: 0.0 ppg

Hole Size: 9.875"

Casing Size: 7"

Top Job: No

Rtns to Sfc: No

TTOC: 544' (Based on 04/17/2014 CBL)

Screen/Slotted Liner Cmt Vol: NA cf

Hole Size: NA

Casing Size: NA

Top Job: NA

Rtns to Sfc: NA

TTOC: NA

Cavity Shot: None

Junk: None

Volume Behind Pipe:

Assumed Yield: 1.15

Theoretical Calculations (TTOC)

B. Galindo

Date: 11/2022

Updated:

R. Aguilar

Date: 10/2023

Formation Name	MD(ft)	TVD(ft)
AMNICOLA	581.0	581.0
LOWER_TULARE	624.9	624.9
SAN JOAQUIN	1,144.2	1,144.2

P&A Details

Mud Volume: NA

Mud Weight: NA

Top of mud: NA

Cmnt Volume:

150cf @ 2312' - 2909'

400cf @ 566' - 2312'

150cf @ 0' - 566'

Top Job: 300 cf @ 0' - 25'

82

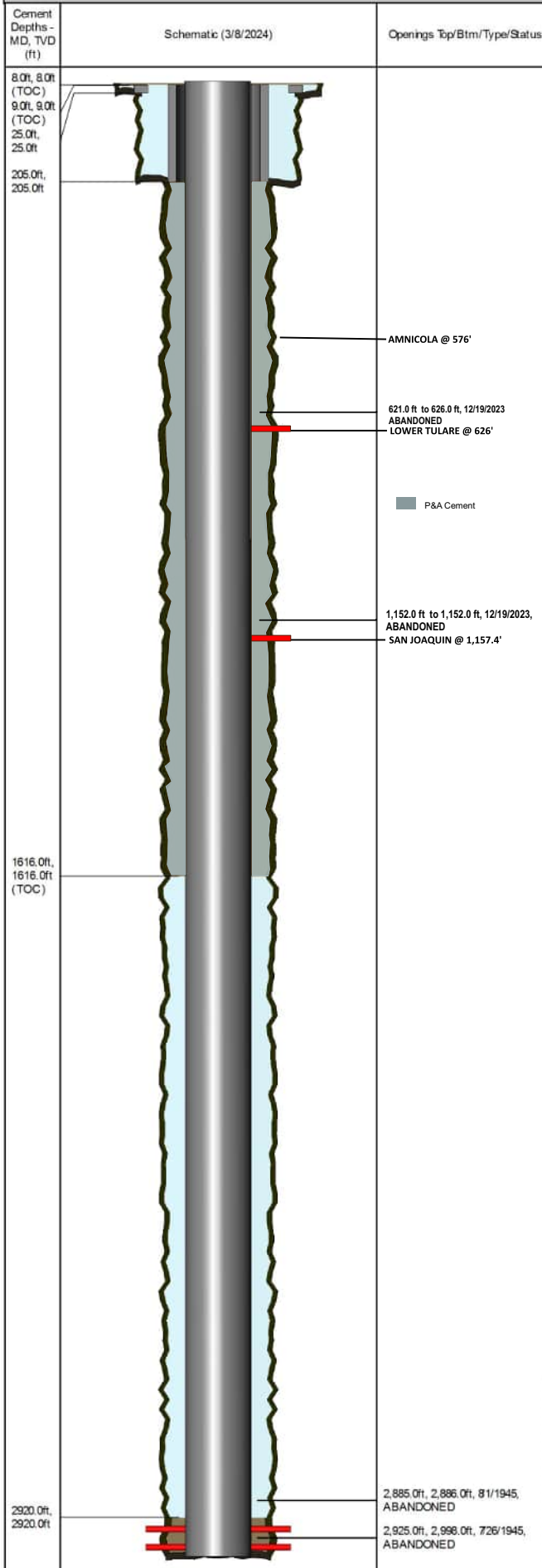
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P & A
 Status date: 3/8/2024

84-2B

Ground Level: 1,105.0ft
 Datum: Original DF @ 1,110.00ft (default)
 KB: 5.0ft
 API-10: 0402927893

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 3,000.0ft
 Spud Date: 7/12/1945
 BH Coord X: 6,123,714.75usft
 BH Coord Y: 2,284,570.93usft



Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
20" HOLE	5.0	25.0	5.0	25.0
15.5" HOLE	25.0	205.0	25.0	205.0
9.875" HOLE	205.0	3,000.0	205.0	3,000.0

CONDUCTOR CASING				Report Date: 7/12/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	18.000				9.0	25.0	9.0

SURFACE CASING				Report Date: 7/19/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	10.750	J-55	40.50	8RD	8.0	205.0	8.0

PRODUCTION CASING				Report Date: 7/26/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	7.000	H-40	20.00	8RD	6.0	2,925.0	6.0
SLOTTED LINER	7.000	J-55	20.00	8RD	2,925.0	2,998.0	2925.0

PLUG BACK			
Component	Top MD	Btm MD	Top TVD
CEMENT	1.0	2,998.0	1.0

TUBING STRING			
Component	Top MD(ft)	Btm MD(ft)	Top TVD
TH-SGL	5.0	5.7	5.0

Formation Name	MD (ft)	TVD (ft)
AMNICOLA	576.4	576.4
LOWER TULARE	626.0	626.0
SANJOAQUIN	1,157.4	1,157.4

Well: 84-2B S/T/R: 2/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: 61 cf
 Hole Size: 20"
 Casing Size: 18"
 Top Job: No
 Rtns to Sfc: Unknown
 TOC: 5'

Surface Csg. Cmt Vol: 236 cf
 Class 'C' Lead Cement: 236 cf
 Yield: 1.18, Density: 0.0 ppg.
 Class 'C' Tail Cement: 0 cf
 Yield: 0.0, Density: 0.0 ppg.
 Hole Size: 15.5"
 Casing Size: 10.75"
 Top Job: No
 Rtns to Sfc: Yes (22 cf)
 TTOC: 5'

Prod Csg. Cmt Vol: 354 cf
 Class 'C' Lead Cement: 236 cf
 Yield: 1.18 Density: 0.0 ppg.
 Class 'C' Tail Cement: 118 cf
 Yield: 1.18, Density: 0.0 ppg.
 Hole Size: 9.875"
 Casing Size: 7"
 Top Job: No
 Rtns to Sfc: No
 TTOC: 1616'

Screen/Slotted Liner Cmt Vol: NA
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TTOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:

Assumed Yield: 1.15
 Theoretical Calculations (TTOC)

R. Aguilar
 Date: 04/2024

P&A Mud & Cement Details

Mud Volume: NA
 Mud Weight: NA
 Top of Mud: NA

Cement: 163 cf @ 2310' - 2987'
 344 cf @ 874' - 2310'
 150 cf @ 343' - 898'
 Top of Cement: 115 cf @ 0' - 388'
 Top Job: 50 cf @ 0' - 25'

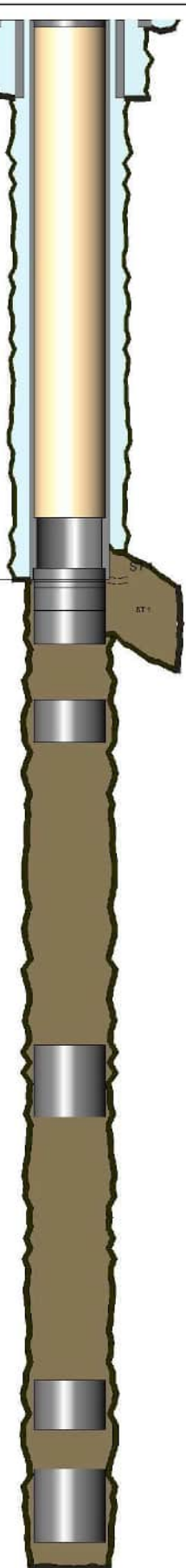
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: PERM ABAND
 Status date: 3/2/2005

384-2B

Ground Level: 1,104.0ft
 Datum: Original DF @ 1,113.00ft (default)
 KB: 9.0ft
 API-10: 0402952732

Wellbore: ORIGINAL HOLE
 PBMD: 3,646.0ft
 Btm TMD: 9,930.0ft
 Spud Date/Time: 2/15/1975
 BH Coord X: 6,123,398.75usft
 BH Coord Y: 2,284,536.21usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
9.0ft, 9.0ft (TOC)			24" Hole	9.0	58.0	9.0	58.0				
9.0ft, 9.0ft (TOC)			17.5" Hole	58.0	510.0	58.0	510.0				
9.0ft, 9.0ft (TOC)			12.25" Hole	510.0	3,595.0	510.0	3,594.8				
58.0ft, 58.0ft			8.75" Hole	3,595.0	9,930.0	3,594.8	9,919.4				
510.0ft, 510.0ft			CONDUCTOR CASING Report Date: 2/14/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	20.000	H-40	92.00		9.0	58.0	9.0	58.0
			SURFACE CASING Report Date: 2/16/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	13.375	K-55	54.50		9.0	510.0	9.0	510.0
	INTERMEDIATE CASING Report Date: 2/21/1976 00:00										
	Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
	CASING JOINT(S)	9.625	K-55	40.00		9.0	3,595.0	9.0	3594.8		
	PLUG BACK					Well: 384-2B S/T/R: 2/31S/23E					
	Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL					
	CEMENT	9.0	55.0	9.0	55.0	Cond. Csg. Cmt Vol: Unknown					
	MUD	55.0	3,197.0	55.0	3196.8	Hole Size: 24"					
	PLUG BACK					Casing Size: 20"					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No					
	CEMENT	3,520.0	3,595.0	3519.8	3594.8	Rtns to Sfc: Unknown					
	CEMENT	3,595.0	3,608.0	3594.8	3607.8	TOC: 9'					
	PLUG BACK					Surface Csg. Cmt Vol: 564 cf					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Lead Cement: 414 cf					
	CEMENT	3,608.0	3,652.0	3607.8	3651.8	Yield: 1.15, Density: 12 ppg.					
	PLUG BACK					Class 'G' Tail Cement: 150 cf					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: NA ppg.					
	CEMENT	3,646.0	3,792.0	3645.8	3791.7	Hole Size: 17.5"					
	PLUG BACK					Casing Size: 13.375"					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No					
	CEMENT	3,795.0	4,006.0	3794.7	4005.7	Rtns to Sfc: Yes (11 Bbls)					
	PLUG BACK					TTOC: 9'					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Prod Csg. Cmt Vol: 1805 cf					
	CEMENT	4,363.0	4,636.0	4362.6	4635.5	Class 'G' Lead Cement: 1577 cf					
	PLUG BACK					Yield: 1.15, Density: NA ppg.					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Tail Cement: 228 cf					
	CEMENT	6,576.0	7,034.0	6574.9	7032.4	Yield: 1.15, Density: NA ppg.					
	PLUG BACK					Hole Size: 12.25"					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 9.625"					
	CEMENT	8,720.0	9,037.0	8714.8	9029.9	Top Job: No					
	PLUG BACK					Rtns to Sfc: Yes (119 Bbls)					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: 9'					
	CEMENT	9,288.0	9,759.0	9279.5	9748.8	Screen/Slotted Liner Cmt Vol: NA					
	PLUG BACK					Hole Size: NA					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: NA					
	CEMENT					Top Job: NA					
	PLUG BACK					Rtns to Sfc: NA					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: NA					
	CEMENT					Cavity Shot: None					
	PLUG BACK					Junk: None					
	PLUG BACK					Volume Behind Pipe:					
	PLUG BACK					Assumed Yield: 1.15					
	PLUG BACK					Theoretical Calculations (TTOC)					
	PLUG BACK					R. Aguilar					
	PLUG BACK					Date: 11/2022					
	PLUG BACK					P&A Mud & Cement Details					
	PLUG BACK					-----					
	PLUG BACK					Mud Volume: NA					
	PLUG BACK					Mud Weight: NA					
	PLUG BACK					Top of Mud: NA					
	PLUG BACK					Cement: 208 cf @ 9288' - 9750'					
	PLUG BACK					146 cf @ 8720' - 9037'					
	PLUG BACK					250 cf @ 6576' - 7033'					
	PLUG BACK					130 cf @ 4363' - 4635'					
	PLUG BACK					130 cf @ 3795' - 4008'					
	PLUG BACK					141 cf @ 3646' - 3790'					
	PLUG BACK					KOP: @ 6813'					
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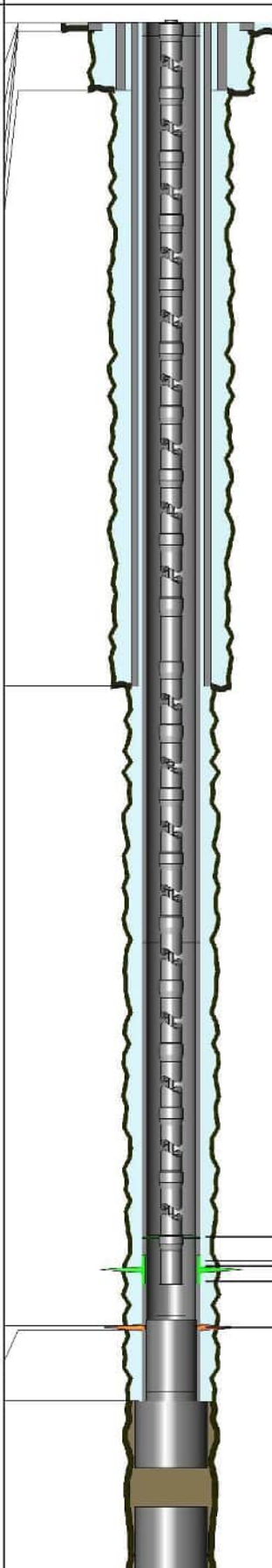
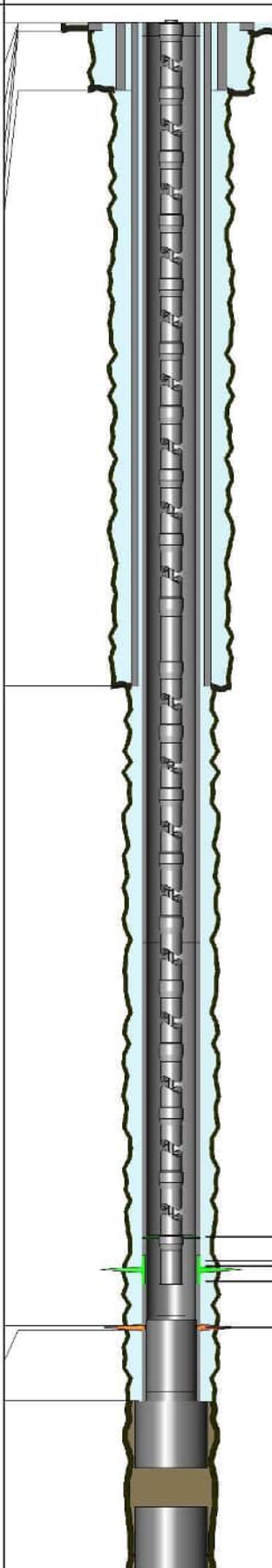
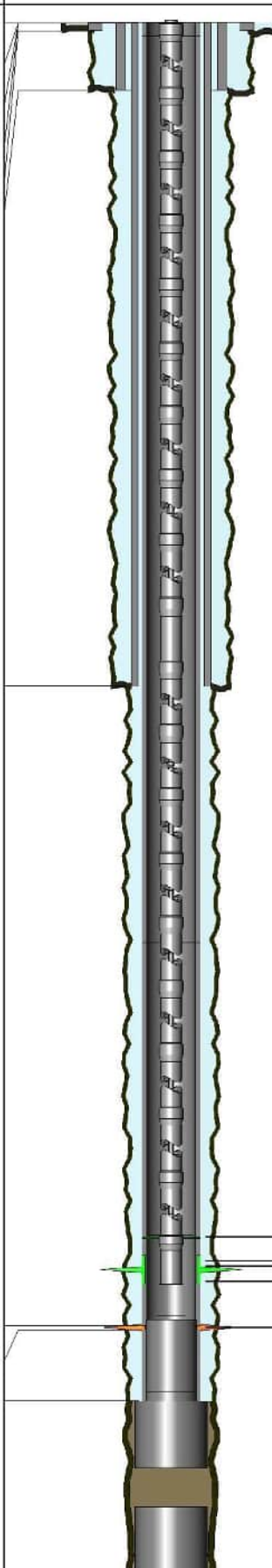
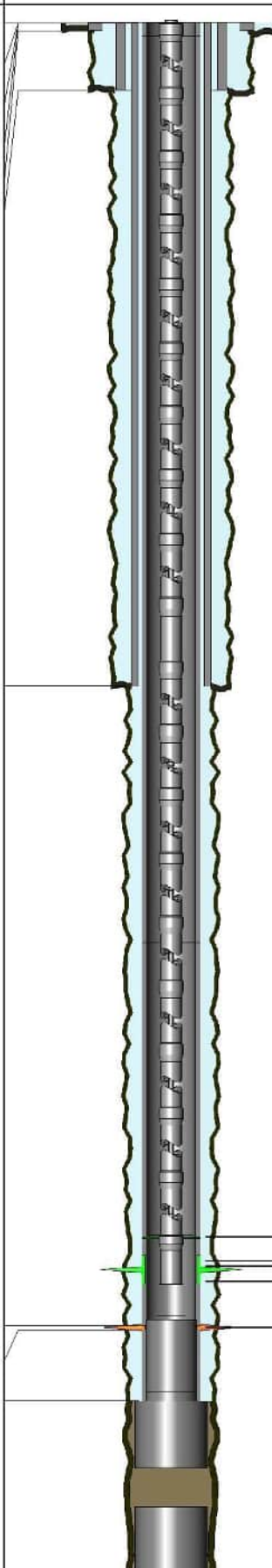
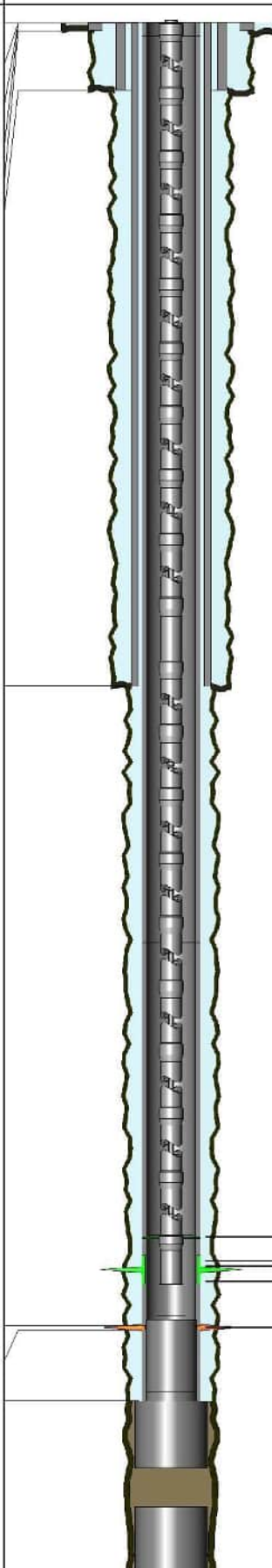
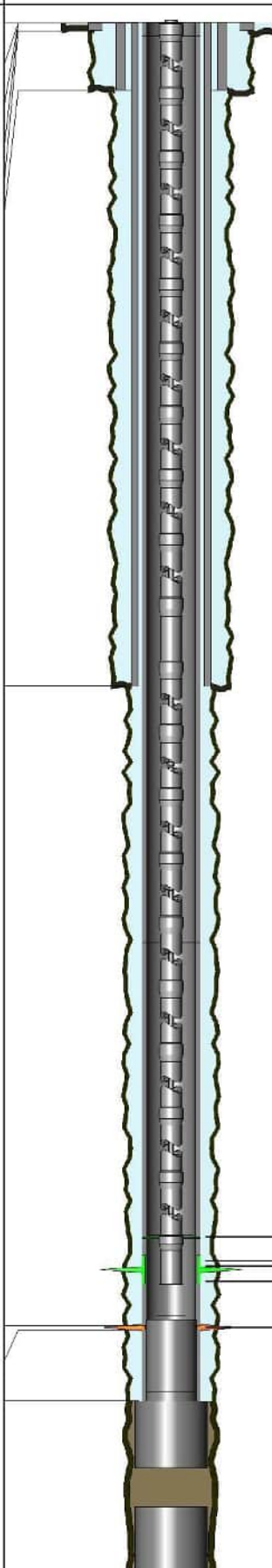
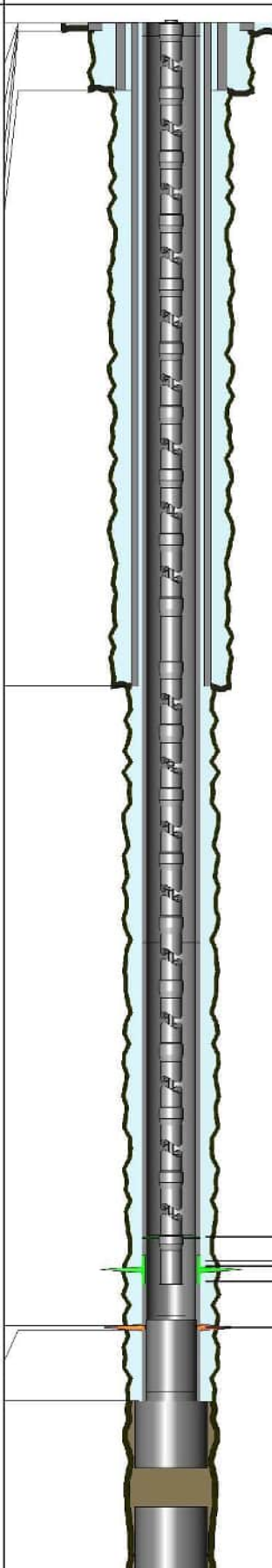
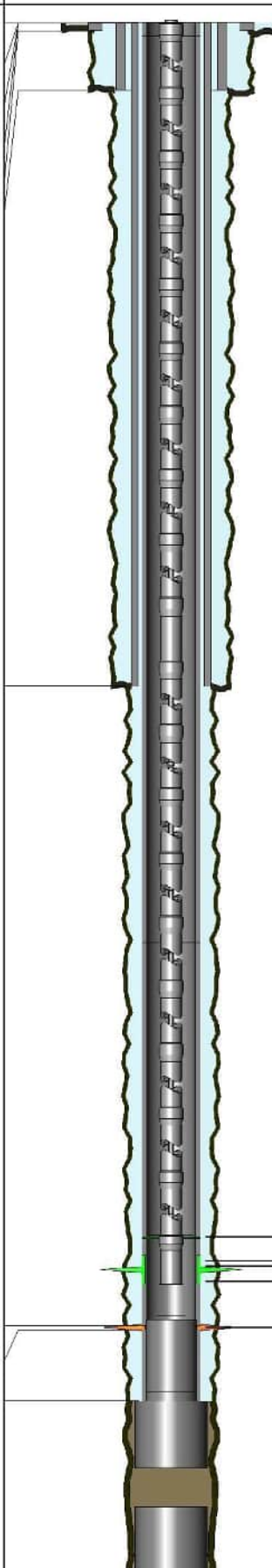
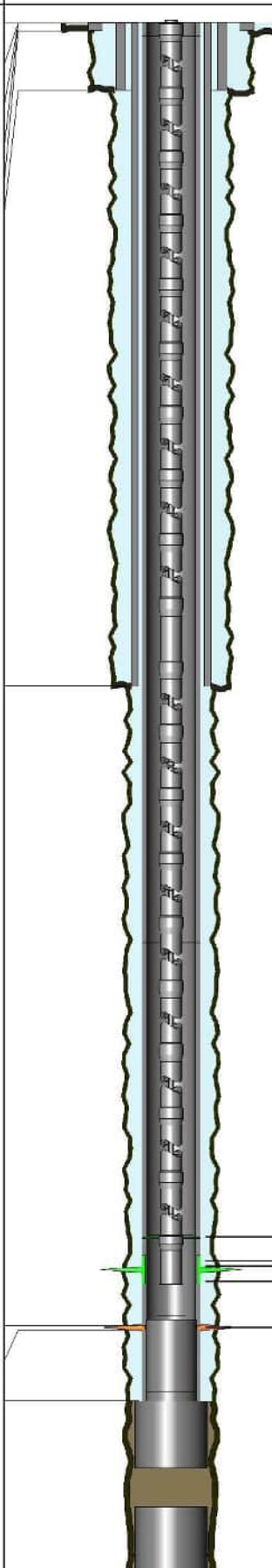
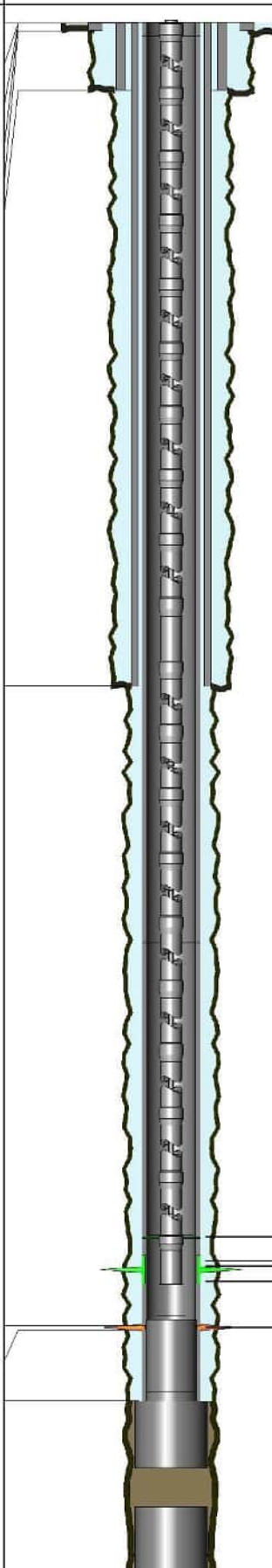
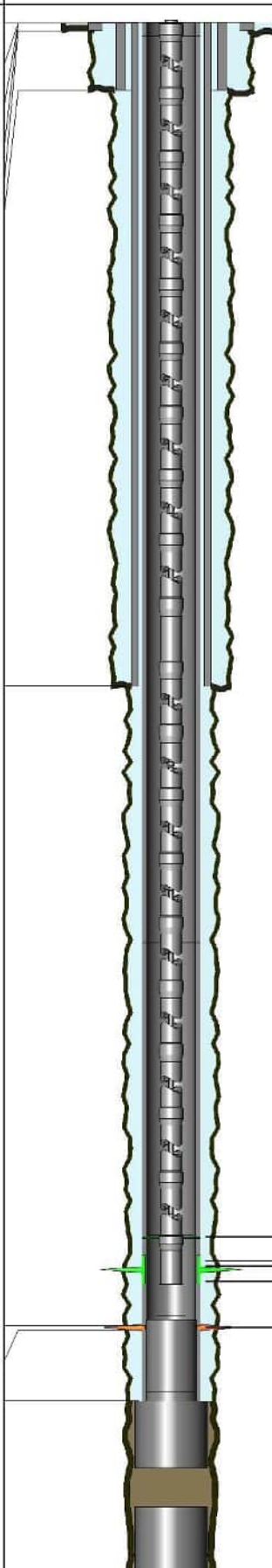
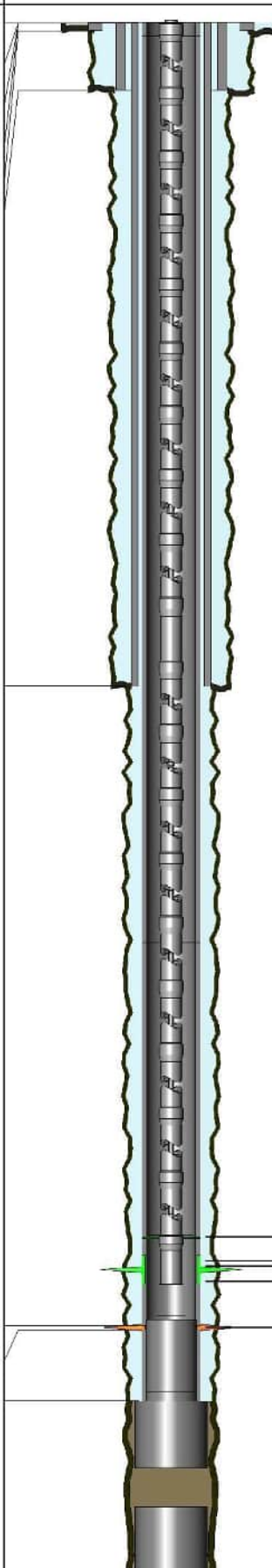
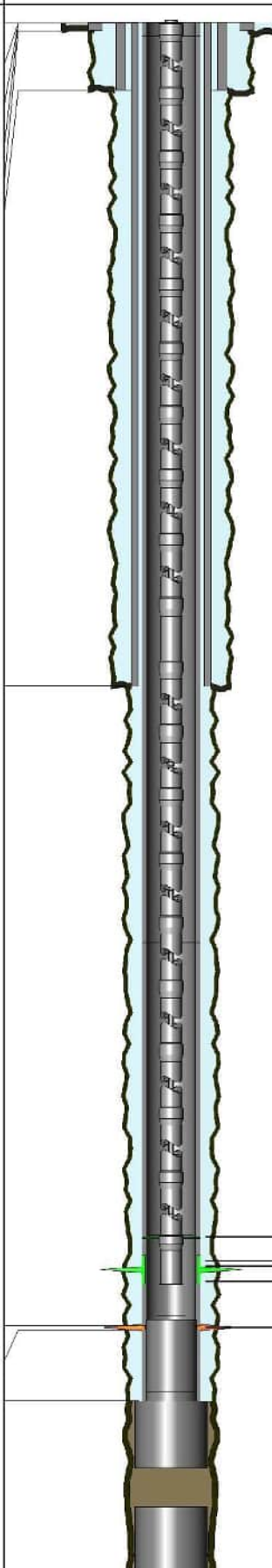
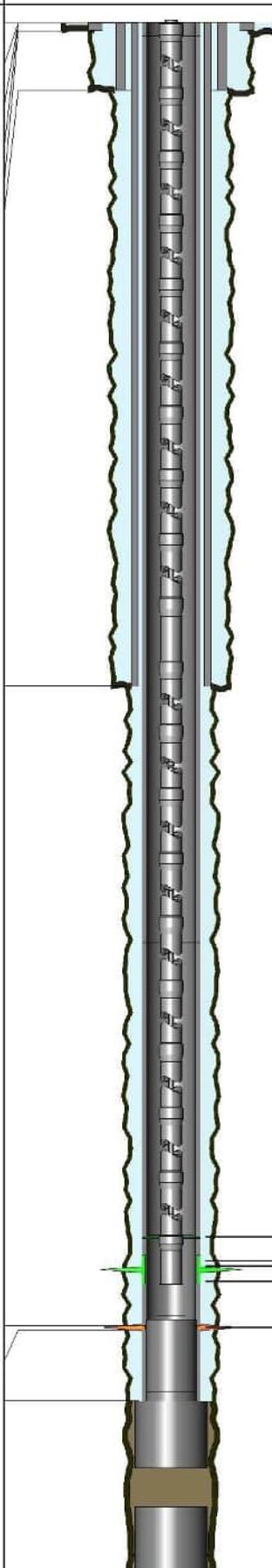
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 11/2/2016

342-2B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,161.00ft (WELACO WLU)(default)
 KB: 12.0ft
 API-10: 0402954278

Wellbore: ORIGINAL HOLE
 PBMD: 6,634.0ft
 Btm TMD: 8,000.0ft
 Spud Date/Time: 12/3/1976
 BH Coord X: 6,120,935.45usft
 BH Coord Y: 2,286,173.63usft

Cement Depths - MD, TVD (ft)	Schematic (11/2/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)														
12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 53.0ft, 53.0ft 356.0ft, 356.0ft			24" Hole	12.0	53.0	12.0	53.0														
			17.5" Hole	53.0	358.0	53.0	358.0														
			12.25" Hole	358.0	3,400.0	358.0	3,399.9														
			8.75" Hole	3,400.0	8,000.0	3,399.9	7,990.3														
			CONDUCTOR CASING Report Date: 10/15/1976 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			CASING JOINT(S)	20.000				12.0	53.0	12.0	53.0										
			SURFACE CASING Report Date: 12/4/1976 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			CASING JOINT(S)	13.375	K-55	54.50		12.0	356.0	12.0	356.0										
			INTERMEDIATE CASING Report Date: 12/9/1976 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			CASING JOINT(S)	9.625	K-55	40.00		12.0	3,400.0	12.0	3399.9										
			PRODUCTION CASING Report Date: 1/3/1977 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			CASING JOINT(S)	7.000	K-55	26.00		12.0	81.0	12.0	81.0										
			CASING JOINT(S)	7.000	K-55	23.00		81.0	4,709.0	81.0	4708.7										
			CASING JOINT(S)	7.000	K-55	23.00		4,709.0	5,341.0	4708.7	5340.2										
			CASING JOINT(S)	7.000	K-55	26.00		5,341.0	7,050.0	5340.2	7046.3										
3400.0ft, 3399.9ft			TUBING STRING																		
			Component	Top MD	Btm MD	Top TVD	BTM TVD														
			TH-DBB	12.0	12.7	12.0	12.7														
			FATNIP	12.7	13.4	12.7	13.4														
			TH-GJNT	13.4	6,199.2	13.4	6197.5														
			AC	6,199.2	6,201.6	6197.5	6199.9														
			TH-GJNT	6,201.6	6,449.7	6199.9	6447.3														
			STNIP	6,449.7	6,450.8	6447.3	6448.4														
			PUPJNT	6,450.8	6,454.9	6448.4	6452.5														
			STCOLL	6,454.9	6,455.4	6452.5	6452.9														
			MECHANICAL ITEM																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			FISH	6,611.0	6,614.0	6608.2	6611.2														
			PLUG BACK																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			CEMENT	6,634.0	7,000.0	6631.2	6996.5														
			PLUG BACK																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			CEMENT	7,000.0	7,050.0	6996.5	7046.3														
			CEMENT	7,050.0	7,100.0	7046.3	7096.1														
			PLUG BACK																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			CEMENT	7,100.0	7,392.0	7096.1	7396.6														
			PLUG BACK																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			CEMENT	7,591.0	8,000.0	7584.3	7990.3														
			ROD STRING																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			POLROD	0.0	36.0	0.0	36.0														
			PNYROD	36.0	52.0	36.0	52.0														
			R-4PER	52.0	2,122.0	52.0	2122.0														
			ROD	2,122.0	4,342.0	2122.0	4341.8														
			R-4PER	4,342.0	6,412.0	4341.8	6409.7														
			STB3P	6,412.0	6,416.0	6409.7	6413.7														
			NSPMP	6,416.0	6,446.0	6413.7	6443.6														
			Formation Name MD(ft) TVD(ft)																		
			AMNICOLA	562.3	562.3																
			LOWER_TULARE	607.1	607.1																
			SANJOAQUIN	1,121.8	1,121.8																
			Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)																		
6683.0ft, 6680.1ft (TOC) 6685.0ft, 6682.1ft 7050.0ft, 7046.3ft			Casing Cement Detail																		
			Well: 342-2B S/T/R: 2/31S/23E																		
			Casing Cement Detail																		
			Cond. Csg. Cmt Vol: 62 cf Hole Size: 24" Casing Size: 20" Top Job: No Rtns to Sfc: Yes (Unknown) TTOC: 12'																		
			Surface Csg. Cmt Vol: 322 cf Class 'G' Lead Cement: 172 cf Yield: 1.15, Density: 0.00 ppg. Class 'G' Tail Cement: 150 cf Yield: 1.15 Density: 0.00 ppg. Hole Size: 17.5" Casing Size: 13.375" Top Job: No Rtns to Sfc: Yes (4 Bbls) TTOC: 12'																		
			Inter Csg. Cmt Vol: 1704 cf Class 'G' Lead Cement: 1474 cf Yield: 1.15, Density: 0.00 ppg. Class 'G' Tail Cement: 230 cf Yield: 1.15, Density: 0.00 ppg. Hole Size: 12.25" Casing Size: 9.625" Top Job: No Rtns to Sfc: Yes (50 Bbls) TTOC: 12'																		
			Prod Csg. Cmt Vol: 2150 cf Class 'G' Lead Cement: 1950 cf Yield: 1.15, Density: 0.00 ppg. Class 'G' Tail Cement: 200 cf Yield: 1.15, Density: 0.00 ppg. Hole Size: 8.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (18 Bbls) TTOC: 12'																		
			Cavity Shot: None Junk: FISH @ 6611' - 6614'																		
			R. Aguilar Date: 11/2022																		

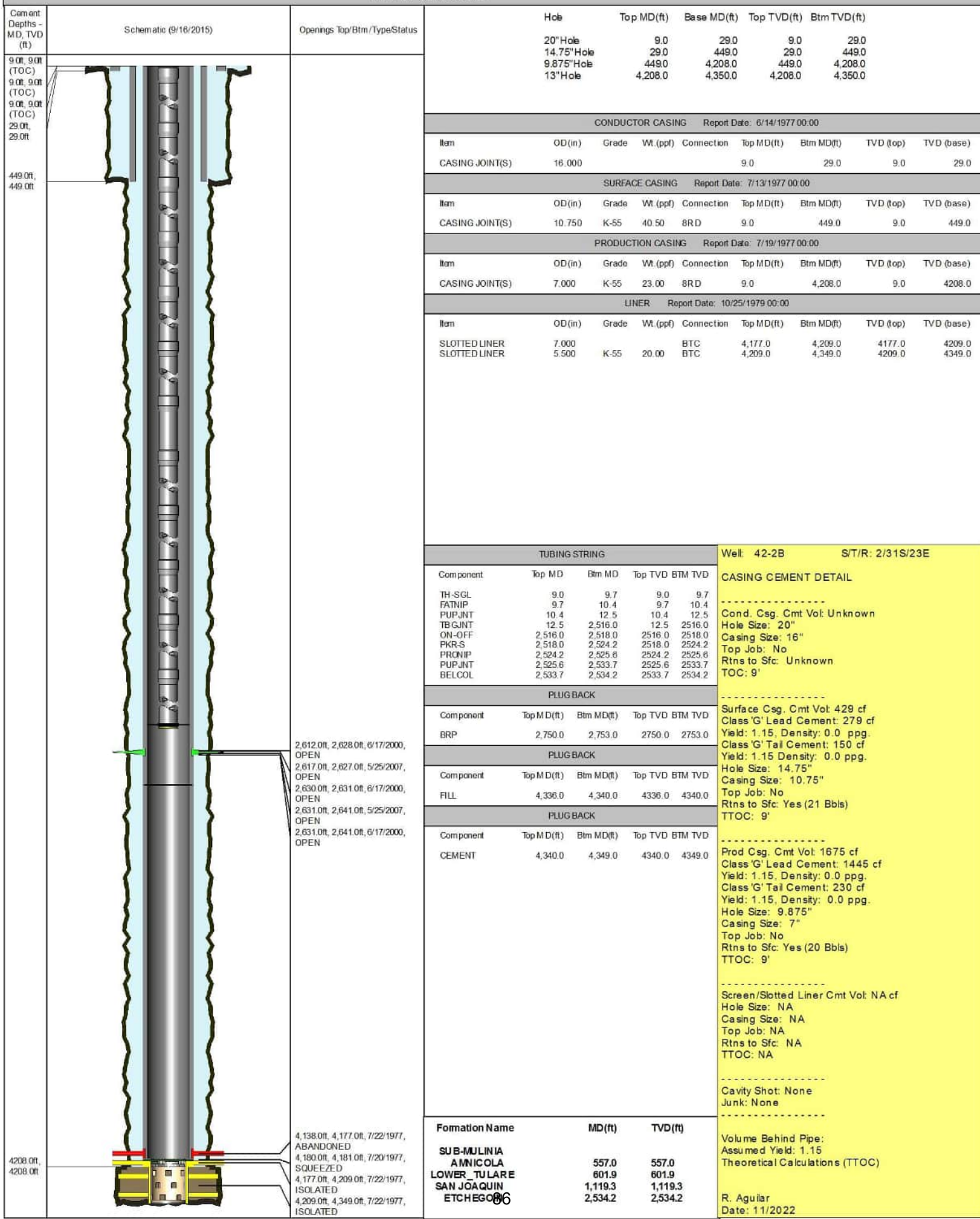
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 9/16/2015

42-2B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,158.00ft (default)
 KB: 9.0ft
 API-10: 0402955674

Wellbore: ORIGINAL HOLE
 PBMD: 2,750.0ft
 Btm TMD: 4,350.0ft
 Spud Date/Time: 7/12/1977
 BH Coord X: 6,121,009.76usft
 BH Coord Y: 2,286,026.93usft



2,612.0ft, 2,628.0ft, 6/17/2000, OPEN
 2,617.0ft, 2,627.0ft, 5/25/2007, OPEN
 2,630.0ft, 2,631.0ft, 6/17/2000, OPEN
 2,631.0ft, 2,641.0ft, 5/25/2007, OPEN
 2,631.0ft, 2,641.0ft, 6/17/2000, OPEN

4,138.0ft, 4,177.0ft, 7/22/1977, ABANDONED
 4,180.0ft, 4,181.0ft, 7/20/1977, SQUEEZED
 4,177.0ft, 4,209.0ft, 7/22/1977, ISOLATED
 4,209.0ft, 4,349.0ft, 7/22/1977, ISOLATED

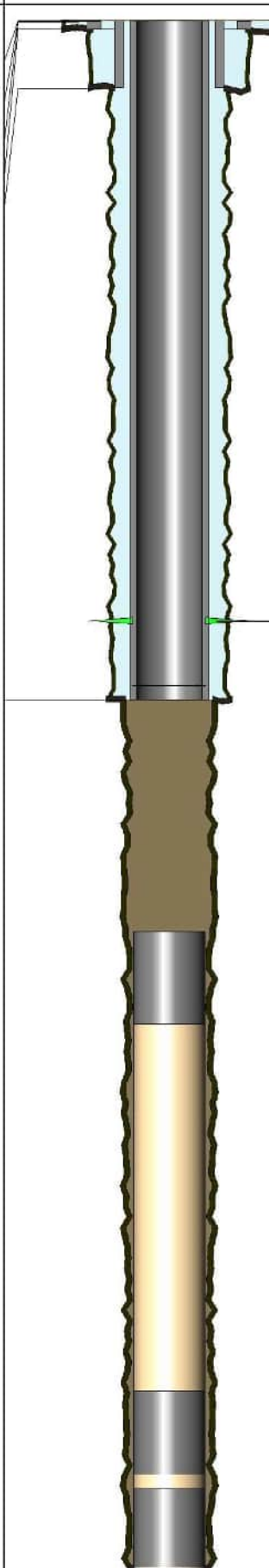
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 End date: 10/15/2005

3-22-2B

Ground Level: 1,142.0ft
 Datum: Original DF @ 1,157.00ft (KEY 0446)(default)
 KB: 15.0ft
 API-10: 0402956062

Wellbore: ORIGINAL HOLE
 PBMD: 3,384.0ft
 Btm TMD: 6,819.0ft
 Spud Date/Time: 9/26/1977
 BH Coord X: 6,119,822.86usft
 BH Coord Y: 2,286,359.13usft

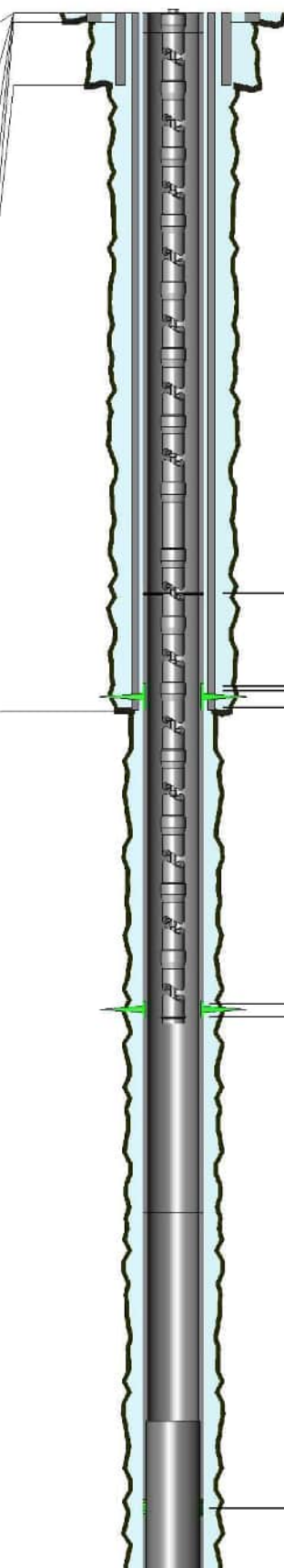
Cement Depths - MD, TVD (ft)	Schematic (10/15/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	BtmTVD(ft)	
18.0ft, 19.5ft (TOC) 19.0ft, 20.5ft (TOC) 22.0ft, 23.5ft (TOC) 56.0ft, 57.5ft 315.0ft, 316.3ft			24"Hole	15.0	56.0			
			17.5"Hole	56.0	315.0			
			12.25"Hole	315.0	3,000.0			
			8.75"Hole	3,000.0	6,819.0		6,790.9	
CONDUCTOR CASING Report Date: 8/2/1977 00:00								
Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	20.000	H-40	94.00	STC	22.0	56.0	23.5	57.5
SURFACE CASING Report Date: 9/27/1977 00:00								
Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	13.375	K-55	54.50	STC	19.0	315.0	20.5	316.3
PRODUCTION CASING Report Date: 10/1/1977 00:00								
Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	9.625	K-55	40.50		18.0	3,000.0	19.5	2999.3
PLUG BACK								Well: 3-22-2B S/T/R: 2/31S/23E
Component	Top MD	Btm MD	Top TVD	BTM TVD	Casing Cement Detail			
CEMENT	2,937.0	2,940.0	2936.4	2939.4	-----			
BP-PRM	2,940.0	2,943.0	2939.4	2942.4	Cond. Csg. Cmt Vol: Unknown			
PLUG BACK								Hole Size: 24"
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 20"			
CEMENT	4,020.0	4,425.0	4006.8	4406.2	Top Job: No			
PLUG BACK								Rtns to Sfc: Unknown
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TOC: 15'			
MUD	4,425.0	6,040.0	4406.2	6012.1	-----			
PLUG BACK								Surface Csg. Cmt Vol: 333 cf
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Lead Cement: 183 cf			
CEMENT	6,040.0	6,405.0	6012.1	6376.9	Yield: 1.15, Density: 0.0 ppg.			
PLUG BACK								Class 'G' Tail Cement: 150 cf
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 0.0 ppg.			
MUD	6,405.0	6,468.0	6376.9	6439.8	Hole Size: 17.5"			
PLUG BACK								Casing Size: 13.375"
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
MUD	6,405.0	6,468.0	6376.9	6439.8	Rtns to Sfc: Yes (2 Bbls)			
PLUG BACK								TTOC: 15'
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----			
MUD	6,405.0	6,468.0	6376.9	6439.8	Prod Csg. Cmt Vol: 1520 cf			
PLUG BACK								Class 'G' Lead Cement: 1290 cf
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 0.0 ppg.			
CEMENT	6,468.0	6,810.0	6439.8	6781.8	Class 'G' Tail Cement: 230 cf			
PLUG BACK								Yield: 1.15, Density: 0.0 ppg.
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 12.25"			
MUD	6,810.0	6,819.0	6781.8	6790.8	Casing Size: 9.625"			
PLUG BACK								Top Job: No
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: Yes (49 Bbls)			
MUD	6,810.0	6,819.0	6781.8	6790.8	TTOC: 15'			
PLUG BACK								-----
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Screen/Slotted Liner Cmt Vol: NA			
MUD	6,810.0	6,819.0	6781.8	6790.8	Hole Size: NA			
PLUG BACK								Casing Size: NA
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: NA			
MUD	6,810.0	6,819.0	6781.8	6790.8	Rtns to Sfc: NA			
PLUG BACK								TTOC: NA
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----			
MUD	6,810.0	6,819.0	6781.8	6790.8	Cavity Shot: None			
PLUG BACK								Junk: None
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----			
MUD	6,810.0	6,819.0	6781.8	6790.8	Volume Behind Pipe:			
PLUG BACK								Assumed Yield: 1.15
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Theoretical Calculations (TTOC)			
MUD	6,810.0	6,819.0	6781.8	6790.8	-----			
PLUG BACK								R. Aguilar
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Date: 11/2022			
MUD	6,810.0	6,819.0	6781.8	6790.8	-----			
PLUG BACK								P&A Mud & Cement Details
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----			
MUD	6,810.0	6,819.0	6781.8	6790.8	Mud Volume: NA			
PLUG BACK								Mud Weight: NA
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top of Mud: NA			
MUD	6,810.0	6,819.0	6781.8	6790.8	-----			
PLUG BACK								Cement: 225 cf @ 6468' - 6810'
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	165 cf @ 6040' - 6405'			
MUD	6,810.0	6,819.0	6781.8	6790.8	165 cf @ 4020' - 4425'			
PLUG BACK								-----
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	KOP: @ 3381'			
MUD	6,810.0	6,819.0	6781.8	6790.8	-----			
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6,819.0	6781.8	6790.8				
PLUG BACK								
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
MUD	6,810.0	6						

Field Name: ELK HILLS
Site Name: 02B
Well Status: ACTIVE
Status date: 11/5/2018

Ground Level: 1,193.0ft
Datum: Original DF @ 1,209.00ft (default)
KB: 16.0ft
API-10: 0402956658

Wellbore: ORIGINAL HOLE
PBMD: 6,050.0ft
Btm TMD: 7,000.0ft
Spud Date/Time: 12/2/1977
BH Coord X: 6,121,537.57usft
BH Coord Y: 2,286,584.42usft

16.0ft,
16.0ft
(TOC)
16.0ft,
16.0ft
(TOC)
16.0ft,
16.0ft
(TOC)
16.0ft,
16.0ft
(TOC)
55.0ft,
55.0ft
327.0ft,
327.0ft



2,500.0ft, 2,501.0ft, 9/10/2004, SQUEEZED

2,891.0ft, 2,909.0ft, 9/16/2004, OPEN

2,909.0ft, 2,931.0ft, 9/16/2004, OPEN

2,982.0ft, 3,002.0ft, 9/16/2004, OPEN

4,252.0ft, 4,273.0ft, 4/6/2001, OPEN

4,304.0ft, 4,320.0ft, 4/6/2001, OPEN

6,386.0ft, 6,460.0ft, 4/5/1978, ABANDONED

6,855.0ft, 6,885.0ft, 12/19/1977, ABANDONED

6,855.0ft,
6,851.7ft
(TOC)
6,885.0ft,
6,881.5ft
7,000.0ft,
6,995.6ft

Hole

Top MD(ft)

Base MD(ft)

Top TVD(ft)

Btm TVD(ft)

24"Hole

16.0

55.0

16.0

55.0

17.5"Hole

55.0

330.0

55.0

330.0

12.25"Hole

330.0

3,007.0

330.0

3,007.0

8.75"Hole

3,007.0

7,000.0

3,007.0

6,995.7

CONDUCTOR CASING

Report Date: 11/9/1977 00:00

Item

OD(in)

Grade

Wt. (ppf)

Connection

Top MD(ft)

Btm MD(ft)

TVD (top)

TVD (base)

CASING JOINT(S)

20.000

16.0

55.0

16.0

55.0

SURFACE CASING

Report Date: 12/2/1977 00:00

Item

OD(in)

Grade

Wt. (ppf)

Connection

Top MD(ft)

Btm MD(ft)

TVD (top)

TVD (base)

CASING JOINT(S)

13.375

H-40

48.00

8RD

16.0

327.0

16.0

327.0

INTERMEDIATE CASING

Report Date: 12/6/1977 00:00

Item

OD(in)

Grade

Wt. (ppf)

Connection

Top MD(ft)

Btm MD(ft)

TVD (top)

TVD (base)

CASING JOINT(S)

9.625

N-80

40.00

8RD

16.0

3,005.0

16.0

3005.0

PRODUCTION CASING

Report Date: 12/18/1977 00:00

Item

OD(in)

Grade

Wt. (ppf)

Connection

Top MD(ft)

Btm MD(ft)

TVD (top)

TVD (base)

CASING JOINT(S)

7.000

26.00

8RD

16.0

101.0

16.0

101.0

CASING JOINT(S)

7.000

23.00

BTC

101.0

5,158.0

101.0

5157.8

CASING JOINT(S)

7.000

26.00

8RD

5,158.0

7,000.0

5157.8

6995.6

TUBING STRING

Well: 3-51-2B

S/T/R: 2/31S/23E

Component

Top MD

Btm MD

Top TVD

BTM TVD

TH-DBB

16.0

16.7

16.0

16.7

FATNIP

16.7

17.3

16.7

17.3

TBJUNT

17.3

4,315.1

17.3

4,315.1

STNIP

4,315.1

4,316.2

4,315.1

4,316.2

TBJUNT

4,316.2

4,348.2

4,316.2

4,348.1

PLUGBACK

Component

Top MD(ft)

Btm MD(ft)

Top TVD

BTM TVD

CEMENT

6,050.0

6,794.0

6,049.4

6,791.0

ROD STRING

Component

Top MD(ft)

Btm MD(ft)

Top TVD

BTM TVD

POLROD

0.0

30.0

0.0

30.0

PNYROD

30.0

54.0

30.0

54.0

R-4PER

54.0

4,314.0

54.0

4,313.9

STB3P

4,314.0

4,318.0

4,313.9

4,317.9

NSMP

4,318.0

4,334.0

4,317.9

4,333.9

Formation Name

MD(ft)

TVD(ft)

WILHELM

2,853.0

2,853.0

W1A

2,891.0

2,891.0

W2

2,982.0

2,982.0

2B SAND

6,368.0

6,366.9

88

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: 126 cf

Hole Size: 24"

Casing Size: 20"

Top Job: No

Rtns to Sfc: Unknown

TOC: 16'

Surface Csg. Cmt Vol: 388 cf

Class 'G' Lead Cement: 238 cf

Yield: 1.15, Density: 0.0 ppg.

Class 'G' Tail Cement: 150 cf

Yield: 1.15 Density: 0.0 ppg.

Hole Size: 17.5"

Casing Size: 13.375"

Top Job: No

Rtns to Sfc: Yes (9 Bbls)

TTOC: 16'

Int Csg. Cmt Vol: 1505 cf

Class 'G' Lead Cement: 1305 cf

Yield: 1.15, Density: 0.0 ppg.

Class 'G' Tail Cement: 200 cf

Yield: 1.15, Density: 0.0 ppg.

Hole Size: 12.25"

Casing Size: 9.625"

Top Job: No

Rtns to Sfc: Yes (18 Bbls)

TTOC: 16'

Prod Csg. Cmt Vol: 1450 cf

Class 'G' Lead Cement: 1250 cf

Yield: 1.15, Density: 0.0 ppg.

Class 'G' Tail Cement: 200 cf

Yield: 1.15, Density: 0.0 ppg.

Hole Size: 8.75"

Casing Size: 7"

Top Job: No

Rtns to Sfc: No

TTOC: 16'

Screen/Slotted Liner Cmt Vol: NA cf

Hole Size: NA

Casing Size: NA

Top Job: NA

Rtns to Sfc: NA

TTOC: NA

Cavity Shot: None

Junk: None

Volume Behind Pipe:

Assumed Yield: 1.15

Theoretical Calculations (TTOC)

R. Aguilar

Date: 11/2022

Attachment A

Exhibit A-10 – Well Construction Details for Wells Located Within and Adjacent to ¼-Mile Radius Area of Review

WELL CONSTRUCTION DETAILS FOR WELLS LOCATED IN SECTION 1B

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 7/15/1950

1-1B

Ground Level: 1,172.1ft
 Datum: Original KB @ 1,177.10ft (default)
 KB: 5.0ft
 API-10: 0402927876

Wellbore: ORIGINAL HOLE
 PBMD: 5.0ft
 Btm TMD: 2,730.0ft
 Spud Date/Time: 8/21/1923
 BH Coord X: 6,129,427.24usft
 BH Coord Y: 2,286,514.43usft

Cement Depths - MD, TVD (ft)	Schematic (7/15/1950)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)	
			20" HOLE	5.0	1,190.0	5.0	1,190.0	
			15" HOLE	1,190.0	2,449.0	1,190.0	2,449.0	
			10" HOLE	2,449.0	2,730.0	2,449.0	2,730.0	
SURFACE CASING Report Date: 9/2/1923 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	15.500		70.00	10 RD	5.0	1,190.0	5.0	1190.0
INTERMEDIATE CASING Report Date: 10/28/1923 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	10.000		45.00	10 RD	1,145.0	2,449.0	1145.0	2449.0
PRODUCTION CASING Report Date: 11/23/1923 00:00								
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	8.250		32.00	10 RD	2,352.0	2,469.0	2352.0	2469.0
SLOTTED CASING	8.250		36.00	10 RD	2,469.0	2,730.0	2469.0	2730.0
PLUG BACK				Well: 1-1B S/T/R: 1/31S/23E				
Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
CEMENT	5.0	57.0	5.0	57.0	-----			
PLUG BACK				Cond. Csg. Cmt Vol: NA				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: NA			
CEMENT	953.0	1,026.0	953.0	1026.0	Casing Size: NA			
PLUG BACK				Top Job: NA				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: NA			
CEMENT	2,306.0	2,352.0	2306.0	2352.0	TOC: NA			
CEMENT	2,352.0	2,469.0	2352.0	2469.0	-----			
CEMENT	2,469.0	2,470.0	2469.0	2470.0	Surface Csg. Cmt Vol: 230 cf			
PLUG BACK				Class 'C' Lead Cement: 0 cf				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 12 ppg.			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Class " Tail Cement: 0 cf			
PLUG BACK				Yield: 0.0, Density: 0 ppg.				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 20"			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Casing Size: 15.5"			
PLUG BACK				Top Job: No				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: No			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	TTOC: 926'			
PLUG BACK				-----				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Int Csg. Cmt Vol: 230 cf			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Class 'G' Lead Cement: 0 cf			
PLUG BACK				Yield: 1.15, Density: 12 ppg.				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class " Tail Cement: 0 cf			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Yield: 0.0, Density: 0 ppg.			
PLUG BACK				Hole Size: 15"				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 10"			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Top Job: No			
PLUG BACK				Rtns to Sfc: No				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: 2112'			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	-----			
PLUG BACK				Screen/Slotted Liner Cmt Vol: NA				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: NA			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Casing Size: NA			
PLUG BACK				Top Job: NA				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: NA			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	TTOC: NA			
PLUG BACK				-----				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Cavity Shot: None			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Junk: None			
PLUG BACK				-----				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Volume Behind Pipe:			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Assumed Yield: 1.15			
PLUG BACK				Theoretical Calculations (TTOC)				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	R. Aguilar			
PLUG BACK				Date: 11/2022				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	P&A Mud & Cement Details			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	-----			
PLUG BACK				Mud Volume: NA				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Mud Weight: NA			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Top of Mud: NA			
PLUG BACK				-----				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Cement: 75 cf @ 2502'			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	270 cf @ 2306'			
PLUG BACK				230 cf @ 953'				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----			
CEMENT	2,502.0	2,728.0	2502.0	2728.0	Top of Cement: 58 cf @ 0' - 57'			
PLUG BACK				-----				

926.0ft, 926.0ft (TOC)

1190.0ft, 1190.0ft

2112.0ft, 2112.0ft (TOC)

2449.0ft, 2449.0ft

2469.0ft, 2730.0ft, SLOTTED, 11/23/1923 00:00, ABANDONED,

45

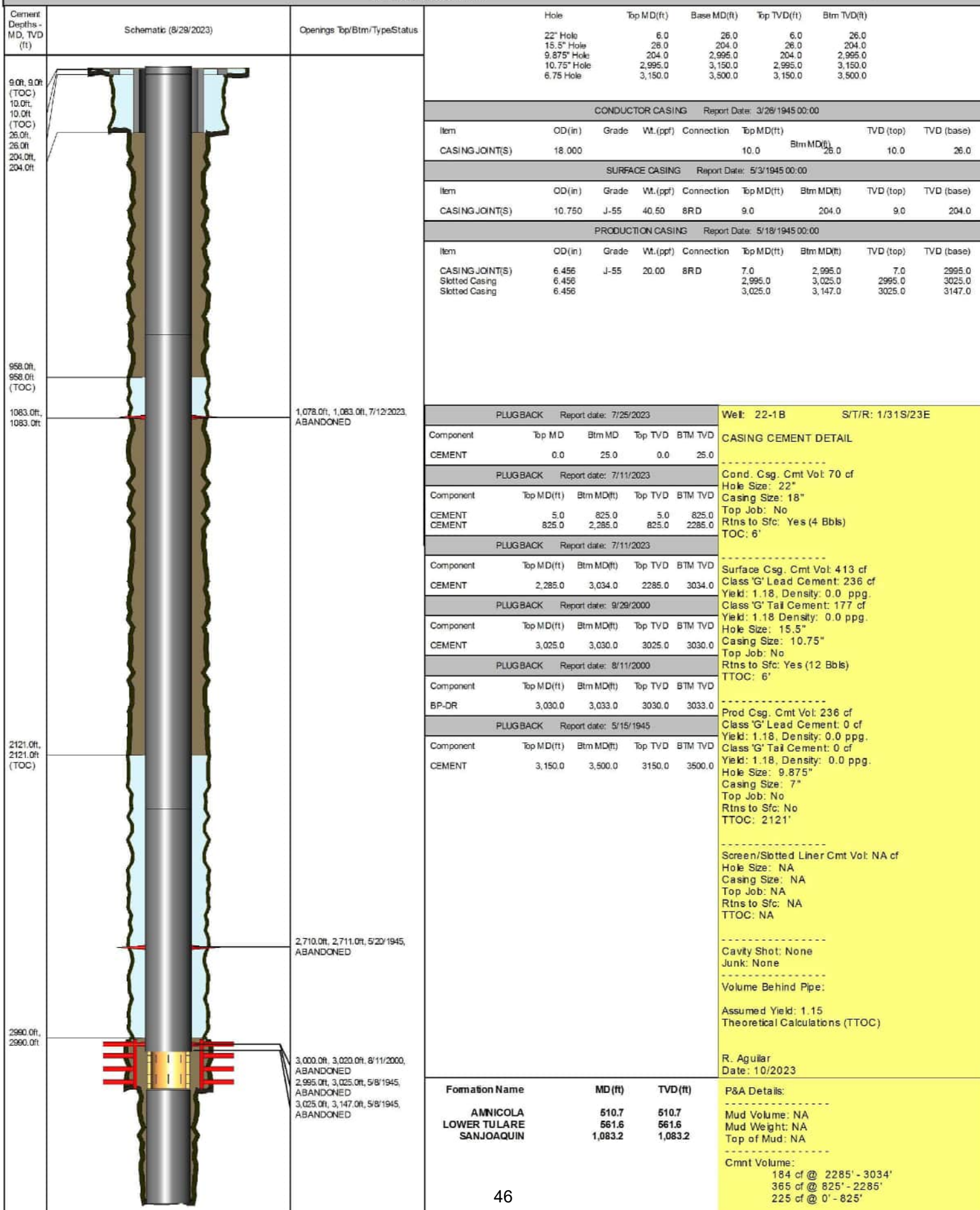
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 8/29/2023

22-1B

Ground Level: 1,115.0ft
 Datum: Original DF @ 1,121.00ft (default)
 KB: 6.0ft
 API-10: 0402927878

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 3,500.0ft
 Spud Date/Time: 5/3/1945
 BH Coord X: 6,125,054.25usft
 BH Coord Y: 2,285,905.93usft



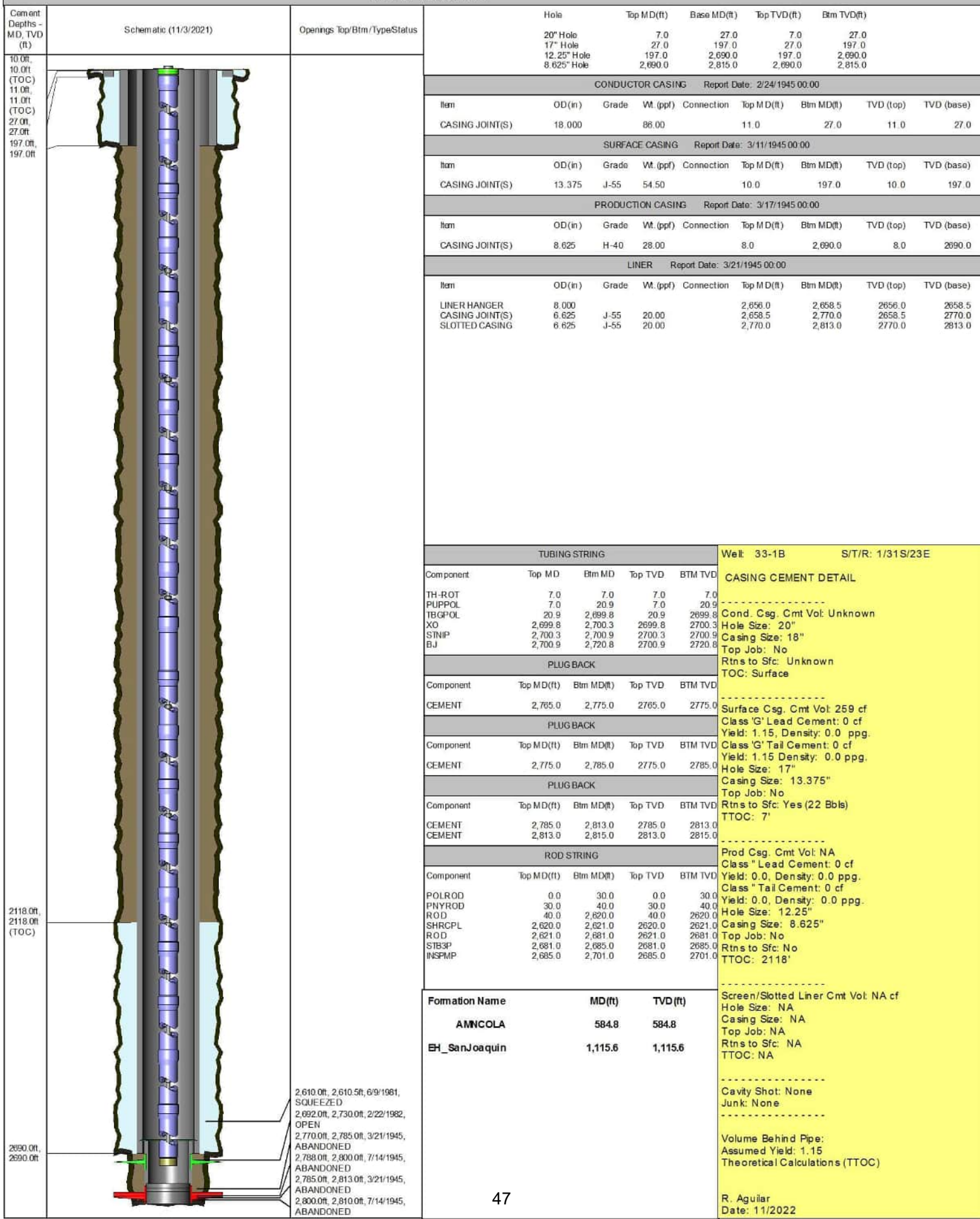
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/3/2021

33-1B

Ground Level: 1,102.0ft
 Datum: Original KB @ 1,109.00ft (default)
 KB: 7.0ft
 API-10: 0402927879

Wellbore: ORIGINAL HOLE
 PBMD: 2,784.0ft
 Btm TMD: 2,815.0ft
 Spud Date/Time: 3/11/1945
 BH Coord X: 6,125,784.25usft
 BH Coord Y: 2,285,220.93usft



Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
20" Hole	7.0	27.0	7.0	27.0
17" Hole	27.0	197.0	27.0	197.0
12.25" Hole	197.0	2,690.0	197.0	2,690.0
8.625" Hole	2,690.0	2,815.0	2,690.0	2,815.0

CONDUCTOR CASING Report Date: 2/24/1945 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	18.000		86.00		11.0	27.0	11.0	27.0

SURFACE CASING Report Date: 3/11/1945 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	13.375	J-55	54.50		10.0	197.0	10.0	197.0

PRODUCTION CASING Report Date: 3/17/1945 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	8.625	H-40	28.00		8.0	2,690.0	8.0	2690.0

LINER Report Date: 3/21/1945 00:00

Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
LINER HANGER	8.000				2,656.0	2,658.5	2656.0	2658.5
CASING JOINT(S)	6.625	J-55	20.00		2,658.5	2,770.0	2658.5	2770.0
SLOTTED CASING	6.625	J-55	20.00		2,770.0	2,813.0	2770.0	2813.0

TUBING STRING

Component	Top MD	Btm MD	Top TVD	BTM TVD
TH-ROT	7.0	7.0	7.0	7.0
PUPPOL	7.0	20.9	7.0	20.9
TBGPOL	20.9	2,699.8	20.9	2699.8
XO	2,699.8	2,700.3	2699.8	2700.3
STNIP	2,700.3	2,700.9	2700.3	2700.9
BJ	2,700.9	2,720.8	2700.9	2720.8

PLUG BACK

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
CEMENT	2,765.0	2,775.0	2765.0	2775.0

PLUG BACK

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
CEMENT	2,775.0	2,785.0	2775.0	2785.0

PLUG BACK

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
CEMENT	2,785.0	2,813.0	2785.0	2813.0
CEMENT	2,813.0	2,815.0	2813.0	2815.0

ROD STRING

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
POLROD	0.0	30.0	0.0	30.0
PNYROD	30.0	40.0	30.0	40.0
ROD	40.0	2,620.0	40.0	2620.0
SHRCPL	2,620.0	2,621.0	2620.0	2621.0
ROD	2,621.0	2,681.0	2621.0	2681.0
STB3P	2,681.0	2,685.0	2681.0	2685.0
INSPMP	2,685.0	2,701.0	2685.0	2701.0

Formation Name	MD(ft)	TVD(ft)
AMNOLA	584.8	584.8
BH_SanJoaquin	1,115.6	1,115.6

Well: 33-1B S/T/R: 1/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: Unknown
 Hole Size: 20"
 Casing Size: 18"
 Top Job: No
 Rtns to Sfc: Unknown
 TOC: Surface

Surface Csg. Cmt Vol: 259 cf
 Class 'G' Lead Cement: 0 cf
 Yield: 1.15, Density: 0.0 ppg.
 Class 'G' Tail Cement: 0 cf
 Yield: 1.15 Density: 0.0 ppg.
 Hole Size: 17"
 Casing Size: 13.375"
 Top Job: No
 Rtns to Sfc: Yes (22 Bbls)
 TTOC: 7'

Prod Csg. Cmt Vol: NA
 Class " Lead Cement: 0 cf
 Yield: 0.0, Density: 0.0 ppg.
 Class " Tail Cement: 0 cf
 Yield: 0.0, Density: 0.0 ppg.
 Hole Size: 12.25"
 Casing Size: 8.625"
 Top Job: No
 Rtns to Sfc: No
 TTOC: 2118'

Screen/Slotted Liner Cmt Vol: NA cf
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TTOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:
 Assumed Yield: 1.15
 Theoretical Calculations (TTOC)

R. Aguilar
 Date: 11/2022

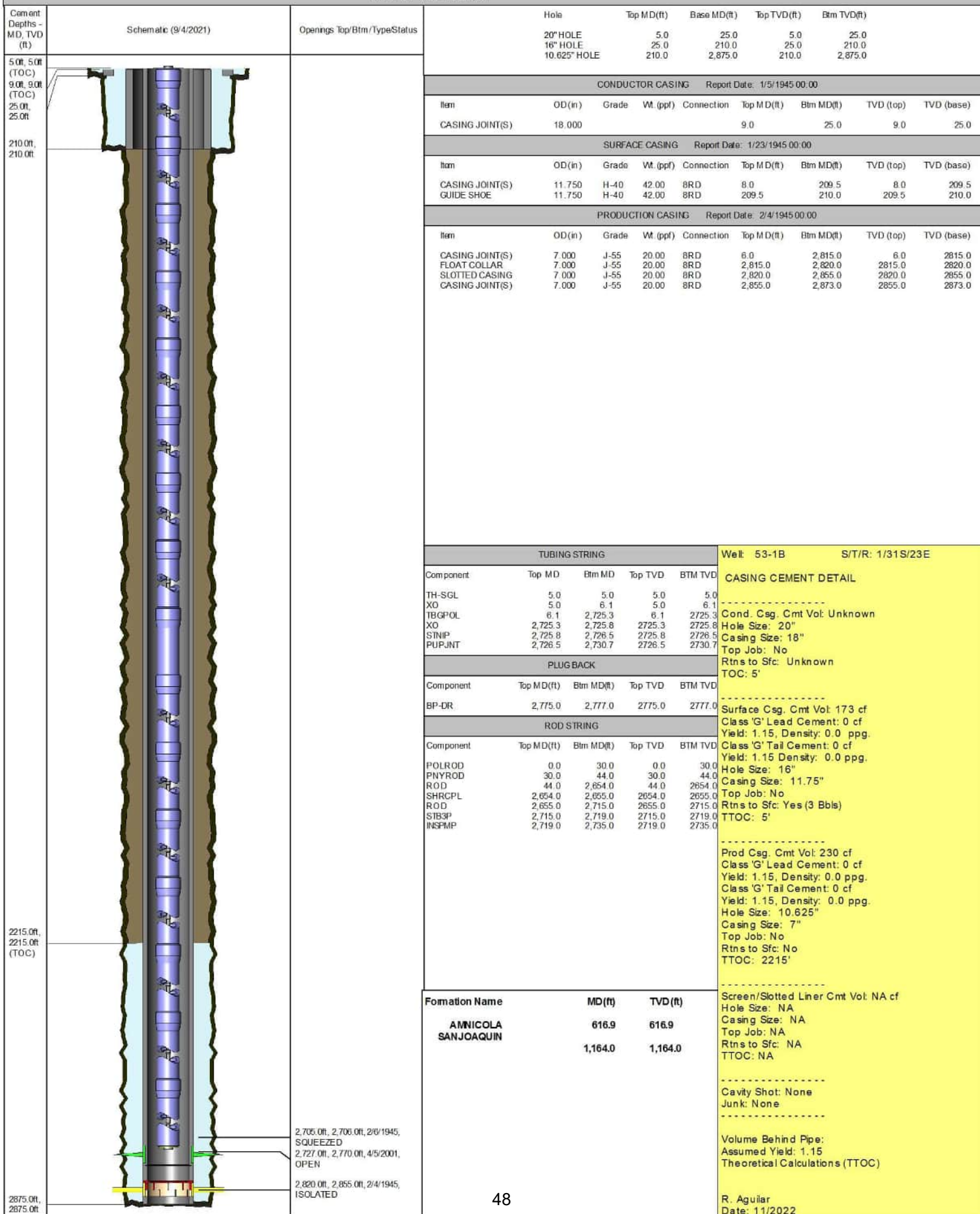
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/4/2021

53-1B

Ground Level: 1,178.0ft
 Datum: Original KB @ 1,183.00ft (default)
 KB: 5.0ft
 API-10: 0402927881

Wellbore: ORIGINAL HOLE
 PBMD: 2,775.0ft
 Btm TMD: 2,875.0ft
 Spud Date/Time: 1/22/1945
 BH Coord X: 6,127,053.75usft
 BH Coord Y: 2,285,199.43usft



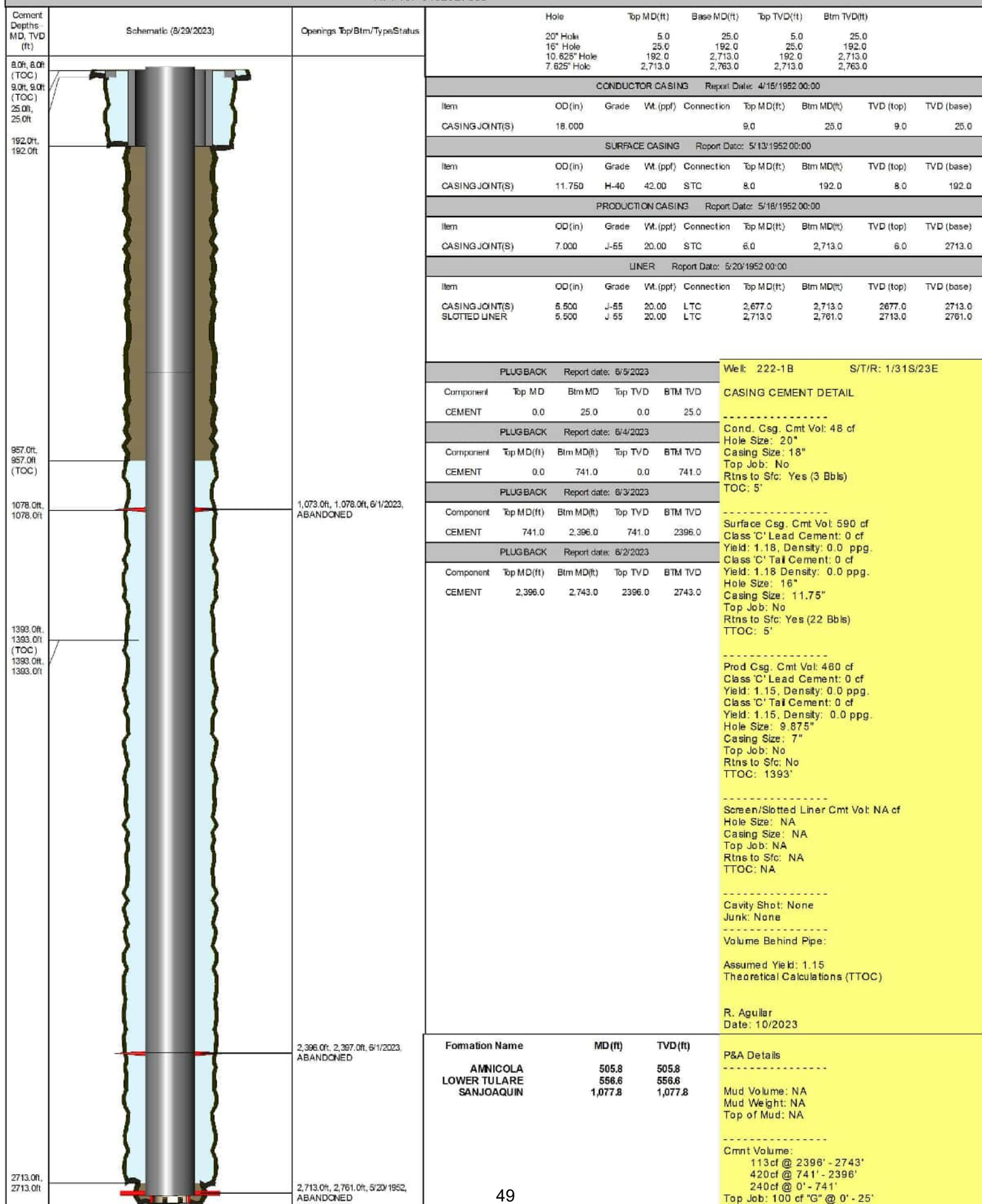
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 8/29/2023

222-1B

Ground Level: 1,116.0ft
 Datum: Original KB @ 1,121.00ft (default)
 KB: 5.0ft
 API-10: 0402927888

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 2,763.0ft
 Spud Date/Time: 5/12/1952
 BH Coord X: 6,125,116.25usft
 BH Coord Y: 2,285,960.93usft



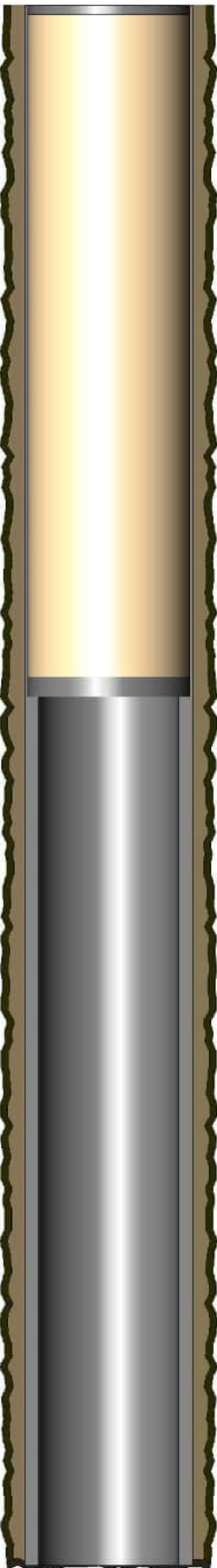
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 7/6/1934

1C-1B

Ground Level: 1,095.0ft
 Datum: Original KB @ 1,100.00ft (default)
 KB: 5.0ft
 API-10: 0402927889

Wellbore: ORIGINAL HOLE
 PBMD: 5.0ft
 Btm TMD: 2,763.0ft
 Spud Date/Time: 12/21/1921
 BH Coord X: 6,127,050.25usft
 BH Coord Y: 2,283,760.93usft

Cement Depths - MD, TVD (ft)	Schematic (7/6/1934)	Openings Top/Btm/Type/Status	<table><tr><td>Hole</td><td>Top MD(ft)</td><td>Base MD(ft)</td><td colspan="2">Top TVD(ft)</td><td colspan="2">Btm TVD(ft)</td></tr><tr><td>18" Hole</td><td>5.0</td><td>795.0</td><td>5.0</td><td colspan="2">795.0</td></tr></table>								Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)		Btm TVD(ft)		18" Hole	5.0	795.0	5.0	795.0																																																																																																																																																																																																																																																																																																																																																																																																						
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	<table><tr><th colspan="5">PLUG BACK</th><td colspan="3">Well: 1C-1B S/T/R: 1/31S/23E</td></tr><tr><th>Component</th><th>Top MD</th><th>Btm MD</th><th>Top TVD</th><th>BTM TVD</th><td colspan="4">CASING CEMENT DETAIL</td></tr><tr><td>CEMENT</td><td>5.0</td><td>10.0</td><td>5.0</td><td>10.0</td><td colspan="4">-----</td></tr><tr><td>MUD</td><td>10.0</td><td>345.0</td><td>10.0</td><td>345.0</td><td colspan="4">Cond. Csg. Cmt Vol: NA</td></tr><tr><td>CEMENT</td><td>345.0</td><td>355.0</td><td>345.0</td><td>355.0</td><td colspan="4">Hole Size: 18"</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Casing Size: 16"</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Top Job: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Rtns to Sfc: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">TTOC: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">-----</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Surface Csg. 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Csg. Cmt Vol: NA				CEMENT	345.0	355.0	345.0	355.0	Hole Size: 18"									Casing Size: 16"									Top Job: NA									Rtns to Sfc: NA									TTOC: NA									-----									Surface Csg. Cmt Vol: NA									Class " Lead Cement: NA cf									Yield: 0, Density: NA ppg.									Class " Tail Cement: NA cf									Yield: 0, Density: NA ppg.									Hole Size: NA									Casing Size: NA									Top Job: NA									Rtns to Sfc: NA									TTOC: NA									-----									Prod Csg. Cmt Vol: NA									Class " Lead Cement: NA									Yield: 0, Density: NA ppg.									Class " Tail Cement: NA									Yield: 0, Density: NA ppg.									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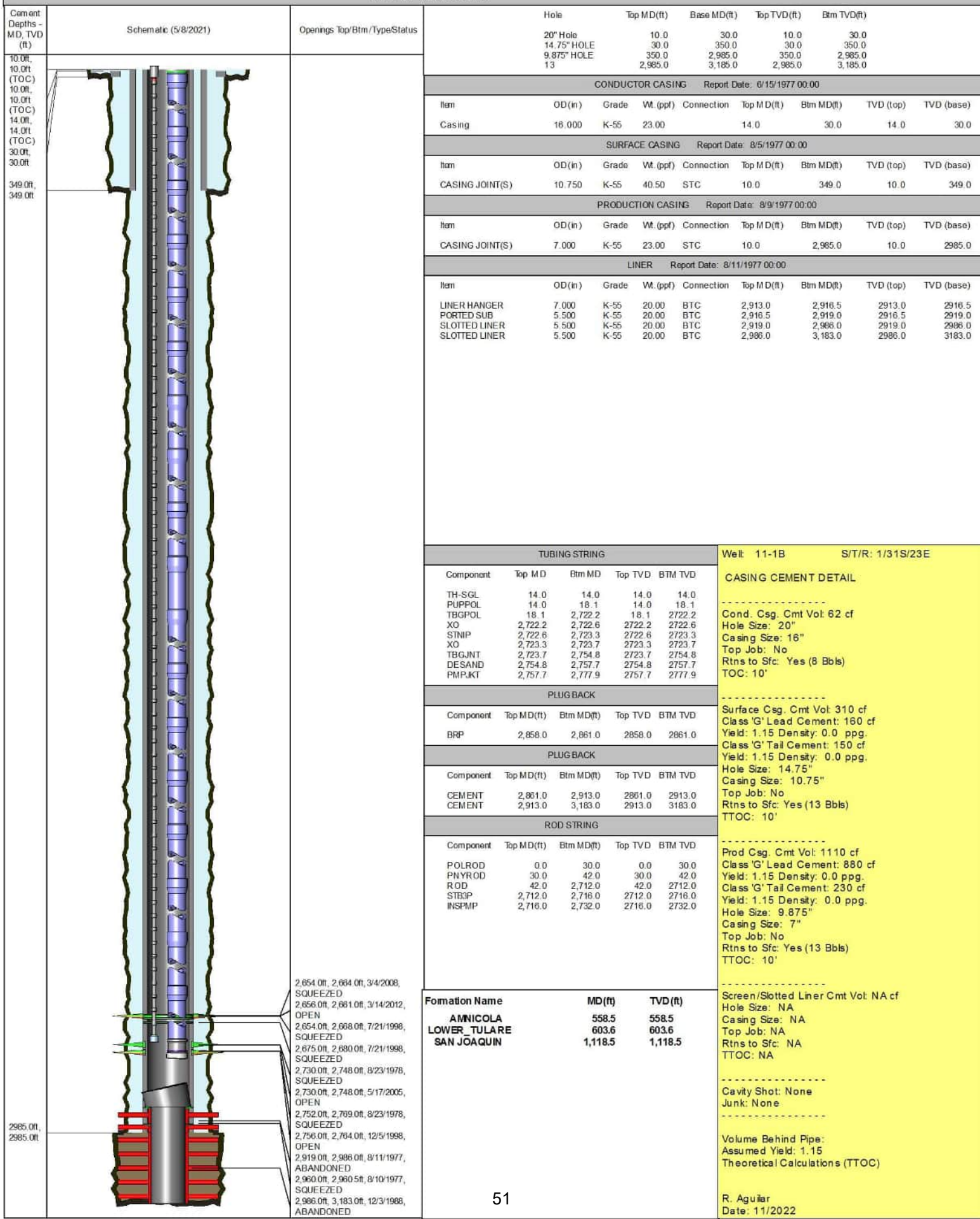
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/8/2021

11-1B

Ground Level: 1,184.0ft
 Datum: Original DF @ 1,194.00ft (default)
 KB: 10.0ft
 API-10: 0402955672

Wellbore: ORIGINAL HOLE
 PBMD: 2,858.0ft
 Btm TMD: 3,185.0ft
 Spud Date/Time: 8/4/1977
 BH Coord X: 6,124,385.75usft
 BH Coord Y: 2,286,532.93usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 5/29/2019

13-1B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,159.00ft (default)
 KB: 10.0ft
 API-10: 0402955673

Wellbore: ORIGINAL HOLE
 PBMD: 680.0ft
 Btm TMD: 3,232.5ft
 Spud Date/Time: 11/8/1978
 BH Coord X: 6,124,379.74usft
 BH Coord Y: 2,285,340.37usft

Cement Depths - MD, TVD (ft)	Schematic (5/29/2019)	Openings Top/Btm/Type/Status											
Hole										Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 30.0ft, 30.0ft 91.0ft, 91.0ft 360.0ft, 360.0ft			20" HOLE	0.0	30.0	30.0							
			14.75" HOLE	30.0	360.0	30.0	360.0						
			9.875" HOLE	360.0	2,660.0	360.0	2,659.7						
			7.875" HOLE	2,660.0	3,240.0	2,659.7	3,239.6						
			CONDUCTOR CASING Report Date: 7/16/1978 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			CASING JOINT(S)	16.000				10.0	30.0	10.0	30.0		
			SURFACE CASING Report Date: 11/8/1978 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			CASING JOINT(S)	10.750	K-55	40.50	STC	10.0	360.0	10.0	360.0		
			PRODUCTION CASING Report Date: 11/19/1978 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			CASING JOINT(S)	7.000	K-55	23.00	STC	10.0	3,398.0	10.0	3397.6		
680.0ft, 680.0ft													
			Date		Type		Remarks						
			TUBING STRING							Well: 13-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL					
			TH-SGL	10.0	10.7	10.0	10.7	Cond. Csg. Cmt Vol: Unknown					
			FAINIP	10.7	11.4	10.7	11.3	Hole Size: 20"					
			TBGPOL	11.4	2,905.9	11.3	2905.5	Casing Size: 16"					
			XO	2,905.9	2,906.3	2905.5	2906.0	Top Job: No					
			STNIP	2,906.3	2,907.0	2906.0	2906.6	Rtns to Sfc: Unknown					
			PMPJKT	2,907.0	2,927.0	2906.6	2926.6	TOC: 10'					
			PLUGBACK							Surface Csg. Cmt Vol: 390 cf			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Lead Cement: 240 cf					
			CEMENT	680.0	927.0	680.0	927.0	Yield: 1.15, Density: NA ppg.					
			PLUGBACK							Class 'G' Tail Cement: 150 cf			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: NA ppg.					
			CEMENT	2,792.0	3,218.0	2791.7	3217.6	Hole Size: 14.75"					
			ROD STRING							Casing Size: 10.75"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No					
			POLROD	0.0	30.0	0.0	30.0	Rtns to Sfc: Yes (5 Bbls)					
			PNYROD	30.0	50.0	30.0	50.0	TTOC: 10'					
			ROD	50.0	2,900.0	50.0	2899.7	Prod Csg. Cmt Vol: NA					
			STB3P	2,900.0	2,904.0	2899.7	2903.7	Class "Lead Cement: NA					
			INSPMP	2,904.0	2,920.0	2903.7	2919.6	Yield: , Density: NA ppg.					
										Class "Tail Cement: NA			
										Yield: , Density: NA ppg.			
										Hole Size: NA			
										Casing Size: NA			
										Top Job: NA			
										Rtns to Sfc: NA			
										TTOC: NA			
										Screen/Slotted Liner Cmt Vol: NA			
										Hole Size: NA			
										Casing Size: NA			
										Top Job: NA			
										Rtns to Sfc: NA			
										TTOC: NA			
										Cavity Shot: None			
										Junk: None			
										Volume Behind Pipe:			
										Assumed Yield: 1.15			
										Theoretical Calculations (TTOC)			
			Formation	Top MD(ft)	Base MD(ft)								
			AMNICOLA	646.5	646.5								
			SANJOAQUIN	1,174.5	1,174.6								
			R. Aguilar										
			Date: 11/2022										
			P&A Mud & Cement Details										
													
			Mud Volume: NA										
			Mud Weight: NA										
			Top of Mud: NA										
			Cement: 152 cf @ 2792' - 3218'										
			Top of Cement: 252 cf @ 680' - 927'										

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CALIFORNIA RESOURCES ELK HILLS, LLC

21-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: INACTIVE
 Status date: 10/4/2016

Ground Level: 1,180.0ft
 Datum: Original DF @ 1,190.00ft (default)
 KB: 10.0ft
 API-10: 0402956092

Wellbore: ORIGINAL HOLE
 PBMD: 3,073.0ft
 Btm TMD: 3,175.0ft
 Spud Date: 10/12/1977 00:00
 BH Coord X: 6,125,062.25usft
 BH Coord Y: 2,286,568.93usft

Borehole Section	Cement Depths - MD, TVD (ft)	Schematic (10/4/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
10.0ft, 10.0ft, 30.0ft, 30.0ft	10.0ft, 10.0ft (TOC), 10.0ft, 10.0ft (TOC), 30.0ft, 30.0ft			20" Hole	10.0	30.0	10.0	30.0				
				14.75" HOLE	30.0	337.0	30.0	337.0				
				9.875" HOLE	337.0	2,980.0	337.0	2,980.0				
				13" HOLE	2,980.0	3,075.0	2,980.0	3,075.0				
				7.875" HOLE	3,075.0	3,175.0	3,075.0	3,175.0				
337.0ft, 337.0ft	337.0ft, 337.0ft			CONDUCTOR CASING Report Date: 10/11/1977 00:00								
				Item	OD(in)	Grade	WM.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				CASING JOINT(S)	16.000				10.0	30.0	10.0	30.0
				SURFACE CASING Report Date: 10/12/1977 00:00								
				Item	OD(in)	Grade	WM.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				CASING JOINT(S)	10.750	K-55	40.50	STC	10.0	337.0	10.0	337.0
				PRODUCTION CASING Report Date: 10/16/1977 00:00								
				Item	OD(in)	Grade	WM.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				CASING JOINT(S)	7.000	K-55	23.00	STC	9.0	2,980.0	9.0	2980.0
				INNER LINER Report Date: 2/10/2006 00:00								
				Item	OD(in)	Grade	WM.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				SEAL ADAPTER	5.563				2,700.6	2,701.6	2700.6	2701.6
				LANDING NIPPLE	5.500				2,701.6	2,702.8	2701.6	2702.8
				SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,702.8	2,742.3	2702.8	2742.3
				SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,742.3	2,906.9	2742.3	2906.9
				CROSSOVER	5.500	K-55		HYD 511	2,906.9	2,907.8	2906.9	2907.8
				SLOTTED LINER	3.500	K-55	9.30	HYD 511	2,907.8	3,070.0	2907.8	3070.0
				DRILL-IN SHOE	3.500			HYD 511	3,070.0	3,073.0	3070.0	3073.0
				TUBING STRING					Well: 21-1B S/T/R: 1/31S/23E			
									TVD (top)	TVD (base)	CASING CEMENT DETAIL	
				TH-ROT	10.0	10.0			10.0		Cond. Csg. Cmt Vol: 54cf	
				PUPPOL	10.0	12.1			12.1		Hole Size: 20"	
				TBGPOL	12.1	2,893.6			2,893.6		Casing Size: 16"	
				XO	2,893.6	2,894.1			2,893.6		Top Job: No	
				STNIP	2,894.1	2,894.8			2,894.1		Rtns to Sfc: Yes	
				XO	2,894.8	2,895.3			2,894.8		TOC: 10'	
				PMPJKT	2,895.3	2,914.9			2,895.3		Surf. Csg. Cmt Vol: 300 cf	
				PLUG BACK					Class 'G' Lead Cement 150 cf			
				Component	Top MD(ft)	Btm MD(ft)			TVD (top)	TVD (base)	Yield: 1.3, Density: NA ppg.	
				CEMENT	3,083.0	3,156.0			3083.0	3156.0	Class 'G' Tail Cement 150 cf	
				ROD STRING					Yield: 1.3, Density: NA ppg.			
				Component	Top MD(ft)	Btm MD(ft)			TVD (top)	TVD (base)	Hole Size: 14.75"	
				POLROD	0.0	30.0			0.0	30.0	Casing Size: 10.75"	
				PNYROD	30.0	34.0			30.0	34.0	Top Job: No	
				ROD	34.0	1,744.0			34.0	1744.0	Rtns to Sfc: Yes (13 bbls)	
				ROD	1,744.0	2,884.0			1744.0	2884.0	TOC: 10'	
				RSTBAR	2,884.0	2,888.0			2884.0	2888.0	Prod. Csg. Cmt Vol: 1,080 cf	
				INSRMP	2,888.0	2,900.0			2888.0	2900.0	Class 'G' Lead Cement 850 cf	
				Formation Name					Top MD(ft)	Top TVD(ft)	Yield: 1.3, Density: NA ppg.	
				AMNICOLA					540.2	540.2	Class 'G' Tail Cement 230 cf	
				LOWER_TULARE					585.5	585.5	Yield: 1.3, Density: NA ppg.	
				SANJOAQUIN					1,103.0	1,103.0	Hole Size: 9.875"	
										Casing Size: 7"		
										Top Job: No		
										Rtns to Sfc: Yes (7 bbls)		
										TOC: 10'		
										Cavity Shot: None		
										Junk: None		
										Formation Markers: (MD/TVD)		
										USDW:		
										BOFW:		
										San Joaquin Formation:		
										Etchegoin Formation:		
										Reef Ridge Formation & Top Upper Confining Interval:		
										Monterey Formation, Base Upper Confining Interval &		
										Top Injection Zone:		
										Base Injection Zone: NA		
										Top Lower Confining Interval: NA		
										Volume Behind Pipe:		
										Theoretical Calculations (ETOC)		
										E. Glauser		
										Date: 09/2020		
2980.0ft, 2980.0ft	2980.0ft, 2980.0ft		2,702.0ft, 2,742.3ft, 2,731.0ft, 2,755.0ft, 2,731.0ft, 2,755.0ft, 2,731.0ft, 2,755.0ft, 2,761.0ft, 2,770.0ft, 2,761.0ft, 2,770.0ft, 2,742.3ft, 2,906.9ft, 2,960.0ft, 2,961.0ft, 2,907.8ft, 3,070.0ft, 2,990.0ft, 3,010.0ft, 2,990.0ft, 3,010.0ft, 3,075.0ft, 3,075.0ft, 3,175.0ft, 3,175.0ft	2,702.0ft, 2,742.3ft, 2,731.0ft, 2,755.0ft, 2,731.0ft, 2,755.0ft, 2,731.0ft, 2,755.0ft, 2,761.0ft, 2,770.0ft, 2,761.0ft, 2,770.0ft, 2,742.3ft, 2,906.9ft, 2,960.0ft, 2,961.0ft, 2,907.8ft, 3,070.0ft, 2,990.0ft, 3,010.0ft, 2,990.0ft, 3,010.0ft, 3,075.0ft, 3,075.0ft, 3,175.0ft, 3,175.0ft		2,702.0ft, 2,742.3ft, 2,731.0ft, 2,755.0ft, 2,731.0ft, 2,755.0ft, 2,731.0ft, 2,755.0ft, 2,761.0ft, 2,770.0ft, 2,761.0ft, 2,770.0ft, 2,742.3ft, 2,906.9ft, 2,960.0ft, 2,961.0ft, 2,907.8ft, 3,070.0ft, 2,990.0ft, 3,010.0ft, 2,990.0ft, 3,010.0ft, 3,075.0ft, 3,075.0ft, 3,175.0ft, 3,175.0ft	2,702.0ft, 2,742.3ft, 2,731.0ft, 2,755.0ft, 2,731.0ft, 2,755.0ft, 2,731.0ft, 2,755.0ft, 2,761.0ft, 2,770.0ft, 2,761.0ft, 2,770.0ft, 2,742.3ft, 2,906.9ft, 2,960.0ft, 2,961.0ft, 2,907.8ft, 3,070.0ft, 2,990.0ft, 3,010.0ft, 2,990.0ft, 3,010.0ft, 3,075.0ft, 3,075.0ft, 3,175.0ft, 3,175.0ft					

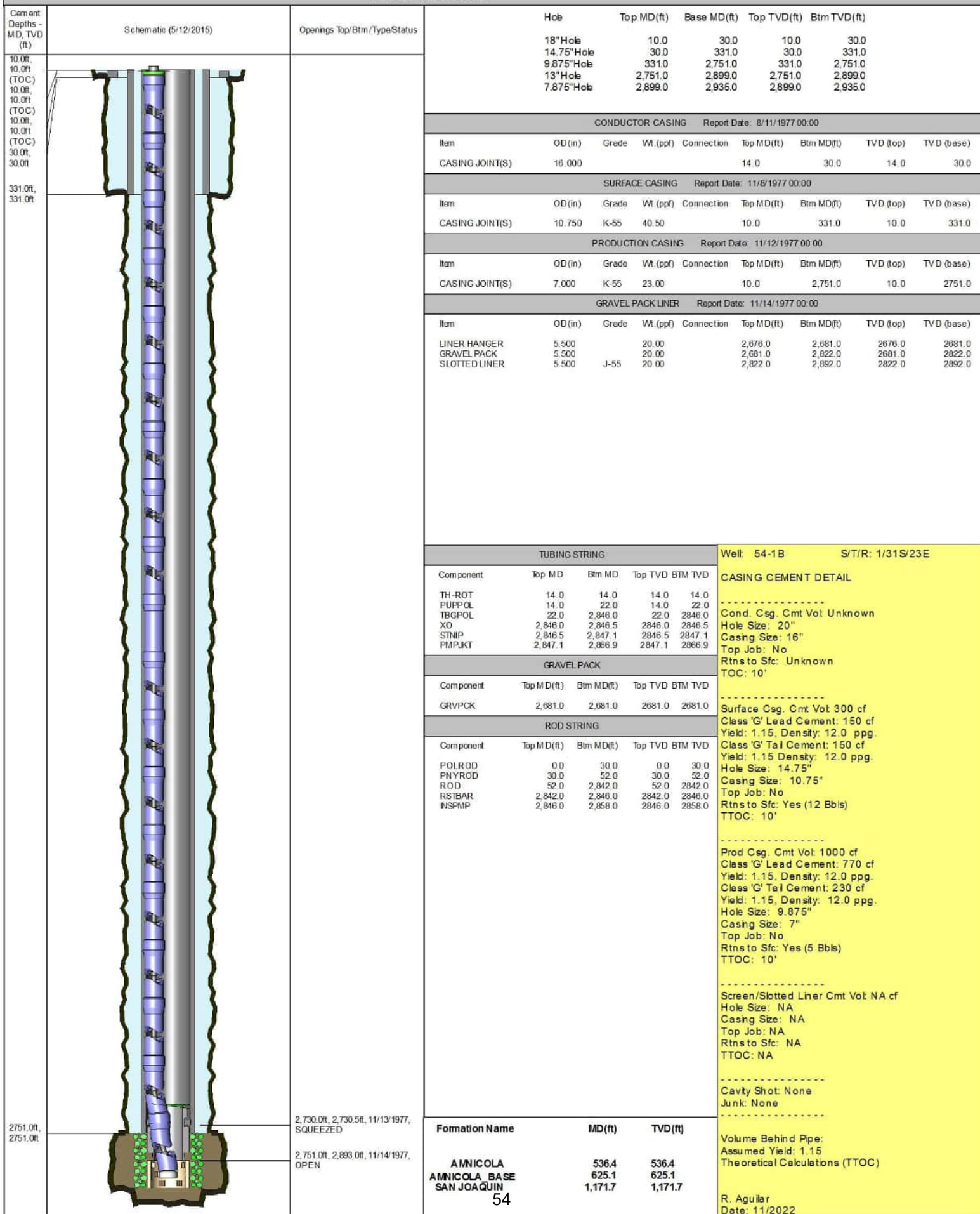
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/12/2015

54-1B

Ground Level: 1,126.0ft
 Datum: Original KB @ 1,136.00ft (default)
 KB: 10.0ft
 API-10: 0402956150

Wellbore: ORIGINAL HOLE
 PBMD: 2,935.0ft
 Btm TMD: 2,935.0ft
 Spud Date/Time: 11/8/1977
 BH Coord X: 6,127,104.25usft
 BH Coord Y: 2,284,591.93usft



2,730.0ft, 2,730.5ft, 11/13/1977,
 SQUEEZED

2,751.0ft, 2,893.0ft, 11/14/1977,
 OPEN

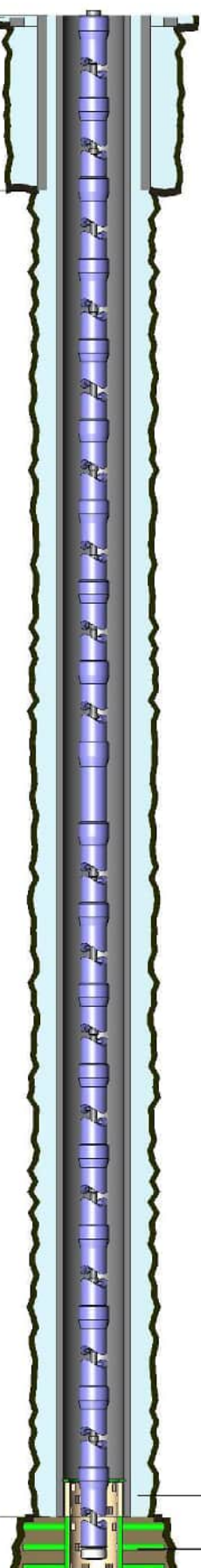
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 3/7/2014

43-1B

Ground Level: 1,135.0ft
 Datum: Original KB @ 1,144.00ft (default)
 KB: 9.0ft
 API-10: 0402957842

Wellbore: ORIGINAL HOLE
 PBMD: 2,828.0ft
 Btm TMD: 2,830.0ft
 Spud Date/Time: 6/14/1978
 BH Coord X: 6,126,464.25usft
 BH Coord Y: 2,285,230.93usft

Cement Depths - MD, TVD (ft)	Schematic (3/7/2014)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)														
9.0ft, 9.0ft (TOC)			18" Hole	9.0	29.0	9.0	29.0														
9.0ft, 9.0ft (TOC)			14.75" Hole	29.0	324.0	29.0	324.0														
13.0ft, 13.0ft (TOC)			9.875" Hole	324.0	2,720.0	324.0	2,720.0														
29.0ft, 29.0ft			13" Hole	2,720.0	2,830.0	2,720.0	2,830.0														
324.0ft, 324.0ft			CONDUCTOR CASING Report Date: 5/22/1978 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			CASING JOINT(S)	16.000				13.0	29.0	13.0	29.0										
			SURFACE CASING Report Date: 6/14/1978 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			CASING JOINT(S)	10.750	K-55	40.50		9.0	324.0	9.0	324.0										
			PRODUCTION CASING Report Date: 6/18/1978 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			CASING JOINT(S)	7.000	K-55	23.00		9.0	2,718.0	9.0	2,718.0										
			LINER Report Date: 6/20/1978 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			LINER HANGER	6.300				2,850.0	2,655.0	2,850.0	2,655.0										
			SLOTTED LINER	5.500	K-55	20.00		2,655.0	2,718.0	2,655.0	2,718.0										
			SLOTTED LINER	5.500	K-55	20.00		2,718.0	2,828.0	2,718.0	2,828.0										
			TUBING STRING																		
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 43-1B S/T/R: 1/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 18" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 9' ----- Surface Csg. Cmt Vol: 280 cf Class 'G' Lead Cement: 130 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 150 cf Yield: 1.15 Density: 0.0 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (10 Bbls) TTOC: 9' ----- Prod Csg. Cmt Vol: 950 cf Class 'G' Lead Cement: 720 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 230 cf Yield: 1.15, Density: 0.0 ppg. Hole Size: 9.875" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (14 Bbls) TTOC: 9' ----- Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) ----- R. Aguilar Date: 11/2022													
			TH-ROT	9.0	9.0	9.0	9.0														
			FATNIP	9.0	9.7	9.0	9.7														
			TBGPOL	9.7	2,772.3	9.7	2,772.3														
			XO	2,772.3	2,772.7	2,772.3	2,772.7														
			STNIP	2,772.7	2,773.6	2,772.7	2,773.6														
			PMPJKT	2,773.6	2,793.8	2,773.6	2,793.8	ROD STRING													
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			POLROD	0.0	30.0	0.0	30.0														
			PNYROD	30.0	46.0	30.0	46.0														
			ROD	46.0	2,776.0	46.0	2,776.0														
			RSTBAR	2,776.0	2,780.0	2,776.0	2,780.0														
			INSPMP	2,780.0	2,796.0	2,780.0	2,796.0														
			Formation Name	MD(ft)	TVD(ft)																
			AMNICOLA	511.6	511.6																
			LOWER_TULARE	588.6	588.6																
			SAN JOAQUIN	1,132.2	1,132.2																
2718.0ft, 2718.0ft			2,680.0ft, 2,680.5ft, 6/19/1978, SQUEEZED																		
			2,718.0ft, 2,828.0ft, 6/20/1978, OPEN																		

Field Name: ELK HILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 9/27/2018

Ground Level: 1,092.0ft
Datum: Original DF @ 1,105.00ft (default)
KB: 13.0ft
API-10: 0402966850

Wellbore: ORIGINAL HOLE
PBMD: 3,277.0ft
Btm TMD: 3,330.0ft
Spud Date/Time: 6/21/1982
BH Coord X: 6,124,369.75usft
BH Coord Y: 2,283,895.93usft

15-1B

Cement Depths - MD, TVD (ft)	Schematic (9/27/2018)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
13.0ft, 13.0ft (TOC)			18" HOLE	13.0	33.0	13.0	33.0				
			14.75" HOLE	33.0	306.0	33.0	306.0				
			9.875" HOLE	306.0	3,330.0	306.0	3,330.0				
			CONDUCTOR CASING Report Date: 3/8/1982 00:00								
			Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000		75.00		13.0	33.0	13.0	33.0
			SURFACE CASING Report Date: 6/23/1982 00:00								
			Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	H-40	40.50		13.0	303.0	13.0	303.0
			PRODUCTION CASING Report Date: 6/26/1982 00:00								
Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
CASING JOINT(S)	7.000	K-55	23.00		13.0	3,315.0	13.0	3315.0			
303.0ft, 303.0ft			PLUGBACK					Well: 15-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	3,277.0	3,315.0	3277.0	3315.0	----- Cond. Csg. Cmt Vol: 326 cf Hole Size: 18" Casing Size: 18" Top Job: No Rtns to Sfc: Yes (Unknown) TOC: 13' -----			
			CEMENT	3,315.0	3,330.0	3315.0	3330.0	Surface Csg. Cmt Vol: 350 cf Class 'G' Lead Cement: 200 cf Yield: 1.3, Density: 0.0 ppg. Class 'G' Tail Cement: 150 cf Yield: 1.3 Density: 0.0 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: No TTOC: 13' -----			
								Prod Csg. Cmt Vol: 1260 cf Class 'G' Lead Cement: 1050 cf Yield: 1.3, Density: 0.0 ppg. Class 'G' Tail Cement: 210 cf Yield: 1.3, Density: 0.0 ppg. Hole Size: 9.875" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (18 Bbls) TTOC: 13' -----			
								Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA -----			
								Cavity Shot: None Junk: None -----			
								Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) -----			
								R. Aguilar Date: 11/20/22			

3,004.0ft, 3,022.0ft, 4/27/1983, OPEN

3315.0ft, 3315.0ft

56

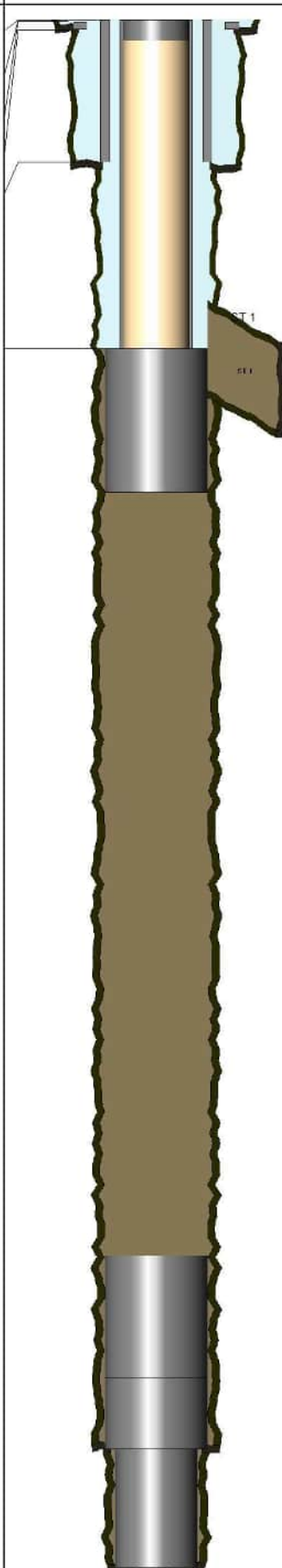
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 3/2/2005

26-1B

Ground Level: 1,078.0ft
 Datum: Original DF @ 1,090.00ft (default)
 KB: 12.0ft
 API-10: 0402972052

Wellbore: ORIGINAL HOLE
 PBMD: 700.0ft
 Btm TMD: 3,250.0ft
 Spud Date/Time: 6/4/1984
 BH Coord X: 6,125,186.09usft
 BH Coord Y: 2,283,256.83usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
12.0ft, 12.0ft (TOC)			18" HOLE	12.0	32.0	12.0	32.0				
12.0ft, 12.0ft (TOC)			14.75" HOLE	32.0	317.0	32.0	316.9				
12.0ft, 12.0ft (TOC)			9.875" HOLE	317.0	3,000.0	316.9	2,999.1				
14.0ft, 14.0ft (TOC)			7.875" HOLE	3,000.0	3,250.0	2,999.1	3,249.1				
32.0ft, 32.0ft			CONDUCTOR CASING Report Date: 5/30/1984 00:00								
309.0ft, 309.0ft			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				16.0	32.0	16.0	32.0
			SURFACE CASING Report Date: 6/8/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	STC	12.0	309.0	12.0	309.0
			PRODUCTION CASING Report Date: 6/17/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00	STC	12.0	3,085.0	12.0	3084.1
			CASING JOINT(S)	7.000	K-55	23.00	STC	3,085.0	3,086.0	3084.1	3085.1
			CASING JOINT(S)	7.000	K-55	23.00	STC	3,086.0	3,128.0	3085.1	3127.1
700.0ft, 700.0ft			Date Type Remarks								
			PLUG BACK					Well: 26-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	12.0	55.0	12.0	55.0	Cond. Csg. Cmt Vol: 78cf			
			MUD	55.0	2,901.0	55.0	2900.2	Hole Size: 18"			
			PLUG BACK					Casing Size: 16"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
			CEMENT	700.0	1,000.0	700.0	1000.0	Rtns to Sfc: Yes (32 Bbls)			
			PLUG BACK					TOC: 12'			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 364 cf			
			CEMENT	2,597.0	2,851.0	2596.4	2850.2	Class 'G' Lead Cement: 215 cf			
			CEMENT	2,851.0	3,000.0	2850.2	2999.1	Yield: 1.3, Density: NA ppg.			
			CEMENT	3,000.0	3,248.0	2999.1	3247.1	Class 'G' Tail Cement: 150 cf			
								Yield: 1.3, Density: NA ppg.			
								Hole Size: 14.75"			
								Casing Size: 10.75"			
								Top Job: No			
								Rtns to Sfc: Yes (9 Bbls)			
								TTOC: 13'			
								Prod Csg. Cmt Vol: NA			
								Class " Lead Cement: NA			
								Yield: , Density: NA ppg.			
								Class " Tail Cement: NA			
								Yield: , Density: NA ppg.			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
								Screen/Slotted Liner Cmt Vol: NA			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
								Cavity Shot: None			
								Junk: None			
								Volume Behind Pipe:			
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
			Formation Name	MD(ft)		TVD(ft)		R. Aguilar			
			AMNICOLA	682.7		682.7		Date: 11/2022			
			SAN JOAQUIN	1,249.8		1,249.7		P&A Mud & Cement Details			

								Mud Volume: 109 cf @ 2841'			
								88 cf @ 2597'			
								Mud Weight: NA			
								Top of Mud: NA			
								Cement: 169 cf @ 2852' - 3248'			
								265 cf @ 2597' - 2851'			
								Top of Cement: 318 cf @ 700' - 1000'			

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CALIFORNIA RESOURCES ELK HILLS, LLC

33NW-1B

Field Name: ELKHILLS
 Site Name: 01B
 End Status: ACTIVE
 Status date: 4/29/2016

Ground Level: 1,106.3ft
 Datum: Original KB @ 1,120.30ft (default)
 KB: 14.0ft
 API-10: 0403040999

Wellbore: ORIGINAL HOLE
 PBMD: 3,190.0ft
 Btm TMD: 3,237.0ft
 Spud Date: 6/22/2010 21:00
 BH Coord X: 6,125,128.87usft
 BH Coord Y: 2,285,433.17usft

Cement Depths - MD, TVD (ft)	Schematic (4/29/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC) 14.0ft, 14.0ft (TOC)			16" HOLE	14.0	54.0	14.0	54.0				
			14.5" HOLE	54.0	414.0	54.0	414.0				
			10.75" HOLE	414.0	3,237.0	414.0	3,174.2				
			CONDUCTOR CASING Report Date: 6/14/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000			14.0	54.0	14.0	54.0	
			SURFACE CASING Report Date: 6/23/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	358.1	14.0	358.1
			FLOAT COLLAR	10.750	J-55	40.50	STC	358.1	359.7	358.1	359.7
406.0ft, 406.0ft			CASING JOINT(S)	10.750	J-55	40.50	STC	359.7	404.9	359.7	404.9
			GUIDE SHOE	10.750	J-55	40.50	STC	404.9	406.0	404.9	406.0
			PRODUCTION CASING Report Date: 6/25/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,489.5	14.0	2453.1
			FLAG JOINT	7.000	K-55	23.00	LTC	2,489.5	2,509.4	2453.1	2472.2
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,509.4	2,665.7	2472.2	2622.6
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,665.7	3,188.7	2622.6	3127.5
			FLOAT COLLAR	7.000	K-55	23.00	LTC	3,188.7	3,190.3	3127.5	3129.0
			CASING JOINT(S)	7.000	K-55	23.00	LTC	3,190.3	3,230.8	3129.0	3168.3
			GUIDE SHOE	7.000	K-55	23.00	LTC	3,230.8	3,232.0	3168.3	3169.4
	TUBING STRING					Well: 33NW-1B S/T/R: 1/31S/23E					
						CASING CEMENT DETAIL					

						Cond. Csg. Cmt Vol: Unknown					
						Hole Size: 18"					
						Casing Size: 16"					
						Top Job: No					
						Rtns to Sfc: Yes					
						TOC: Surface					

						Surf. Csg. Cmt Vol: 532 cf					
						Class 'C' Lead Cement: 281 cf					
						Yield 2.18, Density: 12.4 ppg.					
						Class 'C' Tail Cement: 251 cf					
						Yield: 1.71, Density: 13.5 ppg.					
						Hole Size: 14.5"					
						Casing Size: 10.75"					
						Top Job: No					
						Rtns to Sfc: Yes (168 cf)					
						TOC: Surface					

						Prod. Csg. Cmt Vol: 1275 cf					
						Class 'C' Lead Cement: 1052 cf					
						Yield: 2.63, Density: 11.8 ppg.					
						Class 'C' Tail Cement: 223 cf					
						Yield: 1.47, Density: 13.5 ppg.					
						Hole Size: 10.75"					
						Casing Size: 7"					
						Top Job: No					
						Rtns to Sfc: Yes (168 cf)					
						ETOC: 14'					

						Screen/Slotted Liner Cmt Vol: NA					
						Hole Size: NA					
						Casing Size: NA					
						Top Job: NA					
						Rtns to Sfc: NA					
						ETOC: NA					

						Cavity Shot: None					
						Junk: None					

						Volume Behind Pipe:					
						Theoretical Calculations (ETOC)					

						Arturo Valencia					
						Date: 03/2022					
3237.0ft, 3174.2ft			Formation Name: MD:(ft) TVD:(ft)								

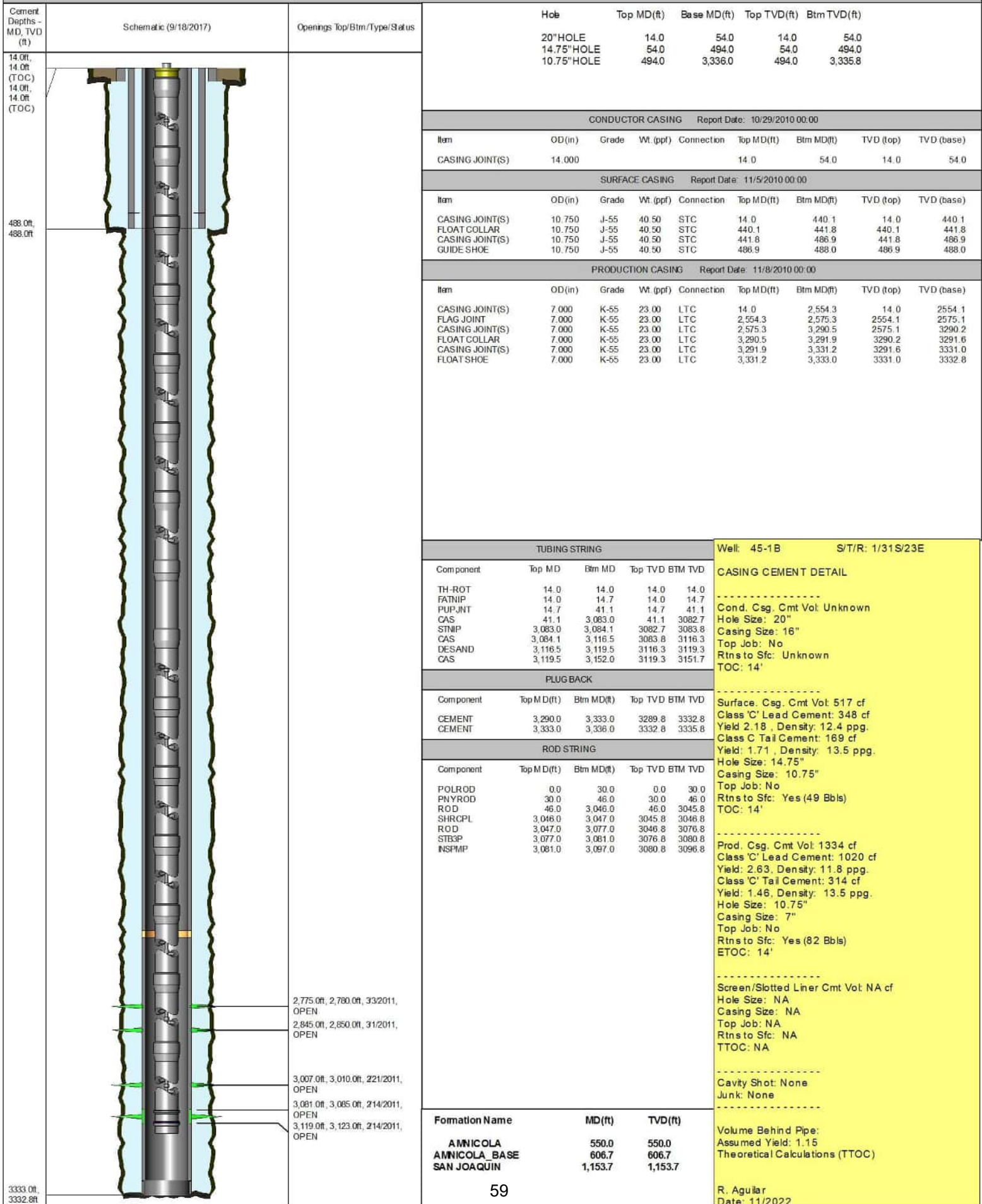
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/18/2017

45-1B

Ground Level: 1,048.5ft
 Datum: Original KB @ 1,062.50ft (default)
 KB: 14.0ft
 API-10: 0403041562

Wellbore: ORIGINAL HOLE
 PBMD: 3,290.0ft
 Btm TMD: 3,336.0ft
 Spud Date/Time: 11/5/2010
 BH Coord X: 6,126,332.14usft
 BH Coord Y: 2,283,919.51usft



Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 10/5/2022

Ground Level: 1,136.7ft
Datum: Original DF @ 1,150.70ft (default)
KB: 14.0ft
API-10: 0403042510

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 2/20/2011
BH Coord X: 6,125,095.60usft
BH Coord Y: 2,284,634.56usft

24-1B

Cement Depths - MD, TVD (ft)	Schematic (10/5/2022)	Openings: Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
14.0ft, 14.0ft (TOC)			18" HOLE	14.0	54.0	14.0	54.0			
14.0ft, 14.0ft (TOC)			14.5" HOLE	54.0	424.0	54.0	424.0			
			10.75" HOLE	424.0	3,357.0	424.0	3,337.8			
			CONDUCTOR CASING Report Date: 2/15/2011 00:00							
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	16.000				14.0	54.0	14.0	54.0
		SURFACE CASING Report Date: 2/20/2011 00:00								
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	10.750	J55	40.50	STC	14.0	370.1	14.0	370.1
		FLOAT COLLAR	10.750	J55	40.50	STC	370.1	371.8	370.1	371.8
		CASING JOINT(S)	10.750	J55	40.50	STC	371.8	416.9	371.8	416.9
		GUIDE SHOE	10.750	J55	40.50	STC	416.9	418.0	416.9	418.0
		PRODUCTION CASING Report Date: 2/23/2011 00:00								
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,575.9	14.0	2562.2
		FLAG JOINT	7.000	K-55	23.00	LTC	2,575.9	2,590.0	2562.2	2576.2
		CASING JOINT(S)	7.000	K-55	23.00	LTC	2,590.0	3,311.2	2576.2	3292.3
		FLOAT COLLAR	7.000	K-55	23.00	LTC	3,311.2	3,312.6	3292.3	3293.7
		CASING JOINT(S)	7.000	K-55	23.00	LTC	3,312.6	3,355.3	3293.7	3336.1
		FLOAT SHOE	7.000	K-55	23.00	LTC	3,355.3	3,357.0	3336.1	3337.8
		Date	Type		Remarks					
		11/5/2013	Pump Design		Review for down-size nextpul. SBC					
		PLUG BACK					Well: 24-1B S/T/R: 1/31S/23E			
		Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
		CEMENT	1.0	2,383.0	1.0	2370.8	----- Cond. Csg. Cmt Vol: Unknown Hole Size: 18" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: Unknown ----- Surface Csg. Cmt Vol: 443 cf Class 'C' Lead Cement: 202 cf Yield: 1.15, Density: 12.4 ppg. Class 'C' Tail Cement: 241 cf Yield: 1.15, Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (15 Bbls) TTOC: 14' ----- Prod Csg. Cmt Vol: 1354 cf Class 'C' Lead Cement: 1042 cf Yield: 1.15 Density: 11.8 ppg. Class 'C' Tail Cement: 312 cf Yield: 1.15, Density: 13.5 ppg. Hole Size: 10.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (80 Bbls) TTOC: 14' ----- Screen/Slotted Liner Cmt Vol: NA Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)			
	PLUG BACK									
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD					
	CEMENT	3,311.0	3,357.0	3292.1	3337.8					
	Formation Name	MD(ft)	TVD(ft)							
	AMNICOLA	624.0	623.9							
	LOWER_TULARE	676.7	676.5							
	SAN JOAQUIN	1,218.9	1,214.9							
	R. Aguilar Date: 11/2022									
	P&A Mud & Cement Details									
	----- Mud Volume: NA Mud Weight: NA Top of Mud: NA									
	Cement: 203 cf "G" @ 2383' - 3300' 377 cf "G" @ 880" - 2523' Top of Cement: 225 cf "G" @ 0' - 880'									

2,807.0ft, 2,809.0ft,
PERFORATED, 3/15/2011
00:00, ABANDONED
2,815.0ft, 2,818.0ft,
PERFORATED, 3/15/2011
00:00, ABANDONED
2,881.0ft, 2,884.0ft,
PERFORATED, 3/15/2011
00:00, ABANDONED
2,906.0ft, 2,908.0ft,
PERFORATED, 3/15/2011
00:00, ABANDONED
3,120.0ft, 3,122.0ft,
PERFORATED, 3/13/2011
00:00, ABANDONED
3,147.0ft, 3,149.0ft,
PERFORATED, 3/13/2011
00:00, ABANDONED
3,170.0ft, 3,172.0ft,
PERFORATED, 3/13/2011
00:00, ABANDONED
3,195.0ft, 3,197.0ft,
PERFORATED, 3/13/2011
00:00, ABANDONED

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CALIFORNIA RESOURCES ELK HILLS, LLC

43SW-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/16/2017

Ground Level: 1,074.2ft
 Datum: Original DF @ 1,088.20ft (default)
 KB: 14.0ft
 API-10: 0403042511

Wellbore: ORIGINAL HOLE
 PBMD: 3,270.0ft
 Btm TMD: 3,322.0ft
 Spud Date: 2/16/2011 17:00
 BH Coord X: 6,126,165.10usft
 BH Coord Y: 2,284,838.17usft

Cement Depths - MD, TVD (ft)	Schematic (11/16/2017)	Openings Top/Btm/Type/Status	Hole								
			Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)					
14.0ft, 14.0ft (TOC)			18" Hole	14.0	54.0	14.0	54.0				
14.0ft, 14.0ft (TOC)			14.5" HOLE	54.0	412.0	54.0	412.0				
406.0ft, 406.0ft			10.75" HOLE	412.0	3,322.0	412.0	3,296.4				
			CONDUCTOR CASING Report Date: 2/14/2011 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000			14.0	54.0	14.0	54.0	
			SURFACE CASING Report Date: 2/17/2011 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	358.0	14.0	358.0
			Float Collar	10.750	J-55	40.50	STC	358.0	359.7	358.0	359.7
			CASING JOINT(S)	10.750	J-55	40.50	STC	359.7	404.8	359.7	404.8
			GUIDE SHOE	10.750	J-55	40.50	STC	404.8	406.0	404.8	406.0
			PRODUCTION CASING Report Date: 2/19/2011 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	J-55	23.00	LTC	14.0	2,542.7	14.0	2523.8
			FLAG JOINT	7.000	J55	23.00	LTC	2,542.7	2,556.8	2523.8	2537.7
			CASING JOINT(S)	7.000	J-55	23.00	LTC	2,556.8	3,274.2	2537.7	3249.0
			Float Collar	7.000	J55	23.00	LTC	3,274.2	3,275.6	3249.0	3250.4
			CASING JOINT(S)	7.000	J-55	23.00	LTC	3,275.6	3,318.3	3250.4	3292.7
			Float Shoe	7.000	J55	23.00	LTC	3,318.3	3,320.0	3292.7	3294.4
			TUBING STRING							Well: 43SW-1B S/T/R: 1/31S/23E	
								TVD (top)	TVD (base)	CASING CEMENT DETAIL	
			TH-ROT	14.0	14.0	14.0	14.0			Cond. Csg. Cmt Vol: Unknown	
			TBGJNT	14.0	3,111.5	14.0	3087.7			Hole Size: 18"	
			XO	3,111.5	3,112.0	3087.7	3088.1			Casing Size: 16"	
			STNIP	3,112.0	3,112.6	3088.1	3088.8			Top Job: No	
			TBGJNT	3,112.6	3,145.0	3088.8	3120.8			Rtns to Sfc: Yes	
			DESAND	3,145.0	3,147.9	3120.8	3123.8			TOC: Surface	
			TBGJNT	3,147.9	3,180.2	3123.8	3155.8			Surf. Csg. Cmt Vol: 437 cf	
			PLUG BACK							Class 'C' Lead Cement: 196 cf	
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Yield 2.18, Density: 12.4 ppg.			
			CEMENT	3,270.0	3,320.0	3244.8	3294.4	Class 'C' Tail Cement: 241 cf			
			CEMENT	3,320.0	3,322.0	3294.4	3296.4	Yield: 1.71, Density: 13.5 ppg.			
			ROD STRING							Hole Size: 14.5"	
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Casing Size: 10.75"			
			POLROD	0.0	30.0	0.0	30.0	Top Job: No			
			PNYROD	30.0	40.0	30.0	40.0	Rtns to Sfc: Yes (123 cf)			
			ROD	40.0	3,100.0	40.0	3076.3	TOC: Surface			
			STB3P	3,100.0	3,104.0	3076.3	3080.2	Prod. Csg. Cmt Vol: 1358 cf			
			INSPMP	3,104.0	3,122.0	3080.2	3098.1	Class 'C' Lead Cement: 1010 cf			
										Yield: 2.63, Density: 11.8 ppg.	
										Class 'C' Tail Cement: 348 cf	
										Yield: 1.47, Density: 13.5 ppg.	
										Hole Size: 10.75"	
										Casing Size: 7"	
										Top Job: No	
										Rtns to Sfc: Yes (297 cf)	
										ETOC: 14'	
										Screen/Slotted Liner Cmt Vol: NA	
										Hole Size: NA	
										Casing Size: NA	
										Top Job: NA	
										Rtns to Sfc: NA	
										TOC: NA	
										Cavity Shot: None	
										Junk: None	
										Volume Behind Pipe: Theoretical Calculations (ETOC)	
										A Valencia	
										Date: 04/2022	
3320.0ft, 3294.4ft		2,723.0ft, 2,727.0ft, 4/14/2011, OPEN 2,729.0ft, 2,733.0ft, 4/14/2011, OPEN 2,807.0ft, 2,811.0ft, 4/10/2011, OPEN 2,835.0ft, 2,838.0ft, 4/10/2011, OPEN 3,053.0ft, 3,055.0ft, 4/4/2011, OPEN 3,059.0ft, 3,061.0ft, 4/4/2011, OPEN 3,101.0ft, 3,103.0ft, 3/16/2011, OPEN 3,110.0ft, 3,114.0ft, 3/16/2011, OPEN 3,147.0ft, 3,150.0ft, 3/16/2011, OPEN									

CALIFORNIA RESOURCES ELK HILLS, LLC

53SW-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/30/2022

Ground Level: 1,097.2ft
 Datum: Original DF @ 1,111.20ft (default)
 KB: 14.0ft
 API-10: 0403046157

Wellbore: ORIGINAL HOLE
 PBMD: 3,016.0ft
 Btm TMD: 3,074.0ft
 Spud Date: 9/9/2012 18:30
 BH Coord X: 6,126,614.73usft
 BH Coord Y: 2,284,709.50usft

Cement Depths - MD, TVD (ft)	Schematic (11/30/2022)	Openings Top/Btm/Type/Status	Well: 53SW-1B S/T/R: 1/30S/23E									
14.0ft, 14.0ft (TOC)			Hole		Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
			16" Hole	14.0	54.0	14.0	54.0					
			14.75" Hole	54.0	408.0	54.0	408.0					
			10.5" Hole	408.0	3,074.0	408.0	3,063.2					
			CONDUCTOR CASING Report Date: 9/8/2012 00:00									
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	18.000				14.0	54.0	14.0	54.0	
			SURFACE CASING Report Date: 9/10/2012 00:00									
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	10.750	K-55	40.50	BTC	14.0	367.9	14.0	367.9	
	CASING JOINT(S)	9.625	J-55	36.00	BTC	367.9	722.2	367.9	722.1			
	CASING JOINT(S)	10.750	K-55	40.50	BTC	722.2	759.7	722.1	759.6			
	FLOAT COLLAR	9.625	J-55	36.00	BTC	759.7	761.2	759.6	761.0			
	FLOAT COLLAR	10.750	K-55	40.50	BTC	761.2	762.6	761.0	762.5			
	CASING JOINT(S)	9.625	J-55	36.00	BTC	762.6	800.2	762.5	800.0			
	FLOAT SHOE	10.750	K-55	40.50	BTC	800.2	801.2	800.0	801.0			
	GUIDE SHOE	9.625	J-55	36.00	BTC	801.2	802.3	801.0	802.0			
	PRODUCTION CASING Report Date: 9/13/2012 00:00											
	Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
	CASING JOINT(S)	7.000	J-55	23.00	BTC	14.0	2,498.8	14.0	2490.5			
	FLAG JOINT	7.000	J-55	23.00	BTC	2,498.8	2,515.7	2490.5	2507.4			
	CASING JOINT(S)	7.000	J-55	23.00	BTC	2,515.7	3,016.5	2507.4	3005.9			
	FLOAT COLLAR	7.000	J-55	23.00	BTC	3,016.5	3,017.6	3005.9	3007.1			
	CASING JOINT(S)	7.000	J-55	23.00	BTC	3,017.6	3,059.5	3007.1	3048.7			
	FLOAT SHOE	7.000	J-55	23.00	BTC	3,059.5	3,061.0	3048.7	3050.2			
	TUBING STRING								Casing Cement Detail			
								TVD (top)	TVD (base)			
	TH-ROT	14.0	14.0	14.0				14.0				
	TBGPOL	14.0	2,837.8	14.0				2828.0				
	XO	2,837.8	2,838.2	2828.0				2828.4				
	STNIP	2,838.2	2,838.9	2828.4				2829.0				
	XO	2,838.9	2,839.3	2829.0				2829.5				
	CAS	2,839.3	2,870.5	2829.5				2860.5				
	DESAND	2,870.5	2,873.4	2860.5				2863.4				
	CAS	2,873.4	2,904.5	2863.4				2894.4				
	ROD STRING											
	Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)							
	POLROD	0.0	30.0	0.0	30.0							
	PNYROD	30.0	46.0	30.0	46.0							
	ROD	46.0	2,746.0	46.0	2736.6							
	SHRCPL	2,746.0	2,747.0	2736.6	2737.6							
	ROD	2,747.0	2,807.0	2737.6	2797.3							
	SNKBAR	2,807.0	2,811.0	2797.3	2801.3							
	INSFMP	2,811.0	2,827.0	2801.3	2817.2							
	Formation Name:		MD:(ft)	TVD:(ft)								
	AMNICOLA		614.7	614.7								
	SANJOAQUIN		1,155.2	1,153.3								
	2,743.0ft, 2,747.0ft, 9/26/2012, OPEN											
	2,753.0ft, 2,756.0ft, 9/26/2012, OPEN											
	2,826.0ft, 2,829.0ft, 9/21/2012, OPEN											
	2,831.0ft, 2,833.0ft, 9/21/2012, OPEN											
	2,845.0ft, 2,847.0ft, 9/21/2012, OPEN											
3074.0ft, 3063.2ft												
A Valencia Date: 04/2022												

Well: 53SW-1B S/T/R: 1/30S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: Unknown
 Hole Size: 18"
 Casing Size: 16"
 Top Job: No
 Rtns to Sfc: Yes
 TOC: Surface

Surf. Csg. Cmt Vol: 463 cf
 Class 'C' Lead Cement: 200 cf
 Yield 2.18, Density: 12.4 ppg.
 Class 'C' Tail Cement: 263 cf
 Yield: 1.71, Density: 13.5 ppg.
 Hole Size: 14.75"
 Casing Size: 10.75"
 Top Job: No
 Rtns to Sfc: Yes (18 Bbls)
 TTOC: 14'

Prod. Csg. Cmt Vol: 1474 cf
 Class 'C' Lead Cement: 1209 cf
 Yield: 2.64, Density: 11.8 ppg.
 Class 'C' Tail Cement: 265 cf
 Yield: 1.5, Density: 13.5 ppg.
 Hole Size: 10.5"
 Casing Size: 7"
 Top Job: No
 Rtns to Sfc: Yes (60 Bbls)
 TTOC: 14'

Screen/Slotted Liner Cmt Vol: NA
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:
 Theoretical Calculations (ETOC)

A Valencia
 Date: 04/2022

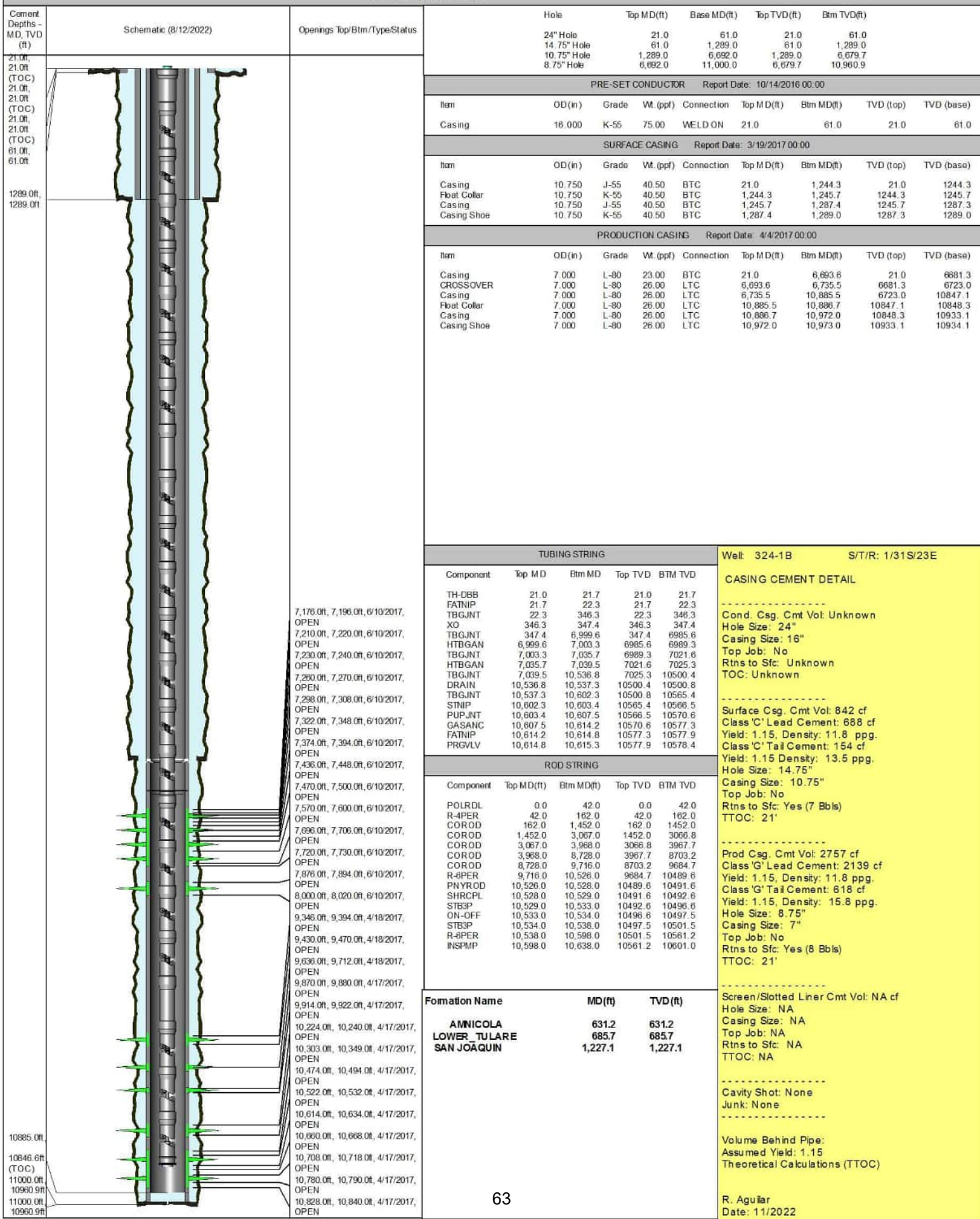
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 8/12/2022

324-1B

Ground Level: 1,124.8ft
 Datum: Original DF @ 1,145.79ft (Kenai 17 KB 21)(default)
 KB: 21.0ft
 API-10: 0403056697

Wellbore: ORIGINAL HOLE
 PBMD: 10,885.0ft
 Btm TMD: 11,000.0ft
 Spud Date/Time: 3/18/2017
 BH Coord X: 6,125,376.57usft
 BH Coord Y: 2,284,610.39usft



Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 11/18/2022

318-1B

Ground Level: 1,071.6ft
Datum: Original DF @ 1,085.61ft (Ensign 540 - 14' KB)(default)
KB: 14.0ft
API-10: 0403066463

Wellbore: ORIGINAL HOLE
PBMD: 9,601.0ft
Btm TMD: 9,867.0ft
Spud Date/Time: 3/3/2020
BH Coord X: 6,124,379.83usft
BH Coord Y: 2,281,406.20usft

Cement Depths - MD, TVD (ft)	Schematic (11/18/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 54.0ft 54.0ft (TOC) 94.0ft 94.0ft			24" Hole	0.0	94.0	94.0	94.0				
2001.0ft 2000.7ft			14.75" Hole	94.0	2,001.0	94.0	2,000.7	2,000.7			
			8.75" Hole	2,001.0	10,019.0	2,000.7	9,678.4				
			PRE-SET CONDUCTOR Report Date: 2/4/2020 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0
			SURFACE CASING Report Date: 3/3/2020 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	K-55	40.50	BTC	14.0	1,956.8	14.0	1956.5
			FLOAT COLLAR	10.750	K-55	40.50	BTC	1,956.8	1,958.4	1956.5	1958.1
			Casing	10.750	K-55	40.50	BTC	1,958.4	1,999.2	1958.1	1998.9
			FLOAT SHOE	10.750	K-55	40.50	BTC	1,999.2	2,001.0	1998.9	2000.7
			PRODUCTION CASING Report Date: 3/15/2020 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	7.000	N-80	26.00	GEO CONN	14.0	140.1	14.0	140.1
			Pup Joint	7.000	HC P-11026.00		GEO CONN	140.1	160.1	140.1	160.1
			Casing	7.000	N-80	26.00	GEO CONN	160.1	6,694.9	160.1	6490.2
			Casing	7.000	HC P-11026.00		GEO CONN	6,694.9	9,601.0	6490.2	9279.7
			FLOAT COLLAR	7.000	HC P-11026.00		GEO CONN	9,601.0	9,602.3	9279.7	9280.9
			Casing	7.000	HC P-11026.00		GEO CONN	9,602.3	9,682.4	9280.9	9357.4
			FLOAT COLLAR	7.000	HC P-11026.00		GEO CONN	9,682.4	9,683.7	9357.4	9358.5
			DRILL-IN SHOE	8.500	HC P-11026.00		GEO CONN	9,683.7	9,686.0	9358.5	9360.8
			TUBING STRING					Well: 318-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			TH-DBB	14.0	14.7	14.0	14.7	Cond. Csg. Cmt Vol: Unknown			
			FATNIP	14.7	15.3	14.7	15.3	Hole Size: 24"			
			TBGJNT	15.3	7,750.6	15.3	7470.9	Casing Size: 16"			
			AC	7,750.6	7,754.1	7470.9	7474.2	Top Job: No			
			TBGJNT	7,754.1	9,442.9	7474.2	9128.7	Rtns to Sfc: Unknown			
			DRAIN	9,442.9	9,443.4	9128.7	9129.2	TOC: 14'			
			TBGJNT	9,443.4	9,508.3	9129.2	9191.2	Surface Csg. Cmt Vol: 1597 cf			
			STNIP	9,508.3	9,509.4	9191.2	9192.3	Class 'C' Lead Cement: 1347 cf			
			PUPJNT	9,509.4	9,513.6	9192.3	9196.3	Yield: 2.17, Density: 12.4 ppg.			
			STCOLL	9,513.6	9,514.1	9196.3	9196.7	Class 'C' Tail Cement: 250 cf			
			ROD STRING					Yield: 1.71 Density: 13.5 ppg.			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 14.75"			
			POLRDL	0.0	42.0	0.0	42.0	Casing Size: 10.75"			
			PNYROD	42.0	64.0	42.0	64.0	Top Job: No			
			R-4PER	64.0	2,704.0	64.0	2703.6	Rtns to Sfc: Yes (20 Bbls)			
			R-6PER	2,704.0	4,354.0	2703.6	4349.9	TTOC: 14'			
			COROD	4,354.0	5,537.0	4349.9	5454.8	Prod Csg. Cmt Vol: 2480 cf			
			COROD	5,537.0	7,038.0	5454.8	6801.9	Class 'C' Lead Cement: 1619 cf			
			COROD	7,038.0	9,480.0	6801.9	9164.2	Yield: 1.92, Density: 12.4 ppg.			
			PNYROD	9,480.0	9,482.0	9164.2	9166.1	Class 'C' Tail Cement: 861 cf			
			SHRCPL	9,482.0	9,483.0	9166.1	9167.0	Yield: 1.86, Density: 13.5 ppg.			
			STB3P	9,483.0	9,487.0	9167.0	9170.9	Hole Size: 8.75"			
			ON-OFF	9,487.0	9,488.0	9170.9	9171.8	Casing Size: 7"			
			STB3P	9,488.0	9,492.0	9171.8	9175.6	Top Job: No			
			INSPMP	9,492.0	9,526.0	9175.6	9208.1	Rtns to Sfc: Yes (37 Bbls)			
			Formation Name					TTOC: 14'			
				MD(ft)		TVD(ft)		Screen/Slotted Liner Cmt Vol: NA cf			
			AMNICOLA	628.6		628.5		Hole Size: NA			
			LOWER_TULARE	692.2		692.1		Casing Size: NA			
			SANJOAQUIN	1,265.2		1,265.0		Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
								Cavity Shot: None			
								Junk: None			
								Volume Behind Pipe:			
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
								R. Aguilar			
								Date: 11/2022			

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/4/2022

326-1B

Ground Level: 1,071.6ft
 Datum: Original DF @ 1,085.63ft (Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066464

Wellbore: ORIGINAL HOLE
 PBMD: 9,594.0ft
 Btm TMD: 9,692.0ft
 Spud Date/Time: 2/20/2020
 BH Coord X: 6,124,860.05usft
 BH Coord Y: 2,283,276.18usft

Cement Depths - MD, TVD (ft)	Schematic (5/4/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 94.0ft 94.0ft			24" Hole	0.0	94.0	0.0	94.0				
2025.0ft, 2024.9ft			14.75" Hole	94.0	2,025.0	94.0	2,024.9				
			8.75" Hole	2,025.0	9,692.0	2,024.9	9,664.8				
			PRE-SET CONDUCTOR Report Date: 2/4/2020 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0
			SURFACE CASING Report Date: 2/21/2020 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	K-55	40.50	BTC	14.0	1,980.4	14.0	1980.3
			FLOAT COLLAR	10.750	K-55	40.50	BTC	1,980.4	1,982.0	1980.3	1981.9
			Casing	10.750	K-55	40.50	BTC	1,982.0	2,023.1	1981.9	2023.0
			FLOAT SHOE	10.750	K-55	40.50	BTC	2,023.1	2,025.0	2023.0	2024.9
			PRODUCTION CASING Report Date: 3/1/2020 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	7.000	N-80	26.00	BTC	14.0	9,594.9	14.0	9569.0
			FLOAT COLLAR	7.000	N-80	26.00	BTC	9,594.9	9,596.2	9569.0	9570.3
			Casing	7.000	N-80	26.00	BTC	9,596.2	9,678.4	9570.3	9651.3
			FLOAT SHOE	7.000	N-80	26.00	BTC	9,678.4	9,680.0	9651.3	9652.9
			TUBING STRING						Well: 326-1B S/T/R: 1/31S/23E		
		Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL				
		TH-DBB	14.0	14.7	14.0	14.7	-----				
		FATNIP	14.7	15.4	14.7	15.3	Cond. Csg. Cmt Vol: Unknown				
		PUPJNT	15.4	33.7	15.3	33.7	Hole Size: 24"				
		TBGJNT	33.7	7,149.0	33.7	7137.1	Casing Size: 16"				
		HTBGJNT	7,149.0	7,152.1	7137.1	7140.2	Top Job: No				
		TBGJNT	7,152.1	9,336.2	7140.2	9313.3	Rtns to Sfc: Unknown				
		DRAIN	9,336.2	9,336.7	9313.3	9313.7	TOC: 14'				
		TBGJNT	9,336.7	9,398.2	9313.7	9374.7	-----				
		STNIP	9,398.2	9,399.3	9374.7	9375.8	Surface Csg. Cmt Vol: 1673 cf				
		PUPJNT	9,399.3	9,401.4	9375.8	9377.9	Class 'C' Lead Cement: 1347 cf				
		ROD STRING						Yield: 2.17, Density: 12.4 ppg.			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Tail Cement: 326 cf				
		POLRDL	0.0	42.0	0.0	42.0	Yield: 1.71 Density: 13.5 ppg.				
		PNYROD	42.0	60.0	42.0	60.0	Hole Size: 14.75"				
		ROD	60.0	150.0	60.0	150.0	Casing Size: 10.75"				
		COROD	150.0	1,300.0	150.0	1299.9	Top Job: No				
		COROD	1,300.0	3,280.0	1299.9	3279.8	Rtns to Sfc: Yes (30 Bbls)				
		COROD	3,280.0	5,660.0	3279.8	5657.2	TTOC: 14'				
		COROD	5,660.0	9,360.0	5657.2	9336.9	-----				
		PNYROD	9,360.0	9,362.0	9336.9	9338.8	Prod Csg. Cmt Vol: 2121 cf				
		SHRCPL	9,362.0	9,363.0	9338.8	9339.8	Class 'C' Lead Cement: 1443 cf				
		STB3P	9,363.0	9,367.0	9339.8	9343.8	Yield: 2.2, Density: 11.8 ppg.				
		ON-OFF	9,367.0	9,368.0	9343.8	9344.8	Class 'C' Tail Cement: 678 cf				
		STB3P	9,368.0	9,372.0	9344.8	9348.7	Yield: 1.86 Density: 13.5 ppg.				
		INSPMP	9,372.0	9,412.0	9348.7	9388.4	Hole Size: 9.875"				
		Formation Name						Casing Size: 7"			
		AMNICOLA	620.0	619.9			Top Job: No				
		LOWER_TULARE	683.0	682.9			Rtns to Sfc: Yes (1 Bbls)				
		SANJOAQUIN	1,252.8	1,252.7			TTOC: 14'				
		Screen/Slotted Liner Cmt Vol: NA cf						-----			
		Hole Size: NA						Cavity Shot: None			
		Casing Size: NA						Junk: None			
		Top Job: NA						-----			
		Rtns to Sfc: NA						Volume Behind Pipe:			
		TTOC: NA						Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
								R. Aguilar			
								Date: 11/2022			

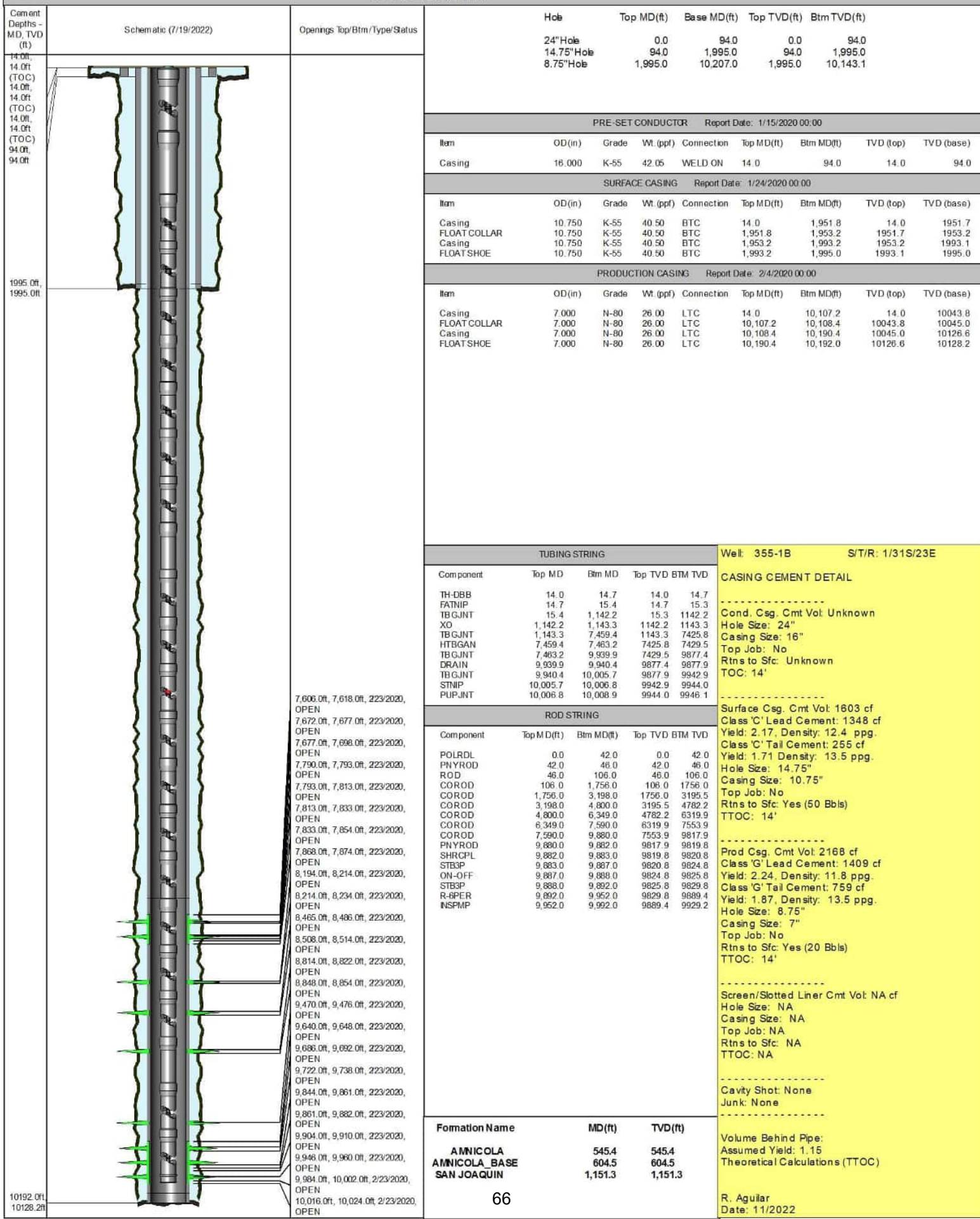
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 7/19/2022

355-1B

Ground Level: 1,048.4ft
 Datum: Original DF @ 1,062.43ft(Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066758

Wellbore: ORIGINAL HOLE
 PBMD: 10,098.0ft
 Btm TMD: 10,207.0ft
 Spud Date/Time: 1/23/2020
 BH Coord X: 6,127,272.64usft
 BH Coord Y: 2,283,710.91usft



**WELL CONSTRUCTION DETAILS
FOR WELLS LOCATED IN
SECTION 1B**

Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 7/15/1950

Ground Level: 1,172.1ft
Datum: Original KB @ 1,177.10ft (default)
KB: 5.0ft
API-10: 0402927876

Wellbore: ORIGINAL HOLE
PBMD: 5.0ft
Btm TMD: 2,730.0ft
Spud Date/Time: 8/21/1923
BH Coord X: 6,129,427.24usft
BH Coord Y: 2,286,514.43usft

1-1B

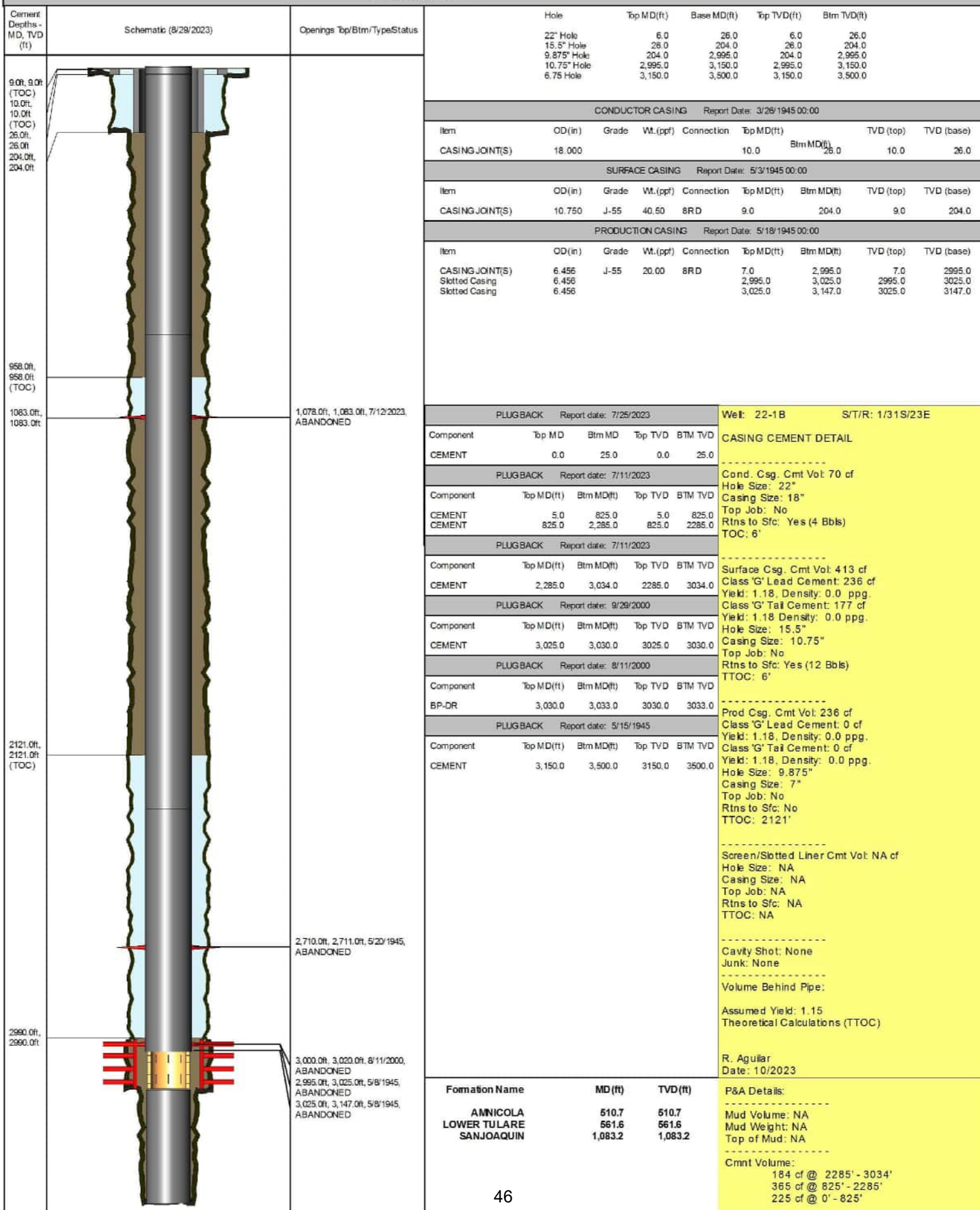
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 8/29/2023

22-1B

Ground Level: 1,115.0ft
 Datum: Original DF @ 1,121.00ft (default)
 KB: 6.0ft
 API-10: 0402927878

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 3,500.0ft
 Spud Date/Time: 5/3/1945
 BH Coord X: 6,125,054.25usft
 BH Coord Y: 2,285,905.93usft



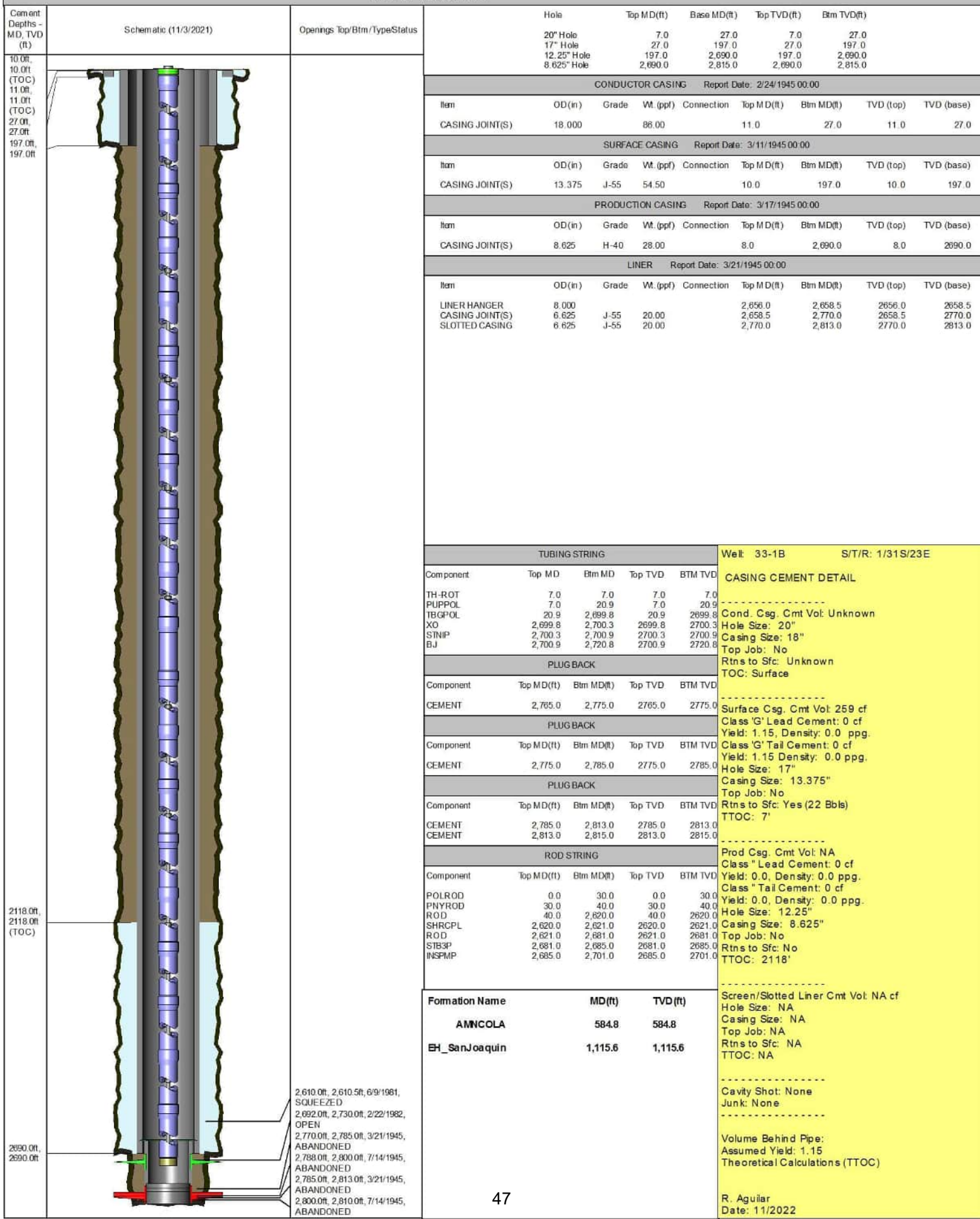
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/3/2021

33-1B

Ground Level: 1,102.0ft
 Datum: Original KB @ 1,109.00ft (default)
 KB: 7.0ft
 API-10: 0402927879

Wellbore: ORIGINAL HOLE
 PBMD: 2,784.0ft
 Btm TMD: 2,815.0ft
 Spud Date/Time: 3/11/1945
 BH Coord X: 6,125,784.25usft
 BH Coord Y: 2,285,220.93usft



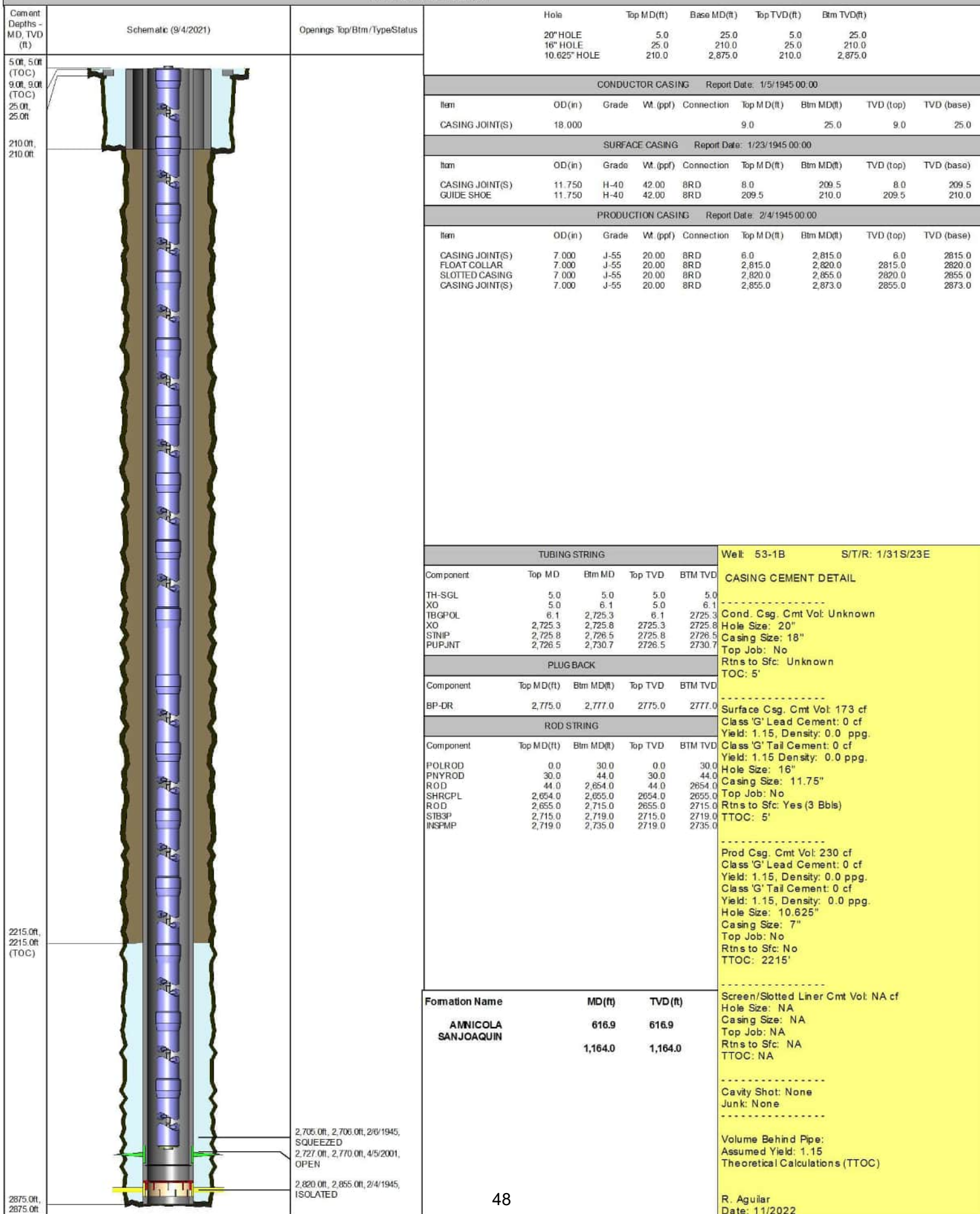
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/4/2021

53-1B

Ground Level: 1,178.0ft
 Datum: Original KB @ 1,183.00ft (default)
 KB: 5.0ft
 API-10: 0402927881

Wellbore: ORIGINAL HOLE
 PBMD: 2,775.0ft
 Btm TMD: 2,875.0ft
 Spud Date/Time: 1/22/1945
 BH Coord X: 6,127,053.75usft
 BH Coord Y: 2,285,199.43usft



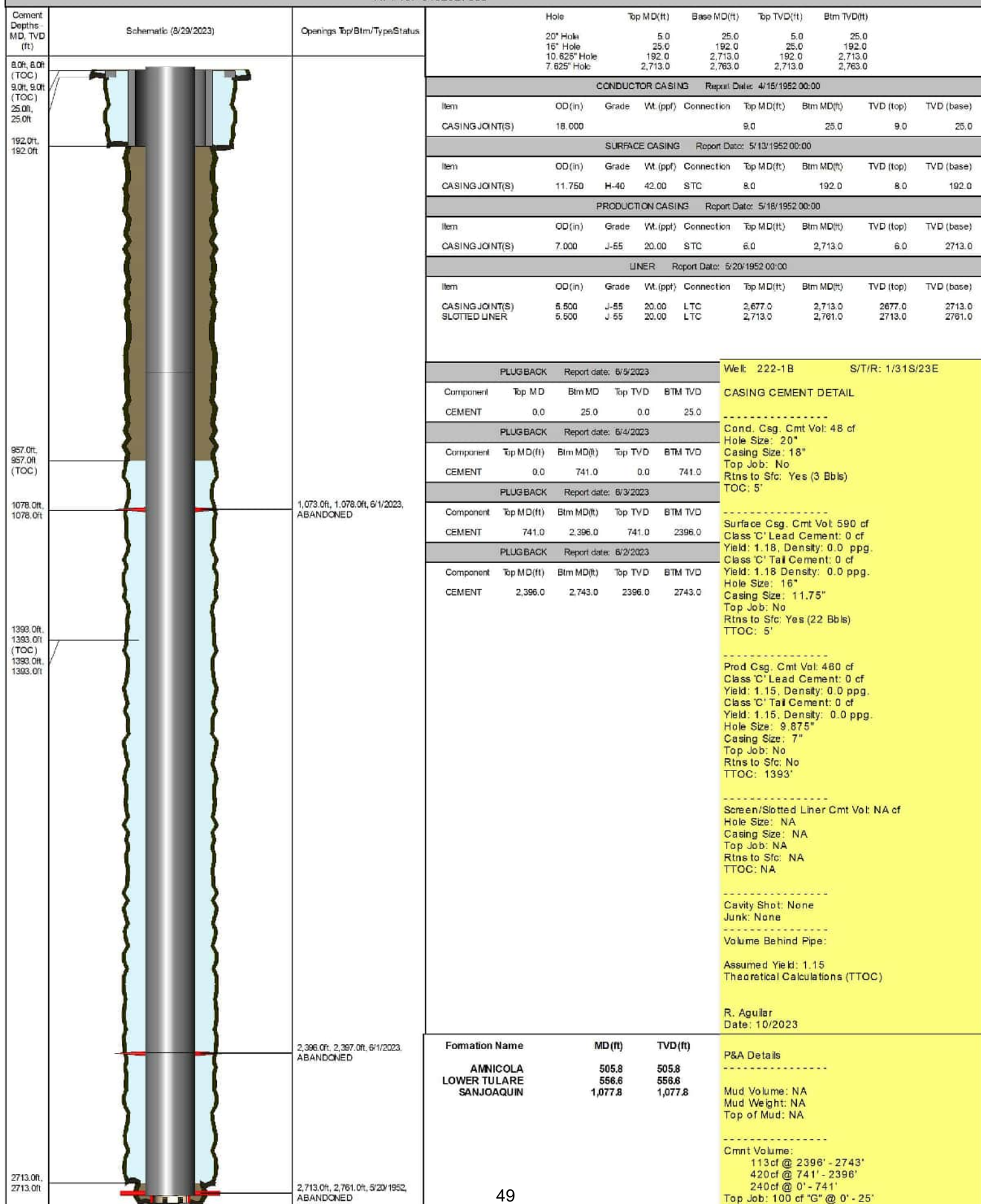
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 8/29/2023

222-1B

Ground Level: 1,116.0ft
 Datum: Original KB @ 1,121.00ft (default)
 KB: 5.0ft
 API-10: 0402927888

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 2,763.0ft
 Spud Date/Time: 5/12/1952
 BH Coord X: 6,125,116.25usft
 BH Coord Y: 2,285,960.93usft



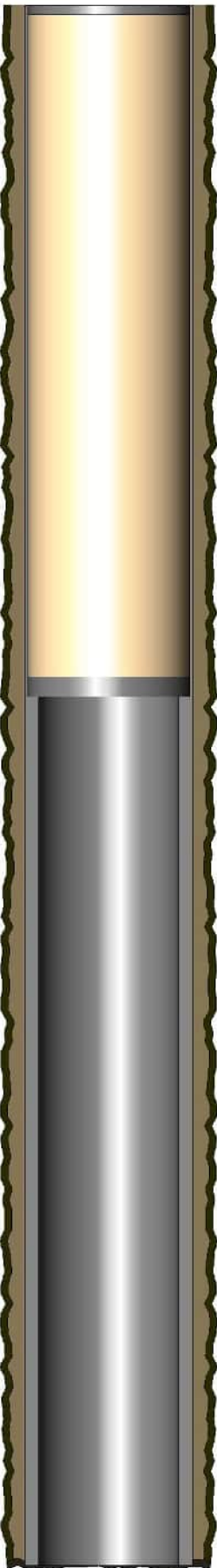
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 7/6/1934

1C-1B

Ground Level: 1,095.0ft
 Datum: Original KB @ 1,100.00ft (default)
 KB: 5.0ft
 API-10: 0402927889

Wellbore: ORIGINAL HOLE
 PBMD: 5.0ft
 Btm TMD: 2,763.0ft
 Spud Date/Time: 12/21/1921
 BH Coord X: 6,127,050.25usft
 BH Coord Y: 2,283,760.93usft

Cement Depths - MD, TVD (ft)	Schematic (7/6/1934)	Openings Top/Btm/Type/Status	<table><tr><td>Hole</td><td>Top MD(ft)</td><td>Base MD(ft)</td><td colspan="2">Top TVD(ft)</td><td colspan="2">Btm TVD(ft)</td></tr><tr><td>18" Hole</td><td>5.0</td><td>795.0</td><td>5.0</td><td colspan="2">795.0</td></tr></table>								Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)		Btm TVD(ft)		18" Hole	5.0	795.0	5.0	795.0																																																																																																																																																																																																																																																																																																																																																																																																						
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	<table><tr><th colspan="5">SURFACE CASING</th><th colspan="3">Report Date: 12/21/1921 00:00</th></tr><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>WT (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>16.000</td><td></td><td></td><td></td><td>5.0</td><td>795.0</td><td>5.0</td><td>795.0</td></tr></table>								SURFACE CASING					Report Date: 12/21/1921 00:00			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	16.000				5.0	795.0	5.0	795.0																																																																																																																																																																																																																																																																																																																																																																																										
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Csg. Cmt Vol: NA				CEMENT	345.0	355.0	345.0	355.0	Hole Size: 18"									Casing Size: 16"									Top Job: NA									Rtns to Sfc: NA									TOC: NA									-----									Surface Csg. Cmt Vol: NA									Class " Lead Cement: NA cf									Yield: 0, Density: NA ppg.									Class " Tail Cement: NA cf									Yield: 0, Density: NA ppg.									Hole Size: NA									Casing Size: NA									Top Job: NA									Rtns to Sfc: NA									TTOC: NA									-----									Prod Csg. Cmt Vol: NA									Class " Lead Cement: NA									Yield: 0, Density: NA ppg.									Class " Tail Cement: NA									Yield: 0, Density: NA ppg.									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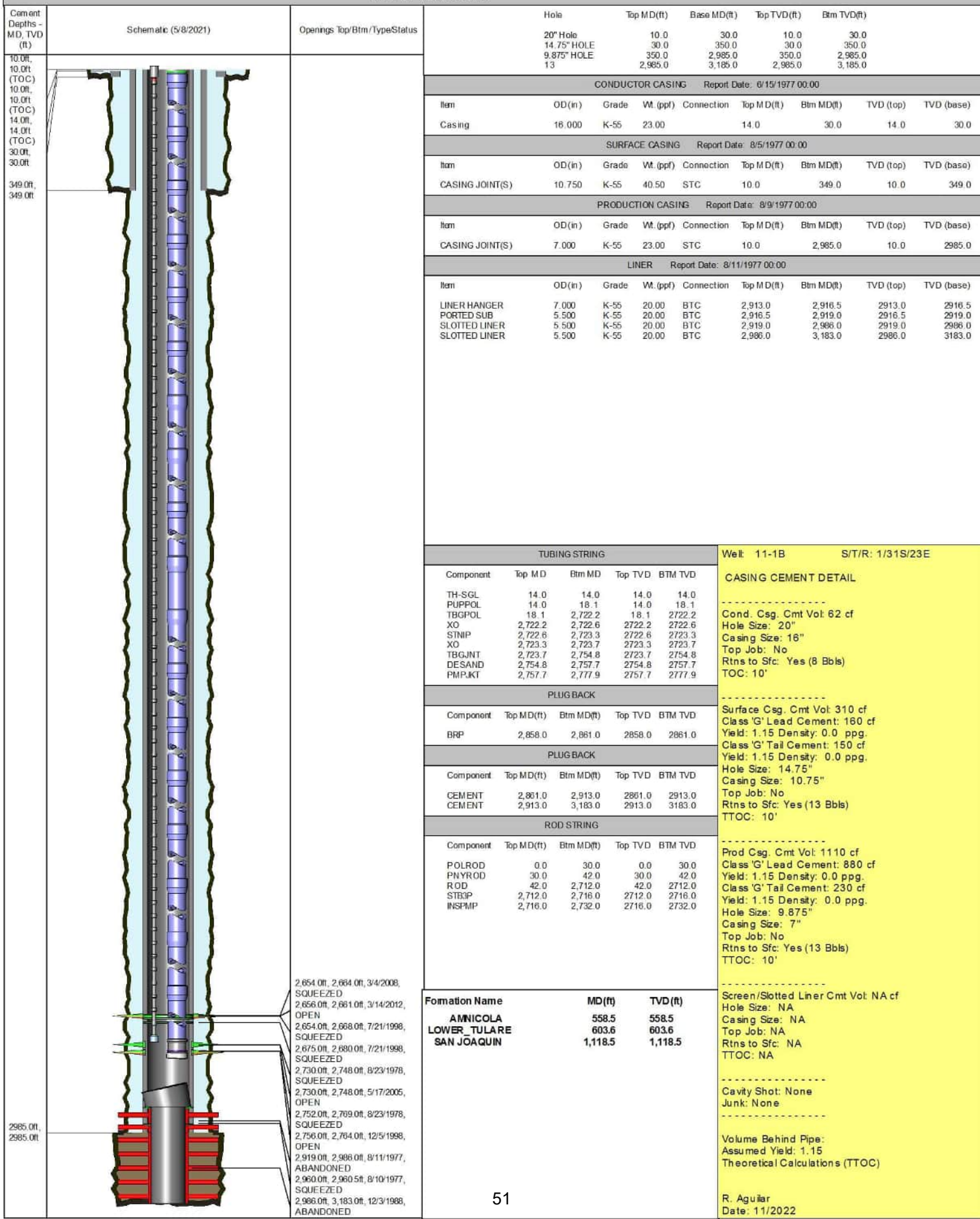
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/8/2021

11-1B

Ground Level: 1,184.0ft
 Datum: Original DF @ 1,194.00ft (default)
 KB: 10.0ft
 API-10: 0402955672

Wellbore: ORIGINAL HOLE
 PBMD: 2,858.0ft
 Btm TMD: 3,185.0ft
 Spud Date/Time: 8/4/1977
 BH Coord X: 6,124,385.75usft
 BH Coord Y: 2,286,532.93usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 5/29/2019

13-1B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,159.00ft (default)
 KB: 10.0ft
 API-10: 0402955673

Wellbore: ORIGINAL HOLE
 PBMD: 680.0ft
 Btm TMD: 3,232.5ft
 Spud Date/Time: 11/8/1978
 BH Coord X: 6,124,379.74usft
 BH Coord Y: 2,285,340.37usft

Cement Depths - MD, TVD (ft)	Schematic (5/29/2019)	Openings Top/Btm/Type/Status											
Hole										Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 30.0ft, 30.0ft 91.0ft, 91.0ft 360.0ft, 360.0ft			20" HOLE	0.0	30.0	30.0							
			14.75" HOLE	30.0	360.0	30.0	360.0						
			9.875" HOLE	360.0	2,660.0	360.0	2,659.7						
			7.875" HOLE	2,660.0	3,240.0	2,659.7	3,239.6						
			CONDUCTOR CASING Report Date: 7/16/1978 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			CASING JOINT(S)	16.000				10.0	30.0	10.0	30.0		
			SURFACE CASING Report Date: 11/8/1978 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			CASING JOINT(S)	10.750	K-55	40.50	STC	10.0	360.0	10.0	360.0		
			PRODUCTION CASING Report Date: 11/19/1978 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			CASING JOINT(S)	7.000	K-55	23.00	STC	10.0	3,398.0	10.0	3397.6		
680.0ft, 680.0ft													
			Date		Type		Remarks						
			TUBING STRING							Well: 13-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL					
			TH-SGL	10.0	10.7	10.0	10.7	Cond. Csg. Cmt Vol: Unknown					
			FATNIP	10.7	11.4	10.7	11.3	Hole Size: 20"					
			TBGPOL	11.4	2,905.9	11.3	2905.5	Casing Size: 16"					
			XO	2,905.9	2,906.3	2905.5	2906.0	Top Job: No					
			STNIP	2,906.3	2,907.0	2906.0	2906.6	Rtns to Sfc: Unknown					
			PMPJKT	2,907.0	2,927.0	2906.6	2926.6	TOC: 10'					
			PLUGBACK							Surface Csg. Cmt Vol: 390 cf			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Lead Cement: 240 cf					
			CEMENT	680.0	927.0	680.0	927.0	Yield: 1.15, Density: NA ppg.					
			PLUGBACK							Class 'G' Tail Cement: 150 cf			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: NA ppg.					
			CEMENT	2,792.0	3,218.0	2791.7	3217.6	Hole Size: 14.75"					
			ROD STRING							Casing Size: 10.75"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No					
			POLROD	0.0	30.0	0.0	30.0	Rtns to Sfc: Yes (5 Bbls)					
			PNYROD	30.0	50.0	30.0	50.0	TTOC: 10'					
			ROD	50.0	2,900.0	50.0	2899.7	Prod Csg. Cmt Vol: NA					
			STB3P	2,900.0	2,904.0	2899.7	2903.7	Class "Lead Cement: NA					
			INSPMP	2,904.0	2,920.0	2903.7	2919.6	Yield: , Density: NA ppg.					
										Class "Tail Cement: NA			
										Yield: , Density: NA ppg.			
										Hole Size: NA			
										Casing Size: NA			
										Top Job: NA			
										Rtns to Sfc: NA			
										TTOC: NA			
										Screen/Slotted Liner Cmt Vol: NA			
										Hole Size: NA			
										Casing Size: NA			
										Top Job: NA			
										Rtns to Sfc: NA			
										TTOC: NA			
										Cavity Shot: None			
										Junk: None			
										Volume Behind Pipe:			
										Assumed Yield: 1.15			
										Theoretical Calculations (TTOC)			
			Formation	Top MD(ft)	Base MD(ft)								
			AMNICOLA	646.5	646.5								
			SANJOAQUIN	1,174.5	1,174.6								

Field Name: ELKHILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 10/4/2016

21-1B

Ground Level: 1,180.0ft
Datum: Original DF @ 1,190.00ft (default)
KB: 10.0ft
API-10: 0402956092

Wellbore: ORIGINAL HOLE
PBMD: 3,073.0ft
Btm TMD: 3,175.0ft
Spud Date: 10/12/1977 00:00
BH Coord X: 6,125,062.25usft
BH Coord Y: 2,286,568.93usft

Borehole Section	Cement Depths - MD, TVD (ft)	Schematic (10/4/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
10.0ft, 10.0ft 30.0ft, 30.0ft	10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 30.0ft, 30.0ft			20" Hole	10.0	30.0	10.0	30.0				
				14.75" HOLE	30.0	337.0	30.0	337.0				
				9.875" HOLE	337.0	2,980.0	337.0	2,980.0				
				13" HOLE	2,980.0	3,075.0	2,980.0	3,075.0				
				7.875" HOLE	3,075.0	3,175.0	3,075.0	3,175.0				
				CONDUCTOR CASING Report Date: 10/11/1977 00:00								
				Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
				CASING JOINT(S)	16.000				10.0	30.0	10.0	30.0
				SURFACE CASING Report Date: 10/12/1977 00:00								
				Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	STC	10.0	337.0	10.0	337.0	
			PRODUCTION CASING Report Date: 10/16/1977 00:00									
			Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	K-55	23.00	STC	9.0	2,980.0	9.0	2980.0	
			INNER LINER Report Date: 2/10/2006 00:00									
			Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			SEAL ADAPTER	5.563				2,700.6	2,701.6	2700.6	2701.6	
			LANDING NIPPLE	5.500				2,701.6	2,702.8	2701.6	2702.8	
			SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,702.8	2,742.3	2702.8	2742.3	
			SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,742.3	2,906.9	2742.3	2906.9	
			CROSSOVER	5.500	K-55		HYD 511	2,906.9	2,907.8	2906.9	2907.8	
			SLOTTED LINER	3.500	K-55	9.30	HYD 511	2,907.8	3,070.0	2907.8	3070.0	
			DRILL-IN SHOE	3.500			HYD 511	3,070.0	3,073.0	3070.0	3073.0	
			TUBING STRING						Well: 21-1B S/T/R: 1/31S/23E			
								TVD (top)	TVD (base)			
			TH-ROT	10.0	10.0	10.0	10.0					
			PUPPOL	10.0	12.1	10.0	12.1					
			TBGPOL	12.1	2,893.6	12.1	2,893.6					
			XO	2,893.6	2,894.1	2,893.6	2,894.1					
			STNIP	2,894.1	2,894.8	2,894.1	2,894.8					
			XO	2,894.8	2,895.3	2,894.8	2,895.3					
			PMPJKT	2,895.3	2,914.9	2,895.3	2,914.9					
			PLUGBACK						Casing Cement Detail			
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)					
			CEMENT	3,083.0	3,156.0	3083.0	3156.0					
			ROD STRING						Cond. Csg. Cmt Vol: 54cf			
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)					
			POLROD	0.0	30.0	0.0	30.0					
			PNYROD	30.0	34.0	30.0	34.0					
			ROD	34.0	1,744.0	34.0	1,744.0					
			ROD	1,744.0	2,884.0	1,744.0	2,884.0					
			RSTBAR	2,884.0	2,888.0	2,884.0	2,888.0					
			INSPMP	2,888.0	2,900.0	2,888.0	2,900.0					
			2,702.8ft, 2,742.3ft, SLOTTED, 2/10/2006 00:00, OPEN						Surf. Csg. Cmt Vol: 300 cf			
			2,731.0ft, 2,755.0ft, PERFORATED, 1/9/2005 00:00, OPEN						Class 'G' Lead Cement 150 cf			
			2,731.0ft, 2,755.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			2,761.0ft, 2,770.0ft, PERFORATED, 1/9/2005 00:00, OPEN						Class 'G' Tail Cement 150 cf			
			2,761.0ft, 2,770.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			2,742.3ft, 2,906.9ft, SLOTTED, 2/10/2006 00:00, OPEN						Hole Size: 14.75"			
			2,930.0ft, 2,961.0ft, PERFORATED, 10/17/1977 00:00, SQUEEZED						Casing Size: 10.75"			
			2,907.8ft, 3,070.0ft, SLOTTED, 2/10/2006 00:00, OPEN						Top Job: No			
			2,990.0ft, 3,010.0ft, PERFORATED, 9/2/1998 00:00, OPEN						Rtns to Sfc: Yes (13 bbls)			
			2,990.0ft, 3,010.0ft, PERFORATED, 12/9/2005 00:00, OPEN						TOC: 10'			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/27/2004 00:00, OPEN						Prod. Csg. Cmt Vol: 1,080 cf			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Class 'G' Lead Cement 850 cf			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Class 'G' Tail Cement 230 cf			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Yield: 1.3, Density: NA ppg.			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Hole Size: 9.875"			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Casing Size: 7"			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Top Job: No			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Rtns to Sfc: Yes (7 bbls)			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						TOC: 10'			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Cavity Shot: None			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Junk: None			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Formation Markers: (MD/TVD)			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						USDW:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						BOFW:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						San Joaquin Formation:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Etchegoin Formation:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Reef Ridge Formation & Top Upper Confining Interval:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Monterey Formation, Base Upper Confining Interval & Top Injection Zone:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Base Injection Zone: NA			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Top Lower Confining Interval: NA			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Volume Behind Pipe:			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Theoretical Calculations (ETOC)			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						E. Glauser			
			3,040.0ft, 3,060.0ft, PERFORATED, 12/9/2005 00:00, OPEN						Date: 09/2020			

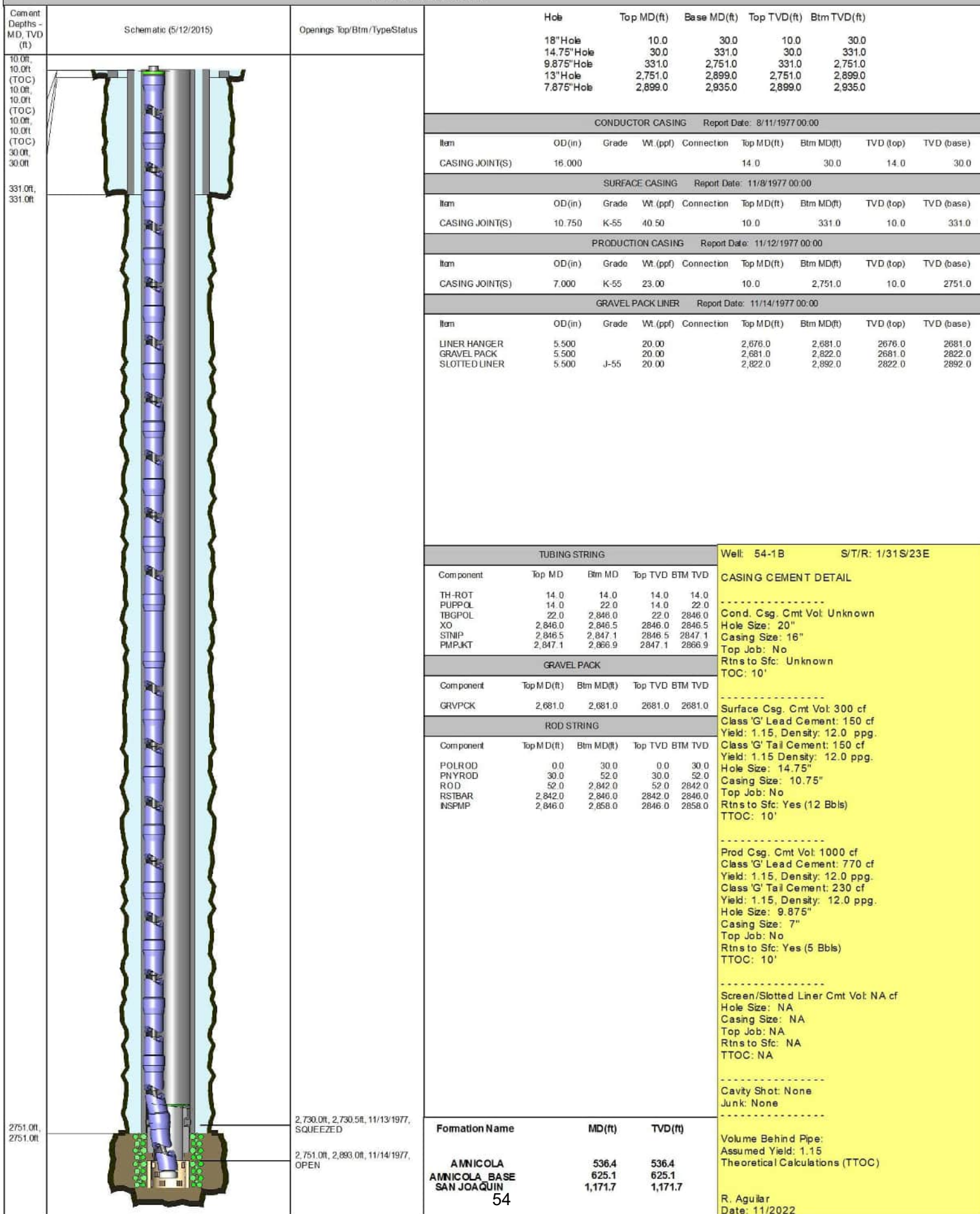
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/12/2015

54-1B

Ground Level: 1,126.0ft
 Datum: Original KB @ 1,136.00ft (default)
 KB: 10.0ft
 API-10: 0402956150

Wellbore: ORIGINAL HOLE
 PBMD: 2,935.0ft
 Btm TMD: 2,935.0ft
 Spud Date/Time: 11/8/1977
 BH Coord X: 6,127,104.25usft
 BH Coord Y: 2,284,591.93usft



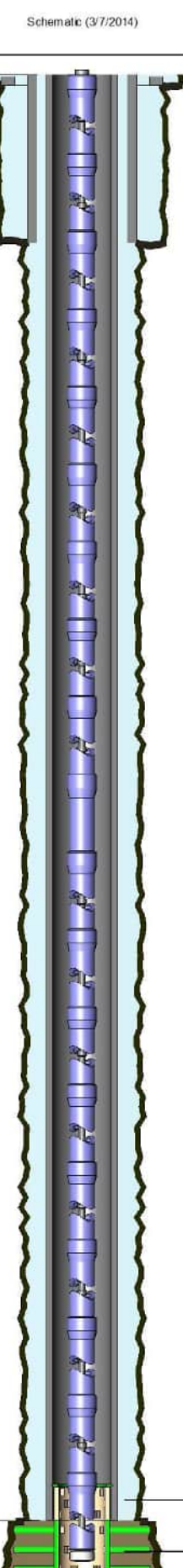
2,730.0ft, 2,730.5ft, 11/13/1977,
 SQUEEZED

2,751.0ft, 2,893.0ft, 11/14/1977,
 OPEN

Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 3/7/2014

Ground Level: 1,135.0ft
Datum: Original KB @ 1,144.00ft (default)
KB: 9.0ft
API-10: 0402957842

Wellbore: ORIGINAL HOLE
PBMD: 2,828.0ft
Btm TMD: 2,830.0ft
Spud Date/Time: 6/14/1978
BH Coord X: 6,126,464.25usft
BH Coord Y: 2,285,230.93usft

Cement Depths - MD, TVD (ft)	Schematic (3/7/2014)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
9.0ft, 9.0ft (TOC)			18" Hole	9.0	29.0	9.0	29.0			
9.0ft, 9.0ft (TOC)			14.75" Hole	29.0	324.0	29.0	324.0			
13.0ft, 13.0ft (TOC)			9.875" Hole	324.0	2,720.0	324.0	2,720.0			
29.0ft, 29.0ft			13" Hole	2,720.0	2,830.0	2,720.0	2,830.0			
324.0ft, 324.0ft			CONDUCTOR CASING Report Date: 5/22/1978 00:00							
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	16.000				13.0	29.0	13.0	29.0
		SURFACE CASING Report Date: 6/14/1978 00:00								
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	10.750	K-55	40.50		9.0	324.0	9.0	324.0
	PRODUCTION CASING Report Date: 6/18/1978 00:00									
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
	CASING JOINT(S)	7.000	K-55	23.00		9.0	2,718.0	9.0	2718.0	
	LINER Report Date: 6/20/1978 00:00									
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
	LINER HANGER	6.300					2,850.0	2,850.0	2,850.0	
	SLOTTED LINER	5.500	K-55	20.00			2,718.0	2,855.0	2718.0	
	SLOTTED LINER	5.500	K-55	20.00			2,718.0	2,828.0	2828.0	
	TUBING STRING									
	Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 43-1B S/T/R: 1/31S/23E				
	TH-ROT	9.0	9.0	9.0	9.0	CASING CEMENT DETAIL				
	FATNIP	9.0	9.7	9.0	9.7	-----				
	TBGPOL	9.7	2,772.3	9.7	2772.3	Cond. Csg. Cmt Vol: Unknown				
	XO	2,772.3	2,772.7	2772.3	2772.7	Hole Size: 18"				
	STNIP	2,772.7	2,773.6	2772.7	2773.6	Casing Size: 16"				
	PMPJKT	2,773.6	2,793.8	2773.6	2793.8	Top Job: No				
	ROD STRING					Rtns to Sfc: Unknown				
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TOC: 9'				
	POLROD	0.0	30.0	0.0	30.0	-----				
	PNYROD	30.0	46.0	30.0	46.0	Surface Csg. Cmt Vol: 280 cf				
	ROD	46.0	2,776.0	46.0	2776.0	Class 'G' Lead Cement: 130 cf				
	RSTBAR	2,776.0	2,780.0	2776.0	2780.0	Yield: 1.15, Density: 0.0 ppg.				
	INSPMP	2,780.0	2,796.0	2780.0	2796.0	Class 'G' Tail Cement: 150 cf				
						Yield: 1.15 Density: 0.0 ppg.				
						Hole Size: 14.75"				
						Casing Size: 10.75"				
						Top Job: No				
						Rtns to Sfc: Yes (10 Bbls)				
						TTOC: 9'				

						Prod Csg. Cmt Vol: 950 cf				
						Class 'G' Lead Cement: 720 cf				
						Yield: 1.15, Density: 0.0 ppg.				
						Class 'G' Tail Cement: 230 cf				
						Yield: 1.15, Density: 0.0 ppg.				
						Hole Size: 9.875"				
						Casing Size: 7"				
						Top Job: No				
						Rtns to Sfc: Yes (14 Bbls)				
						TTOC: 9'				

						Screen/Slotted Liner Cmt Vol: NA cf				
						Hole Size: NA				
						Casing Size: NA				
						Top Job: NA				
						Rtns to Sfc: NA				
						TTOC: NA				

						Cavity Shot: None				
						Junk: None				

						Volume Behind Pipe:				
						Assumed Yield: 1.15				
						Theoretical Calculations (TTOC)				
						R. Aguilar				
						Date: 11/20/22				
2718.0ft, 2718.0ft		2,680.0ft, 2,680.5ft, 6/19/1978, SQUEEZED								
		2,718.0ft, 2,828.0ft, 6/20/1978, OPEN								

55

Field Name: ELK HILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 9/27/2018

Ground Level: 1,092.0ft
Datum: Original DF @ 1,105.00ft (default)
KB: 13.0ft
API-10: 0402966850

Wellbore: ORIGINAL HOLE
PBMD: 3,277.0ft
Btm TMD: 3,330.0ft
Spud Date/Time: 6/21/1982
BH Coord X: 6,124,369.75usft
BH Coord Y: 2,283,895.93usft

15-1B

[illegible]

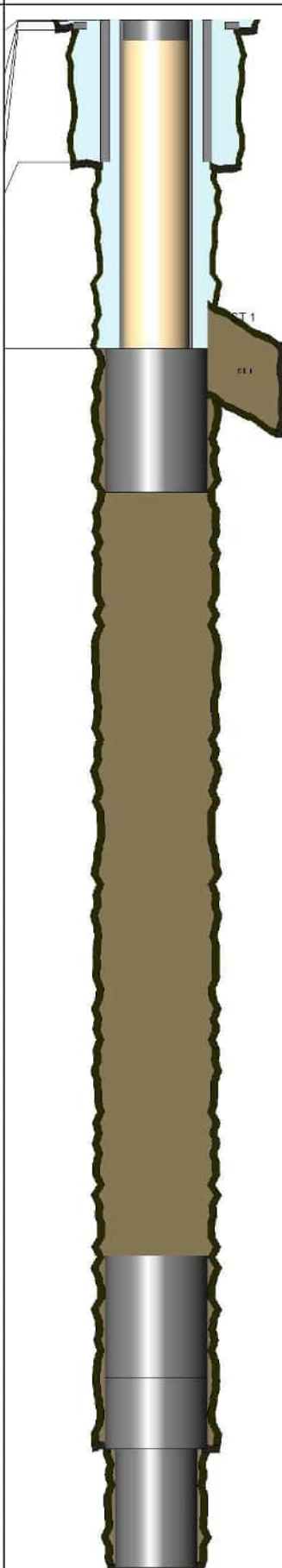
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 3/2/2005

26-1B

Ground Level: 1,078.0ft
 Datum: Original DF @ 1,090.00ft (default)
 KB: 12.0ft
 API-10: 0402972052

Wellbore: ORIGINAL HOLE
 PBMD: 700.0ft
 Btm TMD: 3,250.0ft
 Spud Date/Time: 6/4/1984
 BH Coord X: 6,125,186.09usft
 BH Coord Y: 2,283,256.83usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
12.0ft, 12.0ft (TOC)			18" HOLE	12.0	32.0	12.0	32.0				
12.0ft, 12.0ft (TOC)			14.75" HOLE	32.0	317.0	32.0	316.9				
14.0ft, 14.0ft (TOC)			9.875" HOLE	317.0	3,000.0	316.9	2,999.1				
32.0ft, 32.0ft			7.875" HOLE	3,000.0	3,250.0	2,999.1	3,249.1				
309.0ft, 309.0ft			CONDUCTOR CASING Report Date: 5/30/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				16.0	32.0	16.0	32.0
			SURFACE CASING Report Date: 6/8/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	STC	12.0	309.0	12.0	309.0
			PRODUCTION CASING Report Date: 6/17/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00	STC	12.0	3,085.0	12.0	3084.1
			CASING JOINT(S)	7.000	K-55	23.00	STC	3,085.0	3,086.0	3084.1	3085.1
			CASING JOINT(S)	7.000	K-55	23.00	STC	3,086.0	3,128.0	3085.1	3127.1
700.0ft, 700.0ft			Date Type Remarks								
			PLUG BACK					Well: 26-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	12.0	55.0	12.0	55.0	Cond. Csg. Cmt Vol: 78cf			
			MUD	55.0	2,901.0	55.0	2900.2	Hole Size: 18"			
			PLUG BACK					Casing Size: 16"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
			CEMENT	700.0	1,000.0	700.0	1000.0	Rtns to Sfc: Yes (32 Bbls)			
			PLUG BACK					TOC: 12'			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 364 cf			
			CEMENT	2,597.0	2,851.0	2596.4	2850.2	Class 'G' Lead Cement: 215 cf			
			CEMENT	2,851.0	3,000.0	2850.2	2999.1	Yield: 1.3, Density: NA ppg.			
			CEMENT	3,000.0	3,248.0	2999.1	3247.1	Class 'G' Tail Cement: 150 cf			
								Yield: 1.3, Density: NA ppg.			
								Hole Size: 14.75"			
								Casing Size: 10.75"			
								Top Job: No			
								Rtns to Sfc: Yes (9 Bbls)			
								TTOC: 13'			
			PLUG BACK					Prod Csg. Cmt Vol: NA			
								Class " Lead Cement: NA			
								Yield: , Density: NA ppg.			
								Class " Tail Cement: NA			
								Yield: , Density: NA ppg.			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
			PLUG BACK					Screen/Slotted Liner Cmt Vol: NA			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
			PLUG BACK					Cavity Shot: None			
								Junk: None			
			PLUG BACK					Volume Behind Pipe:			
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
			Formation Name	MD(ft)		TVD(ft)		R. Aguilar			
			AMNICOLA	682.7		682.7		Date: 11/2022			
			SANJOAQUIN	1,249.8		1,249.7		P&A Mud & Cement Details			

								Mud Volume: 109 cf @ 2841'			
								88 cf @ 2597'			
								Mud Weight: NA			
								Top of Mud: NA			
								Cement: 169 cf @ 2852' - 3248'			
								265 cf @ 2597' - 2851'			
								Top of Cement: 318 cf @ 700' - 1000'			

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CALIFORNIA RESOURCES ELK HILLS, LLC

33NW-1B

Field Name: ELKHILLS
 Site Name: 01B
 End Status: ACTIVE
 Status date: 4/29/2016

Ground Level: 1,106.3ft
 Datum: Original KB @ 1,120.30ft (default)
 KB: 14.0ft
 API-10: 0403040999

Wellbore: ORIGINAL HOLE
 PBMD: 3,190.0ft
 Btm TMD: 3,237.0ft
 Spud Date: 6/22/2010 21:00
 BH Coord X: 6,125,128.87usft
 BH Coord Y: 2,285,433.17usft

Cement Depths - MD, TVD (ft)	Schematic (4/29/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC) 14.0ft, 14.0ft (TOC)			16" HOLE	14.0	54.0	14.0	54.0				
			14.5" HOLE	54.0	414.0	54.0	414.0				
			10.75" HOLE	414.0	3,237.0	414.0	3,174.2				
			CONDUCTOR CASING Report Date: 6/14/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000			14.0	54.0	14.0	54.0	
			SURFACE CASING Report Date: 6/23/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	358.1	14.0	358.1
			FLOAT COLLAR	10.750	J-55	40.50	STC	358.1	359.7	358.1	359.7
406.0ft, 406.0ft			CASING JOINT(S)	10.750	J-55	40.50	STC	359.7	404.9	359.7	404.9
			GUIDE SHOE	10.750	J-55	40.50	STC	404.9	406.0	404.9	406.0
			PRODUCTION CASING Report Date: 6/25/2010 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,489.5	14.0	2453.1
			FLAG JOINT	7.000	K-55	23.00	LTC	2,489.5	2,509.4	2453.1	2472.2
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,509.4	2,665.7	2472.2	2622.6
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,665.7	3,188.7	2622.6	3127.5
			FLOAT COLLAR	7.000	K-55	23.00	LTC	3,188.7	3,190.3	3127.5	3129.0
			CASING JOINT(S)	7.000	K-55	23.00	LTC	3,190.3	3,230.8	3129.0	3168.3
			GUIDE SHOE	7.000	K-55	23.00	LTC	3,230.8	3,232.0	3168.3	3169.4
			TUBING STRING								
				TVD (top)		TVD (base)					
			TH-ROT	14.0	14.0	14.0	14.0				
			FATNIP	14.0	14.7	14.0	14.7				
			PUPJNT	14.7	34.9	14.7	34.9				
			CAS	34.9	3,067.8	34.9	3010.6				
			STNIP	3,067.8	3,069.0	3010.6	3011.7				
			CAS	3,069.0	3,101.1	3011.7	3042.7				
			STCOLL	3,101.1	3,101.5	3042.7	3043.2				
			PLUG BACK								
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
			PLUGBK	3,190.0	3,237.0	3128.8	3174.2				
			ROD STRING								
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)				
			POLROD	0.0	30.0	0.0	30.0				
			PNYROD	30.0	32.0	30.0	32.0				
			ROD	32.0	542.0	32.0	542.0				
			R-4PER	542.0	2,102.0	542.0	2080.1				
			ROD	2,102.0	3,062.0	2080.1	3005.0				
			RSTBAR	3,062.0	3,065.0	3005.0	3007.9				
			NSFMP	3,065.0	3,081.0	3007.9	3023.4				
			Well: 33NW-1B S/T/R: 1/31S/23E								
			CASING CEMENT DETAIL								

			Cond. Csg. Cmt Vol: Unknown								
			Hole Size: 18"								
			Casing Size: 16"								
			Top Job: No								
			Rtns to Sfc: Yes								
			TOC: Surface								

			Surf. Csg. Cmt Vol: 532 cf								
			Class 'C' Lead Cement: 281 cf								
			Yield 2.18, Density: 12.4 ppg.								
			Class 'C' Tail Cement: 251 cf								
			Yield: 1.71, Density: 13.5 ppg.								
			Hole Size: 14.5"								
			Casing Size: 10.75"								
			Top Job: No								
			Rtns to Sfc: Yes (168 cf)								
			TOC: Surface								

			Prod. Csg. Cmt Vol: 1275 cf								
			Class 'C' Lead Cement: 1052 cf								
			Yield: 2.63, Density: 11.8 ppg.								
			Class 'C' Tail Cement: 223 cf								
			Yield: 1.47, Density: 13.5 ppg.								
			Hole Size: 10.75"								
			Casing Size: 7"								
			Top Job: No								
			Rtns to Sfc: Yes (168 cf)								
			ETOC: 14'								

			Screen/Slotted Liner Cmt Vol: NA								
			Hole Size: NA								
			Casing Size: NA								
			Top Job: NA								
			Rtns to Sfc: NA								
			ETOC: NA								

			Cavity Shot: None								
			Junk: None								

			Volume Behind Pipe:								
			Theoretical Calculations (ETOC)								

			Arturo Valencia								
			Date: 03/2022								
3237.0ft, 3174.2ft			Formation Name: MD:(ft) TVD:(ft)								
			AMNICOLA 534.4 534.4								
			SAN JOAQUIN 1,122.7 1,122.6								

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/18/2017

45-1B

Ground Level: 1,048.5ft
 Datum: Original KB @ 1,062.50ft (default)
 KB: 14.0ft
 API-10: 0403041562

Wellbore: ORIGINAL HOLE
 PBMD: 3,290.0ft
 Btm TMD: 3,336.0ft
 Spud Date/Time: 11/5/2010
 BH Coord X: 6,126,332.14usft
 BH Coord Y: 2,283,919.51usft

Cement Depths - MD, TVD (ft)	Schematic (9/18/2017)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)																																																															
14.0ft, 14.0ft (TOC)			20"HOLE	14.0	54.0	14.0	54.0																																																															
14.0ft, 14.0ft (TOC)			14.75"HOLE	54.0	494.0	54.0	494.0																																																															
14.0ft, 14.0ft (TOC)			10.75"HOLE	494.0	3,336.0	494.0	3,335.8																																																															
CONDUCTOR CASING Report Date: 10/29/2010 00:00																																																																						
<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>14.000</td><td></td><td></td><td></td><td>14.0</td><td>54.0</td><td>14.0</td><td>54.0</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	14.000				14.0	54.0	14.0	54.0																																													
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																														
CASING JOINT(S)	14.000				14.0	54.0	14.0	54.0																																																														
SURFACE CASING Report Date: 11/5/2010 00:00																																																																						
<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>14.0</td><td>440.1</td><td>14.0</td><td>440.1</td></tr><tr><td>FLOAT COLLAR</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>440.1</td><td>441.8</td><td>440.1</td><td>441.8</td></tr><tr><td>CASING JOINT(S)</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>441.8</td><td>486.9</td><td>441.8</td><td>486.9</td></tr><tr><td>GUIDE SHOE</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>486.9</td><td>488.0</td><td>486.9</td><td>488.0</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	440.1	14.0	440.1	FLOAT COLLAR	10.750	J-55	40.50	STC	440.1	441.8	440.1	441.8	CASING JOINT(S)	10.750	J-55	40.50	STC	441.8	486.9	441.8	486.9	GUIDE SHOE	10.750	J-55	40.50	STC	486.9	488.0	486.9	488.0																		
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																														
CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	440.1	14.0	440.1																																																														
FLOAT COLLAR	10.750	J-55	40.50	STC	440.1	441.8	440.1	441.8																																																														
CASING JOINT(S)	10.750	J-55	40.50	STC	441.8	486.9	441.8	486.9																																																														
GUIDE SHOE	10.750	J-55	40.50	STC	486.9	488.0	486.9	488.0																																																														
PRODUCTION CASING Report Date: 11/8/2010 00:00																																																																						
<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>14.0</td><td>2,554.3</td><td>14.0</td><td>2,554.1</td></tr><tr><td>FLAG JOINT</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>2,554.3</td><td>2,575.3</td><td>2,554.1</td><td>2,575.1</td></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>2,575.3</td><td>3,290.5</td><td>2,575.1</td><td>3,290.2</td></tr><tr><td>FLOAT COLLAR</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,290.5</td><td>3,291.9</td><td>3,290.2</td><td>3,291.6</td></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,291.9</td><td>3,331.2</td><td>3,291.6</td><td>3,331.0</td></tr><tr><td>FLOAT SHOE</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,331.2</td><td>3,333.0</td><td>3,331.0</td><td>3,332.8</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,554.3	14.0	2,554.1	FLAG JOINT	7.000	K-55	23.00	LTC	2,554.3	2,575.3	2,554.1	2,575.1	CASING JOINT(S)	7.000	K-55	23.00	LTC	2,575.3	3,290.5	2,575.1	3,290.2	FLOAT COLLAR	7.000	K-55	23.00	LTC	3,290.5	3,291.9	3,290.2	3,291.6	CASING JOINT(S)	7.000	K-55	23.00	LTC	3,291.9	3,331.2	3,291.6	3,331.0	FLOAT SHOE	7.000	K-55	23.00	LTC	3,331.2	3,333.0	3,331.0	3,332.8
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																														
CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,554.3	14.0	2,554.1																																																														
FLAG JOINT	7.000	K-55	23.00	LTC	2,554.3	2,575.3	2,554.1	2,575.1																																																														
CASING JOINT(S)	7.000	K-55	23.00	LTC	2,575.3	3,290.5	2,575.1	3,290.2																																																														
FLOAT COLLAR	7.000	K-55	23.00	LTC	3,290.5	3,291.9	3,290.2	3,291.6																																																														
CASING JOINT(S)	7.000	K-55	23.00	LTC	3,291.9	3,331.2	3,291.6	3,331.0																																																														
FLOAT SHOE	7.000	K-55	23.00	LTC	3,331.2	3,333.0	3,331.0	3,332.8																																																														
TUBING STRING																																																																						
<table><tr><th>Component</th><th>Top MD</th><th>Btm MD</th><th>Top TVD</th><th>BTM TVD</th></tr><tr><td>TH-ROT</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td></tr><tr><td>FATNIP</td><td>14.0</td><td>14.7</td><td>14.0</td><td>14.7</td></tr><tr><td>PUPJNT</td><td>14.7</td><td>41.1</td><td>14.7</td><td>41.1</td></tr><tr><td>CAS</td><td>41.1</td><td>3,083.0</td><td>41.1</td><td>3082.7</td></tr><tr><td>STNIP</td><td>3,083.0</td><td>3,084.1</td><td>3082.7</td><td>3083.8</td></tr><tr><td>CAS</td><td>3,084.1</td><td>3,116.5</td><td>3083.8</td><td>3116.3</td></tr><tr><td>DESAND</td><td>3,116.5</td><td>3,119.5</td><td>3116.3</td><td>3119.3</td></tr><tr><td>CAS</td><td>3,119.5</td><td>3,152.0</td><td>3119.3</td><td>3151.7</td></tr></table>								Component	Top MD	Btm MD	Top TVD	BTM TVD	TH-ROT	14.0	14.0	14.0	14.0	FATNIP	14.0	14.7	14.0	14.7	PUPJNT	14.7	41.1	14.7	41.1	CAS	41.1	3,083.0	41.1	3082.7	STNIP	3,083.0	3,084.1	3082.7	3083.8	CAS	3,084.1	3,116.5	3083.8	3116.3	DESAND	3,116.5	3,119.5	3116.3	3119.3	CAS	3,119.5	3,152.0	3119.3	3151.7																		
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PLUG BACK																																																																						
<table><tr><th>Component</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>Top TVD</th><th>BTM TVD</th></tr><tr><td>CEMENT</td><td>3,290.0</td><td>3,333.0</td><td>3289.8</td><td>3332.8</td></tr><tr><td>CEMENT</td><td>3,333.0</td><td>3,336.0</td><td>3332.8</td><td>3335.8</td></tr></table>								Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	CEMENT	3,290.0	3,333.0	3289.8	3332.8	CEMENT	3,333.0	3,336.0	3332.8	3335.8																																																
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ROD STRING																																																																						
<table><tr><th>Component</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>Top TVD</th><th>BTM TVD</th></tr><tr><td>POLROD</td><td>0.0</td><td>30.0</td><td>0.0</td><td>30.0</td></tr><tr><td>PNYROD</td><td>30.0</td><td>46.0</td><td>30.0</td><td>46.0</td></tr><tr><td>ROD</td><td>46.0</td><td>3,046.0</td><td>46.0</td><td>3045.8</td></tr><tr><td>SHRCPL</td><td>3,046.0</td><td>3,047.0</td><td>3045.8</td><td>3046.8</td></tr><tr><td>ROD</td><td>3,047.0</td><td>3,077.0</td><td>3046.8</td><td>3076.8</td></tr><tr><td>STB3P</td><td>3,077.0</td><td>3,081.0</td><td>3076.8</td><td>3080.8</td></tr><tr><td>NSPMP</td><td>3,081.0</td><td>3,097.0</td><td>3080.8</td><td>3096.8</td></tr></table>								Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	POLROD	0.0	30.0	0.0	30.0	PNYROD	30.0	46.0	30.0	46.0	ROD	46.0	3,046.0	46.0	3045.8	SHRCPL	3,046.0	3,047.0	3045.8	3046.8	ROD	3,047.0	3,077.0	3046.8	3076.8	STB3P	3,077.0	3,081.0	3076.8	3080.8	NSPMP	3,081.0	3,097.0	3080.8	3096.8																							
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD																																																																		
POLROD	0.0	30.0	0.0	30.0																																																																		
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NSPMP	3,081.0	3,097.0	3080.8	3096.8																																																																		
2,775.0ft, 2,780.0ft, 3/3/2011, OPEN			Well: 45-1B S/T/R: 1/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 20" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 14' ----- Surface. Csg. Cmt Vol: 517 cf Class 'C' Lead Cement: 348 cf Yield 2.18 , Density: 12.4 ppg. Class C Tail Cement: 169 cf Yield: 1.71 , Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (49 Bbls) TOC: 14' ----- Prod. Csg. Cmt Vol: 1334 cf Class 'C' Lead Cement: 1020 cf Yield: 2.63, Density: 11.8 ppg. Class 'C' Tail Cement: 314 cf Yield: 1.46, Density: 13.5 ppg. Hole Size: 10.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (82 Bbls) ETOC: 14' ----- Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) ----- R. Aguilar Date: 11/2022																																																																			
2,845.0ft, 2,850.0ft, 3/1/2011, OPEN																																																																						
3,007.0ft, 3,010.0ft, 2/21/2011, OPEN																																																																						
3,081.0ft, 3,085.0ft, 2/14/2011, OPEN																																																																						
3,119.0ft, 3,123.0ft, 2/14/2011, OPEN																																																																						
3333.0ft, 3332.8ft																																																																						

Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 10/5/2022

Ground Level: 1,136.7ft
Datum: Original DF @ 1,150.70ft (default)
KB: 14.0ft
API-10: 0403042510

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 2/20/2011
BH Coord X: 6,125,095.60usft
BH Coord Y: 2,284,634.56usft

24-1B

Cement Depths - MD, TVD (ft)	Schematic (10/5/2022)	Openings: Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			18" HOLE	14.0	54.0	14.0	54.0				
14.0ft, 14.0ft (TOC)			14.5" HOLE	54.0	424.0	54.0	424.0				
			10.75" HOLE	424.0	3,357.0	424.0	3,337.8				
			CONDUCTOR CASING Report Date: 2/15/2011 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				14.0	54.0	14.0	54.0
			SURFACE CASING Report Date: 2/20/2011 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	J55	40.50	STC	14.0	370.1	14.0	370.1
			FLOAT COLLAR	10.750	J55	40.50	STC	370.1	371.8	370.1	371.8
			CASING JOINT(S)	10.750	J55	40.50	STC	371.8	416.9	371.8	416.9
			GUIDE SHOE	10.750	J55	40.50	STC	416.9	418.0	416.9	418.0
			PRODUCTION CASING Report Date: 2/23/2011 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,575.9	14.0	2562.2
			FLAG JOINT	7.000	K-55	23.00	LTC	2,575.9	2,590.0	2562.2	2576.2
			CASING JOINT(S)	7.000	K-55	23.00	LTC	2,590.0	3,311.2	2576.2	3292.3
			FLOAT COLLAR	7.000	K-55	23.00	LTC	3,311.2	3,312.6	3292.3	3293.7
			CASING JOINT(S)	7.000	K-55	23.00	LTC	3,312.6	3,355.3	3293.7	3336.1
			FLOAT SHOE	7.000	K-55	23.00	LTC	3,355.3	3,357.0	3336.1	3337.8
			Date	Type		Remarks					
			11/5/2013	Pump Design		Review for down-size nextpul. SBC					
			PLUG BACK					Well: 24-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	1.0	2,383.0	1.0	2370.8	-----			
		PLUG BACK					Cond. Csg. Cmt Vol: Unknown				
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 18"				
		CEMENT	3,311.0	3,357.0	3292.1	3337.8	Casing Size: 16"				
							Top Job: No				
							Rtns to Sfc: Unknown				
							TOC: Unknown				

							Surface Csg. Cmt Vol: 443 cf				
							Class 'C' Lead Cement: 202 cf				
							Yield: 1.15, Density: 12.4 ppg.				
							Class 'C' Tail Cement: 241 cf				
							Yield: 1.15, Density: 13.5 ppg.				
							Hole Size: 14.75"				
							Casing Size: 10.75"				
							Top Job: No				
							Rtns to Sfc: Yes (15 Bbls)				
							TTOC: 14'				

							Prod Csg. Cmt Vol: 1354 cf				
							Class 'C' Lead Cement: 1042 cf				
							Yield: 1.15 Density: 11.8 ppg.				
							Class 'C' Tail Cement: 312 cf				
							Yield: 1.15, Density: 13.5 ppg.				
							Hole Size: 10.75"				
							Casing Size: 7"				
							Top Job: No				
							Rtns to Sfc: Yes (80 Bbls)				
							TTOC: 14'				

							Screen/Slotted Liner Cmt Vol: NA				
							Hole Size: NA				
							Casing Size: NA				
							Top Job: NA				
							Rtns to Sfc: NA				
							TTOC: NA				

							Cavity Shot: None				
							Junk: None				

							Volume Behind Pipe:				
							Assumed Yield: 1.15				
							Theoretical Calculations (TTOC)				
		Formation Name	MD(ft)	TVD(ft)	R. Aguilar						
		AMNICOLA	624.0	623.9	Date: 11/2022						
		LOWER_TULARE	676.7	676.5	P&A Mud & Cement Details						
		SAN JOAQUIN	1,218.9	1,214.9	-----						
									Mud Volume: NA		
									Mud Weight: NA		
									Top of Mud: NA		
									Cement: 203 cf "G" @ 2383' - 3300'		
									377 cf "G" @ 880" - 2523'		
									Top of Cement: 225 cf "G" @ 0' - 880'		

2,807.0ft, 2,809.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED

2,815.0ft, 2,818.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED

2,881.0ft, 2,884.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED

2,906.0ft, 2,908.0ft, PERFORATED, 3/15/2011 00:00, ABANDONED

3,120.0ft, 3,122.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED

3,147.0ft, 3,149.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED

3,170.0ft, 3,172.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED

3,195.0ft, 3,197.0ft, PERFORATED, 3/13/2011 00:00, ABANDONED

3337.0ft, 3337.8ft

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CALIFORNIA RESOURCES ELK HILLS, LLC

43SW-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/16/2017

Ground Level: 1,074.2ft
 Datum: Original DF @ 1,088.20ft (default)
 KB: 14.0ft
 API-10: 0403042511

Wellbore: ORIGINAL HOLE
 PBMD: 3,270.0ft
 Btm TMD: 3,322.0ft
 Spud Date: 2/16/2011 17:00
 BH Coord X: 6,126,165.10usft
 BH Coord Y: 2,284,838.17usft

Cement Depths - MD, TVD (ft)	Schematic (11/16/2017)	Openings Top/Btm/Type/Status	CONDUCTOR CASING Report Date: 2/14/2011 00:00								
14.0ft, 14.0ft (TOC)			Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			18" Hole	14.0	54.0	14.0	54.0				
			14.5" HOLE	54.0	412.0	54.0	412.0				
406.0ft, 406.0ft			10.75" HOLE	412.0	3,322.0	412.0	3,296.4				
			Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	16.000			14.0	54.0	14.0	54.0	
			SURFACE CASING Report Date: 2/17/2011 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	358.0	14.0	358.0
			FLOAT COLLAR	10.750	J-55	40.50	STC	358.0	359.7	358.0	359.7
		CASING JOINT(S)	10.750	J-55	40.50	STC	359.7	404.8	359.7	404.8	
		GUIDE SHOE	10.750	J-55	40.50	STC	404.8	406.0	404.8	406.0	
		PRODUCTION CASING Report Date: 2/19/2011 00:00									
		Item	OD(in)	Grade	Wt.(ppf)	Connection Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
		CASING JOINT(S)	7.000	J-55	23.00	LTC	14.0	2,542.7	14.0	2523.8	
		FLAG JOINT	7.000	J55	23.00	LTC	2,542.7	2,556.8	2523.8	2537.7	
		CASING JOINT(S)	7.000	J-55	23.00	LTC	2,556.8	3,274.2	2537.7	3249.0	
		FLOAT COLLAR	7.000	J55	23.00	LTC	3,274.2	3,275.6	3249.0	3250.4	
		CASING JOINT(S)	7.000	J-55	23.00	LTC	3,275.6	3,318.3	3250.4	3292.7	
		FLOAT SHOE	7.000	J55	23.00	LTC	3,318.3	3,320.0	3292.7	3294.4	
		TUBING STRING							Well: 43SW-1B S/T/R: 1/31S/23E		
				TVD (top)	TVD (base)	CASING CEMENT DETAIL					
		TH-ROT	14.0	14.0	14.0	14.0	Cond. Csg. Cmt Vol: Unknown				
		TBGJNT	14.0	3,111.5	14.0	3087.7	Hole Size: 18"				
		XO	3,111.5	3,112.0	3087.7	3088.1	Casing Size: 16"				
		STNIP	3,112.0	3,112.6	3088.1	3088.8	Top Job: No				
		TBGJNT	3,112.6	3,145.0	3088.8	3120.8	Rtns to Sfc: Yes				
		DESAND	3,145.0	3,147.9	3120.8	3123.8	TOC: Surface				
		TBGJNT	3,147.9	3,180.2	3123.8	3155.8	Surf. Csg. Cmt Vol: 437 cf				
		PLUG BACK					Class 'C' Lead Cement: 196 cf				
		Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Yield 2.18, Density: 12.4 ppg.				
		CEMENT	3,270.0	3,320.0	3244.8	3294.4	Class 'C' Tail Cement: 241 cf				
		CEMENT	3,320.0	3,322.0	3294.4	3296.4	Yield: 1.71, Density: 13.5 ppg.				
		ROD STRING					Hole Size: 14.5"				
		Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Casing Size: 10.75"				
		POLROD	0.0	30.0	0.0	30.0	Top Job: No				
		PNYROD	30.0	40.0	30.0	40.0	Rtns to Sfc: Yes (123 cf)				
		ROD	40.0	3,100.0	40.0	3076.3	TOC: Surface				
		STB3P	3,100.0	3,104.0	3076.3	3080.2	Prod. Csg. Cmt Vol: 1358 cf				
		INSPMP	3,104.0	3,122.0	3080.2	3098.1	Class 'C' Lead Cement: 1010 cf				
							Yield: 2.63, Density: 11.8 ppg.				
							Class 'C' Tail Cement: 348 cf				
							Yield: 1.47, Density: 13.5 ppg.				
							Hole Size: 10.75"				
							Casing Size: 7"				
							Top Job: No				
							Rtns to Sfc: Yes (297 cf)				
							ETOC: 14'				
							Screen/Slotted Liner Cmt Vol: NA				
							Hole Size: NA				
							Casing Size: NA				
							Top Job: NA				
							Rtns to Sfc: NA				
							TOC: NA				
							Cavity Shot: None				
							Junk: None				
							Volume Behind Pipe: Theoretical Calculations (ETOC)				
							A Valencia				
							Date: 04/2022				
							Formation Name: MD:(ft) TVD:(ft)				
			AMNICOLA	520.7	520.7						
			LOWER_TULARE	582.5	582.5						
			SAN JOAQUIN	1,117.4	1,114.3						
		2,723.0ft, 2,727.0ft, 4/14/2011, OPEN									
		2,729.0ft, 2,733.0ft, 4/14/2011, OPEN									
		2,807.0ft, 2,811.0ft, 4/10/2011, OPEN									
		2,835.0ft, 2,838.0ft, 4/10/2011, OPEN									
		3,053.0ft, 3,055.0ft, 4/4/2011, OPEN									
		3,059.0ft, 3,061.0ft, 4/4/2011, OPEN									
		3,101.0ft, 3,103.0ft, 3/16/2011, OPEN									
		3,110.0ft, 3,114.0ft, 3/16/2011, OPEN									
		3,147.0ft, 3,150.0ft, 3/16/2011, OPEN									
3320.0ft, 3294.4ft											

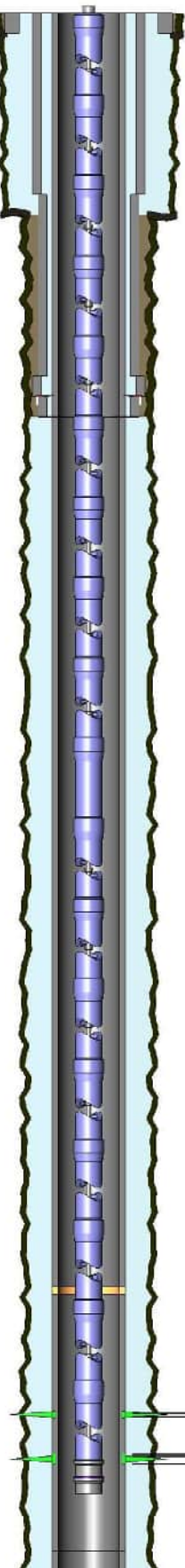
CALIFORNIA RESOURCES ELK HILLS, LLC

53SW-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/30/2022

Ground Level: 1,097.2ft
 Datum: Original DF @ 1,111.20ft (default)
 KB: 14.0ft
 API-10: 0403046157

Wellbore: ORIGINAL HOLE
 PBMD: 3,016.0ft
 Btm TMD: 3,074.0ft
 Spud Date: 9/9/2012 18:30
 BH Coord X: 6,126,614.73usft
 BH Coord Y: 2,284,709.50usft

Cement Depths - MD, TVD (ft)	Schematic (11/30/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			16" Hole	14.0	54.0	14.0	54.0				
			14.75" Hole	54.0	408.0	54.0	408.0				
			10.5" Hole	408.0	3,074.0	408.0	3,063.2				
			CONDUCTOR CASING Report Date: 9/8/2012 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				14.0	54.0	14.0	54.0
			SURFACE CASING Report Date: 9/10/2012 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	BTC	14.0	367.9	14.0	367.9
			CASING JOINT(S)	9.625	J-55	36.00	BTC	367.9	722.2	367.9	722.1
408.0ft, 408.0ft			CASING JOINT(S)	10.750	K-55	40.50	BTC	722.2	759.7	722.1	759.6
			FLOAT COLLAR	9.625	J-55	36.00	BTC	759.7	761.2	759.6	761.0
			FLOAT COLLAR	10.750	K-55	40.50	BTC	761.2	762.6	761.0	762.5
			CASING JOINT(S)	9.625	J-55	36.00	BTC	762.6	800.2	762.5	800.0
			FLOAT SHOE	10.750	K-55	40.50	BTC	800.2	801.2	800.0	801.0
			GUIDE SHOE	9.625	J-55	36.00	BTC	801.2	802.3	801.0	802.0
			PRODUCTION CASING Report Date: 9/13/2012 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	J-55	23.00	BTC	14.0	2,498.8	14.0	2490.5
			FLAG JOINT	7.000	J-55	23.00	BTC	2,498.8	2,515.7	2490.5	2507.4
			CASING JOINT(S)	7.000	J-55	23.00	BTC	2,515.7	3,016.5	2507.4	3005.9
			FLOAT COLLAR	7.000	J-55	23.00	BTC	3,016.5	3,017.6	3005.9	3007.1
			CASING JOINT(S)	7.000	J-55	23.00	BTC	3,017.6	3,059.5	3007.1	3048.7
			FLOAT SHOE	7.000	J-55	23.00	BTC	3,059.5	3,061.0	3048.7	3050.2
			TUBING STRING								
								TVD (top)	TVD (base)		
			TH-ROT	14.0	14.0			14.0	14.0		
			TBGPOL	14.0	2,837.8			2828.0	2828.0		
			XO	2,837.8	2,838.2			2828.0	2828.4		
			STNIP	2,838.2	2,838.9			2828.4	2829.0		
			XO	2,838.9	2,839.3			2829.0	2829.5		
			CAS	2,839.3	2,870.5			2829.5	2860.5		
			DESAND	2,870.5	2,873.4			2860.5	2863.4		
			CAS	2,873.4	2,904.5			2863.4	2894.4		
			ROD STRING								
			Component	Top MD(ft)	Btm MD(ft)			TVD (top)	TVD (base)		
			POLROD	0.0	30.0			0.0	30.0		
			PNYROD	30.0	46.0			30.0	46.0		
			ROD	46.0	2,746.0			46.0	2736.6		
			SHRCPL	2,746.0	2,747.0			2736.6	2737.6		
			ROD	2,747.0	2,807.0			2737.6	2797.3		
			SNKBAR	2,807.0	2,811.0			2797.3	2801.3		
			INSFMP	2,811.0	2,827.0			2801.3	2817.2		
			Formation Name: MD:(ft) TVD:(ft)								
			AMNICOLA		614.7			614.7			
			SANJOAQUIN		1,155.2			1,153.3			
			2,743.0ft, 2,747.0ft, 9/26/2012, OPEN								
			2,753.0ft, 2,756.0ft, 9/26/2012, OPEN								
			2,826.0ft, 2,829.0ft, 9/21/2012, OPEN								
			2,831.0ft, 2,833.0ft, 9/21/2012, OPEN								
			2,845.0ft, 2,847.0ft, 9/21/2012, OPEN								
3074.0ft, 3063.2ft											
			Well: 53SW-1B S/T/R: 1/30S/23E								
			CASING CEMENT DETAIL								
			Cond. Csg. Cmt Vol: Unknown								
			Hole Size: 18"								
			Casing Size: 16"								
			Top Job: No								
			Rtns to Sfc: Yes								
			TOC: Surface								
			Surf. Csg. Cmt Vol: 463 cf								
			Class 'C' Lead Cement: 200 cf								
			Yield 2.18, Density: 12.4 ppg.								
			Class 'C' Tail Cement: 263 cf								
			Yield: 1.71, Density: 13.5 ppg.								
			Hole Size: 14.75"								
			Casing Size: 10.75"								
			Top Job: No								
			Rtns to Sfc: Yes (18 Bbls)								
			TTOC: 14'								
			Prod. Csg. Cmt Vol: 1474 cf								
			Class 'C' Lead Cement: 1209 cf								
			Yield: 2.64, Density: 11.8 ppg.								
			Class 'C' Tail Cement: 265 cf								
			Yield: 1.5, Density: 13.5 ppg.								
			Hole Size: 10.5"								
			Casing Size: 7"								
			Top Job: No								
			Rtns to Sfc: Yes (60 Bbls)								
			TTOC: 14'								
			Screen/Slotted Liner Cmt Vol: NA								
			Hole Size: NA								
			Casing Size: NA								
			Top Job: NA								
			Rtns to Sfc: NA								
			TOC: NA								
			Cavity Shot: None								
			Junk: None								
			Volume Behind Pipe: Theoretical Calculations (ETOC)								
			A Valencia								
			Date: 04/2022								

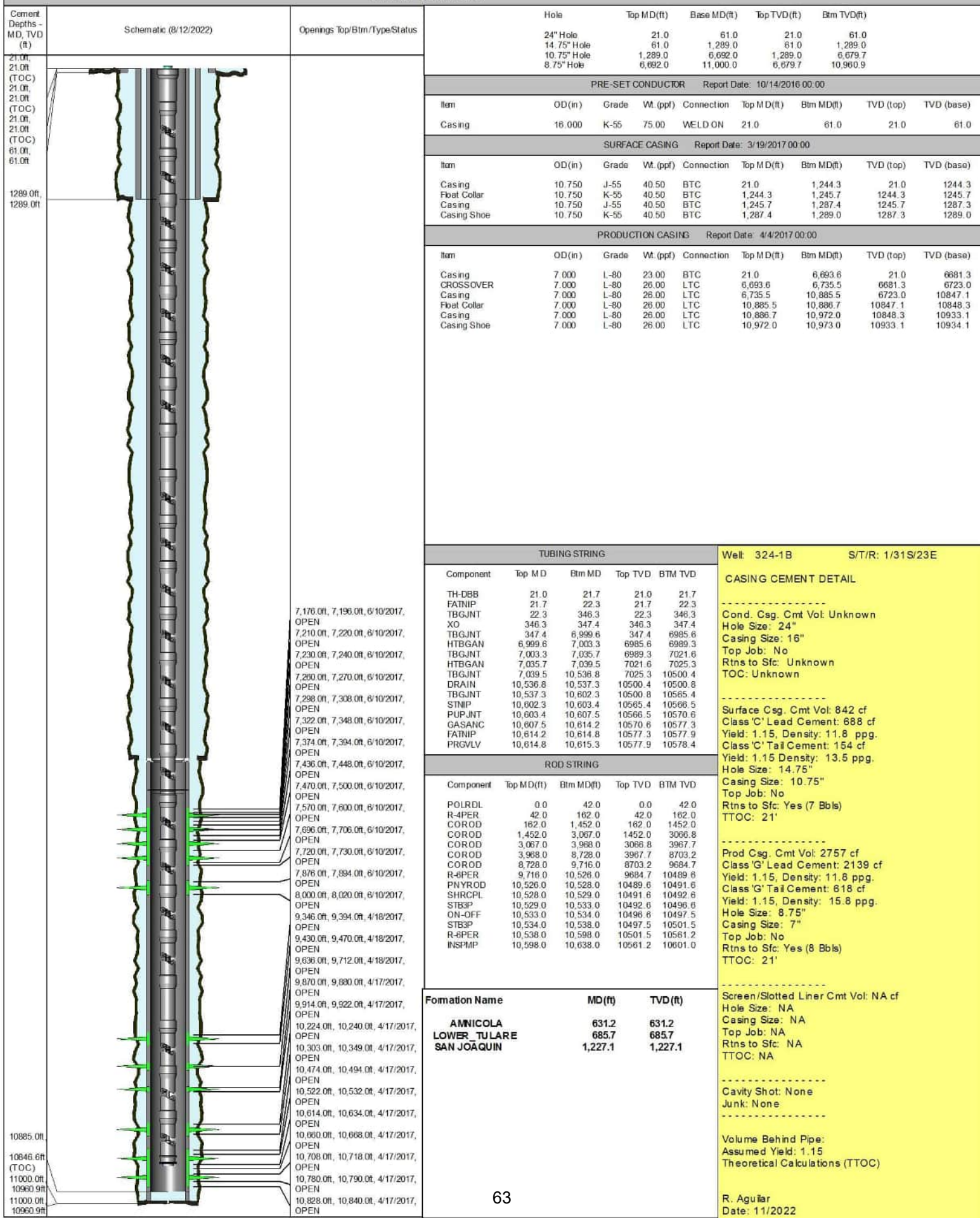
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 8/12/2022

324-1B

Ground Level: 1,124.8ft
 Datum: Original DF @ 1,145.79ft (Kenai 17 KB 21)(default)
 KB: 21.0ft
 API-10: 0403056697

Wellbore: ORIGINAL HOLE
 PBMD: 10,885.0ft
 Btm TMD: 11,000.0ft
 Spud Date/Time: 3/18/2017
 BH Coord X: 6,125,376.57usft
 BH Coord Y: 2,284,610.39usft

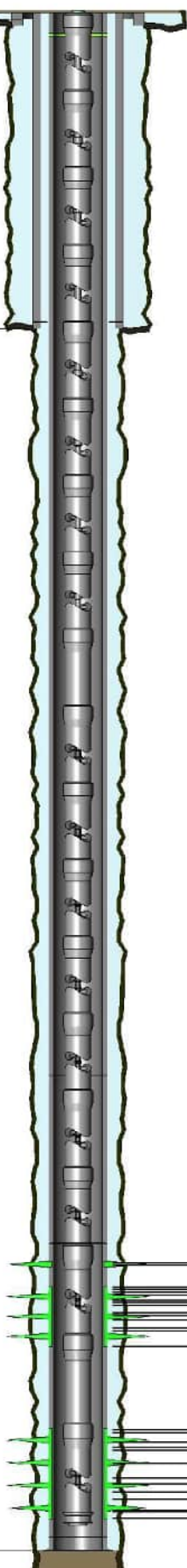
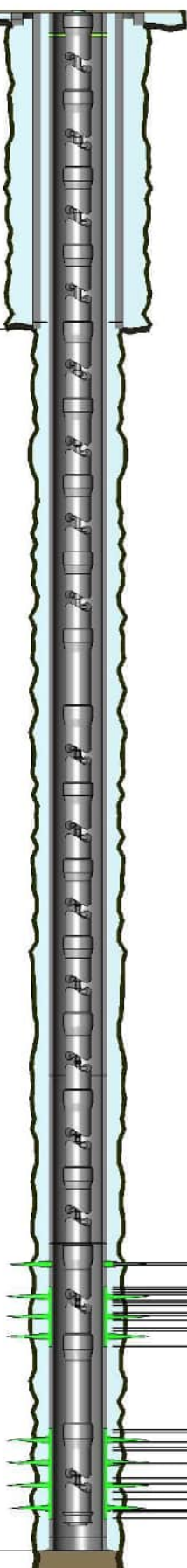


Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 11/18/2022

318-1B

Ground Level: 1,071.6ft
Datum: Original DF @ 1,085.61ft (Ensign 540 - 14' KB)(default)
KB: 14.0ft
API-10: 0403066463

Wellbore: ORIGINAL HOLE
PBMD: 9,601.0ft
Btm TMD: 9,867.0ft
Spud Date/Time: 3/3/2020
BH Coord X: 6,124,379.83usft
BH Coord Y: 2,281,406.20usft

Cement Depths - MD, TVD (ft)	Schematic (11/18/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 54.0ft 54.0ft (TOC) 94.0ft 94.0ft			24" Hole	0.0	94.0		94.0			
2001.0ft 2000.7ft			14.75" Hole	94.0	2,001.0	94.0	2,000.7			
			8.75" Hole	2,001.0	10,019.0	2,000.7	9,678.4			
PRE-SET CONDUCTOR Report Date: 2/4/2020 00:00										
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0		
SURFACE CASING Report Date: 3/3/2020 00:00										
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
Casing	10.750	K-55	40.50	BTC	14.0	1,956.8	14.0	1956.5		
FLOAT COLLAR	10.750	K-55	40.50	BTC	1,956.8	1,956.8	1956.5	1958.1		
Casing	10.750	K-55	40.50	BTC	1,956.8	1,999.2	1958.1	1998.9		
FLOAT SHOE	10.750	K-55	40.50	BTC	1,999.2	2,001.0	1998.9	2000.7		
PRODUCTION CASING Report Date: 3/15/2020 00:00										
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
Casing	7.000	N-80	26.00	GEO CONN	14.0	140.1	14.0	140.1		
Pup Joint	7.000	HC P-11026.00		GEO CONN	140.1	160.1	140.1	160.1		
Casing	7.000	N-80	26.00	GEO CONN	160.1	6,694.9	160.1	6490.2		
Casing	7.000	HC P-11026.00		GEO CONN	6,694.9	9,601.0	6490.2	9279.7		
FLOAT COLLAR	7.000	HC P-11026.00		GEO CONN	9,601.0	9,602.3	9279.7	9280.9		
Casing	7.000	HC P-11026.00		GEO CONN	9,602.3	9,682.4	9280.9	9357.4		
FLOAT COLLAR	7.000	HC P-11026.00		GEO CONN	9,682.4	9,683.7	9357.4	9358.5		
DRILL-IN SHOE	8.500	HC P-11026.00		GEO CONN	9,683.7	9,686.0	9358.5	9360.8		
TUBING STRING										
Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 318-1B S/T/R: 1/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 24" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 14'					
TH-DBB	14.0	14.7	14.0	14.7						
FATNIP	14.7	15.3	14.7	15.3						
TBGJNT	15.3	7,750.6	15.3	7470.9						
AC	7,750.6	7,754.1	7470.9	7474.2						
TBGJNT	7,754.1	9,442.9	7474.2	9128.7						
DRAIN	9,442.9	9,443.4	9128.7	9129.2						
TBGJNT	9,443.4	9,508.3	9129.2	9191.2						
STNIP	9,508.3	9,509.4	9191.2	9192.3						
PUPJNT	9,509.4	9,513.6	9192.3	9196.3						
STCOLL	9,513.6	9,514.1	9196.3	9196.7	Surface Csg. Cmt Vol: 1597 cf Class 'C' Lead Cement: 1347 cf Yield: 2.17, Density: 12.4 ppg. Class 'C' Tail Cement: 250 cf Yield: 1.71 Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (20 Bbls) TTOC: 14'					
ROD STRING										
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD						
POLRDL	0.0	42.0	0.0	42.0						
PNYROD	42.0	64.0	42.0	64.0						
R-4PER	64.0	2,704.0	64.0	2703.6						
R-6PER	2,704.0	4,354.0	2703.6	4349.9						
COROD	4,354.0	5,537.0	4349.9	5454.8						
COROD	5,537.0	7,038.0	5454.8	6801.9						
COROD	7,038.0	9,480.0	6801.9	9164.2						
PNYROD	9,480.0	9,482.0	9164.2	9166.1						
SHRCPL	9,482.0	9,483.0	9166.1	9167.0						
STB3P	9,483.0	9,487.0	9167.0	9170.9						
ON-OFF	9,487.0	9,488.0	9170.9	9171.8						
STB3P	9,488.0	9,492.0	9171.8	9175.6						
INSPMP	9,492.0	9,526.0	9175.6	9208.1	Prod Csg. Cmt Vol: 2480 cf Class 'C' Lead Cement: 1619 cf Yield: 1.92, Density: 12.4 ppg. Class 'C' Tail Cement: 861 cf Yield: 1.86, Density: 13.5 ppg. Hole Size: 8.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (37 Bbls) TTOC: 14'					
FORMATION										
Formation Name	MD(ft)	TVD(ft)	Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA							
AMNICOLA	628.6	628.5								
LOWER TULARE	692.2	692.1								
SANJOAQUIN	1,265.2	1,265.0								
					Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)					
9,686.0ft 9,360.7ft			9,004.0ft, 9,007.0ft, 4/3/2020, OPEN							
9,030.0ft, 9,044.0ft, 4/3/2020, OPEN										
9,044.0ft, 9,064.0ft, 4/3/2020, OPEN										
9,132.0ft, 9,138.0ft, 4/3/2020, OPEN										
9,227.0ft, 9,232.0ft, 4/3/2020, OPEN										
9,262.0ft, 9,275.0ft, 4/3/2020, OPEN										
9,309.0ft, 9,322.0ft, 4/3/2020, OPEN										
9,354.0ft, 9,372.0ft, 4/3/2020, OPEN										
9,424.0ft, 9,440.0ft, 4/3/2020, OPEN										
9,440.0ft, 9,460.0ft, 4/3/2020, OPEN										
9,475.0ft, 9,490.0ft, 4/3/2020, OPEN										

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/4/2022

326-1B

Ground Level: 1,071.6ft
 Datum: Original DF @ 1,085.63ft (Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066464

Wellbore: ORIGINAL HOLE
 PBMD: 9,594.0ft
 Btm TMD: 9,692.0ft
 Spud Date/Time: 2/20/2020
 BH Coord X: 6,124,860.05usft
 BH Coord Y: 2,283,276.18usft

Cement Depths - MD, TVD (ft)	Schematic (5/4/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)						
14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 94.0ft 94.0ft			24" Hole	0.0	94.0	0.0	94.0						
2025.0ft 2024.9ft			14.75" Hole	94.0	2,025.0	94.0	2,024.9						
			8.75" Hole	2,025.0	9,692.0	2,024.9	9,664.8						
			PRE-SET CONDUCTOR Report Date: 2/4/2020 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0		
			SURFACE CASING Report Date: 2/21/2020 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			Casing	10.750	K-55	40.50	BTC	14.0	1,980.4	14.0	1980.3		
			FLOAT COLLAR	10.750	K-55	40.50	BTC	1,980.4	1,982.0	1980.3	1981.9		
			Casing	10.750	K-55	40.50	BTC	1,982.0	2,023.1	1981.9	2023.0		
			FLOAT SHOE	10.750	K-55	40.50	BTC	2,023.1	2,025.0	2023.0	2024.9		
			PRODUCTION CASING Report Date: 3/1/2020 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			Casing	7.000	N-80	26.00	BTC	14.0	9,594.9	14.0	9569.0		
			FLOAT COLLAR	7.000	N-80	26.00	BTC	9,594.9	9,596.2	9569.0	9570.3		
			Casing	7.000	N-80	26.00	BTC	9,596.2	9,678.4	9570.3	9651.3		
			FLOAT SHOE	7.000	N-80	26.00	BTC	9,678.4	9,680.0	9651.3	9652.9		
			TUBING STRING						Well: 326-1B S/T/R: 1/31S/23E				
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL					
			TH-DBB	14.0	14.7	14.0	14.7	-----					
			FATNIP	14.7	15.4	14.7	15.3	Cond. Csg. Cmt Vol: Unknown					
			PUPJNT	15.4	33.7	15.3	33.7	Hole Size: 24"					
			TBGJNT	33.7	7,149.0	33.7	7137.1	Casing Size: 16"					
			HTBGJNT	7,149.0	7,152.1	7137.1	7140.2	Top Job: No					
			TBGJNT	7,152.1	9,336.2	7140.2	9313.3	Rtns to Sfc: Unknown					
			DRAIN	9,336.2	9,336.7	9313.3	9313.7	TOC: 14'					
			TBGJNT	9,336.7	9,398.2	9313.7	9374.7	-----					
			STNIP	9,398.2	9,399.3	9374.7	9375.8	Surface Csg. Cmt Vol: 1673 cf					
			PUPJNT	9,399.3	9,401.4	9375.8	9377.9	Class 'C' Lead Cement: 1347 cf					
			ROD STRING						Yield: 2.17, Density: 12.4 ppg.				
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Tail Cement: 326 cf					
			POLRDL	0.0	42.0	0.0	42.0	Yield: 1.71 Density: 13.5 ppg.					
			PNYROD	42.0	60.0	42.0	60.0	Hole Size: 14.75"					
			ROD	60.0	150.0	60.0	150.0	Casing Size: 10.75"					
			COROD	150.0	1,300.0	150.0	1299.9	Top Job: No					
			COROD	1,300.0	3,280.0	1299.9	3279.8	Rtns to Sfc: Yes (30 Bbls)					
			COROD	3,280.0	5,660.0	3279.8	5657.2	TTOC: 14'					
			COROD	5,660.0	9,360.0	5657.2	9336.9	-----					
			PNYROD	9,360.0	9,362.0	9336.9	9338.8	Prod Csg. Cmt Vol: 2121 cf					
			SHRCPL	9,362.0	9,363.0	9338.8	9339.8	Class 'C' Lead Cement: 1443 cf					
			STB3P	9,363.0	9,367.0	9339.8	9343.8	Yield: 2.2, Density: 11.8 ppg.					
			ON-OFF	9,367.0	9,368.0	9343.8	9344.8	Class 'C' Tail Cement: 678 cf					
			STB3P	9,368.0	9,372.0	9344.8	9348.7	Yield: 1.86 Density: 13.5 ppg.					
			INSPMP	9,372.0	9,412.0	9348.7	9388.4	Hole Size: 9.875"					
			Formation Name						Casing Size: 7"				
			AMNICOLA	620.0	619.9			Top Job: No					
			LOWER_TULARE	683.0	682.9			Rtns to Sfc: Yes (1 Bbls)					
			SANJOAQUIN	1,252.8	1,252.7			TTOC: 14'					
			Screen/Slotted Liner Cmt Vol: NA cf						-----				
			Hole Size: NA						Cavity Shot: None				
			Casing Size: NA						Junk: None				
			Top Job: NA						-----				
			Rtns to Sfc: NA						Volume Behind Pipe:				
			TTOC: NA						Assumed Yield: 1.15				
									Theoretical Calculations (TTOC)				
9680.0ft 9652.9ft										R. Aguilar			
										Date: 11/2022			

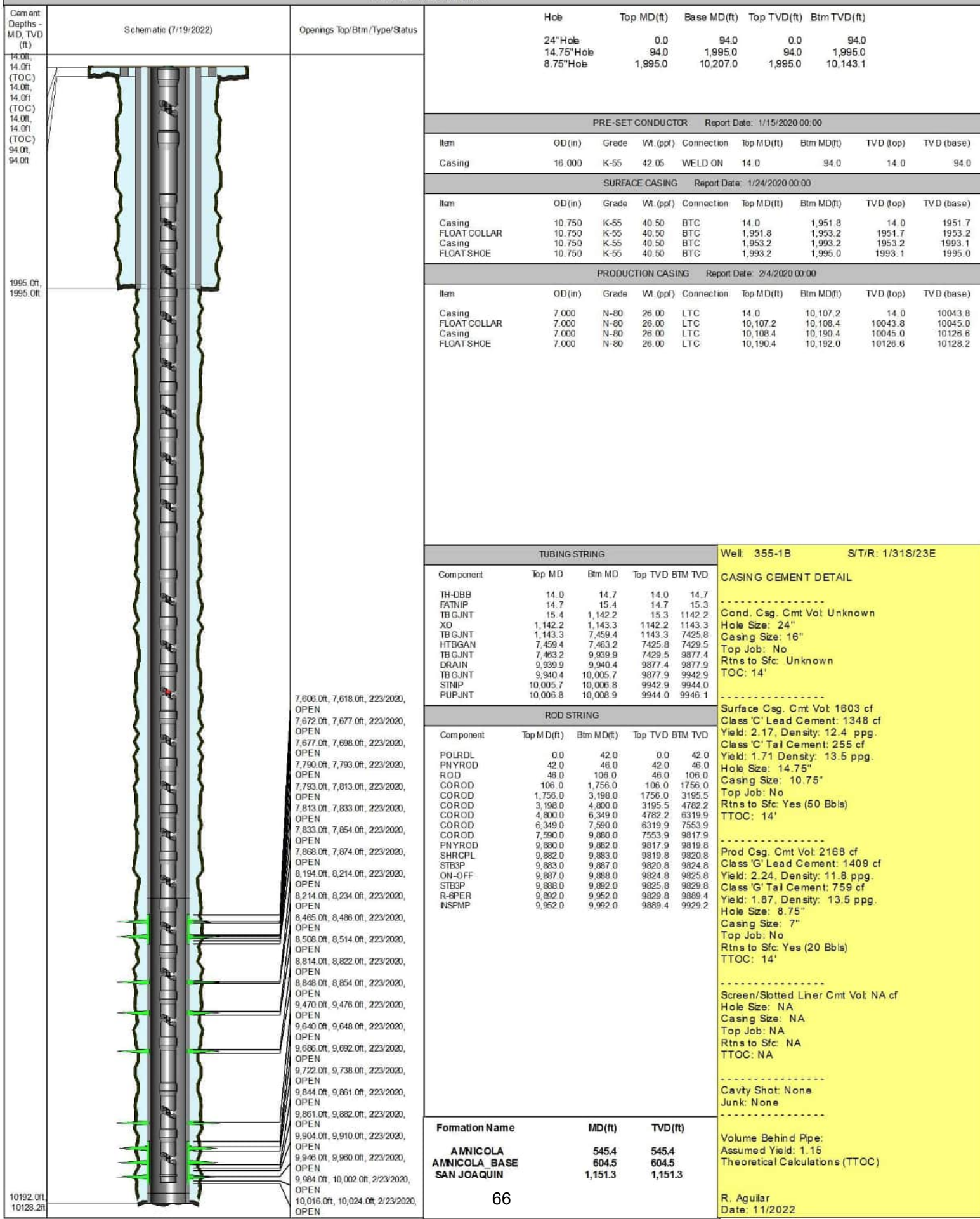
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 7/19/2022

355-1B

Ground Level: 1,048.4ft
 Datum: Original DF @ 1,062.43ft(Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066758

Wellbore: ORIGINAL HOLE
 PBMD: 10,098.0ft
 Btm TMD: 10,207.0ft
 Spud Date/Time: 1/23/2020
 BH Coord X: 6,127,272.64usft
 BH Coord Y: 2,283,710.91usft

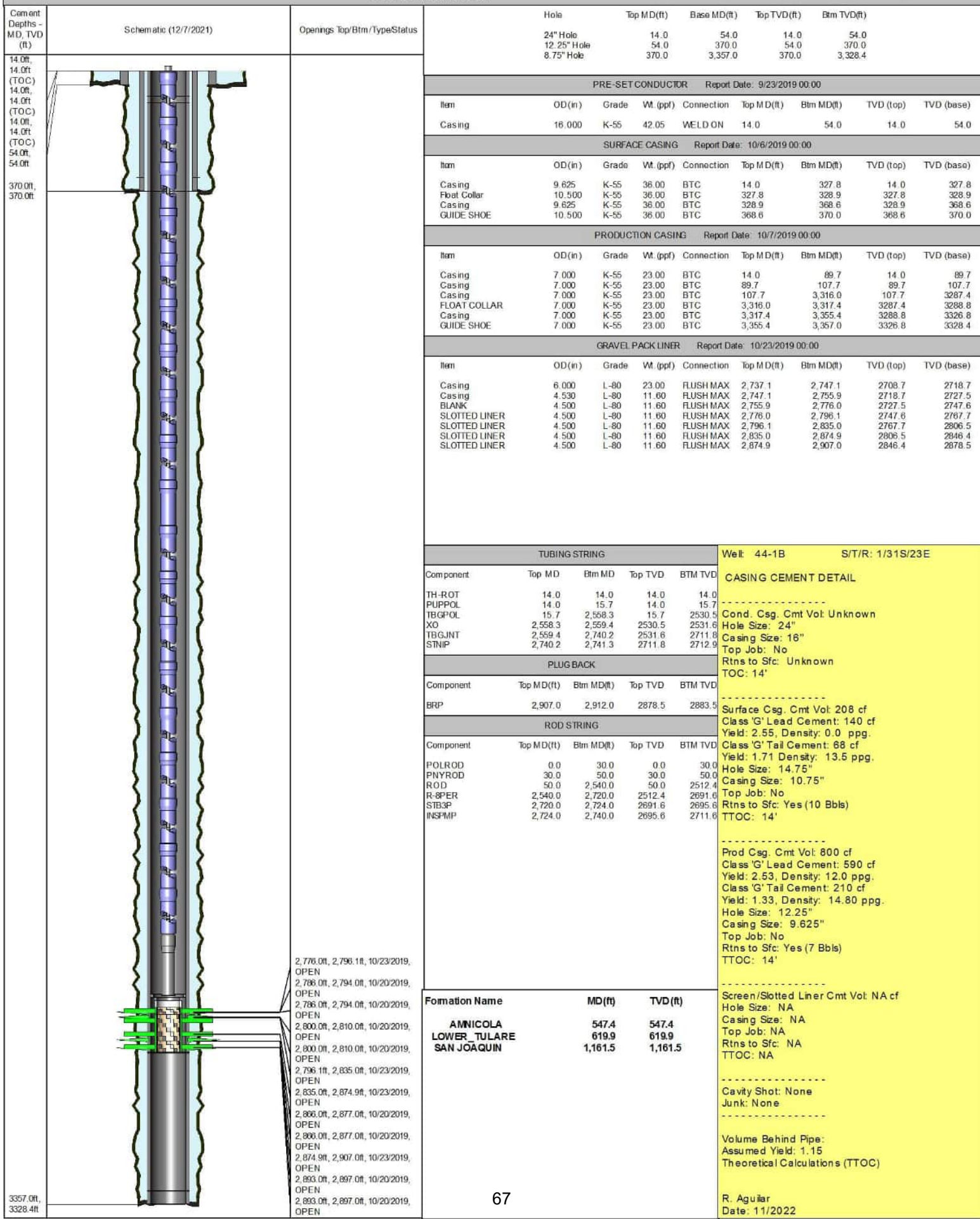


Field Name: ELK HILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 12/7/2021

44-1B

Ground Level: 1,097.4ft
Datum: Original DF @ 1,111.36ft (ENSGN 533 - KB = 14')(default)
KB: 14.0ft
API-10: 0403066781

Wellbore: ORIGINAL HOLE
PBMD: 2,907.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 10/5/2019
BH Coord X: 6,126,151.51usft
BH Coord Y: 2,284,475.10usft



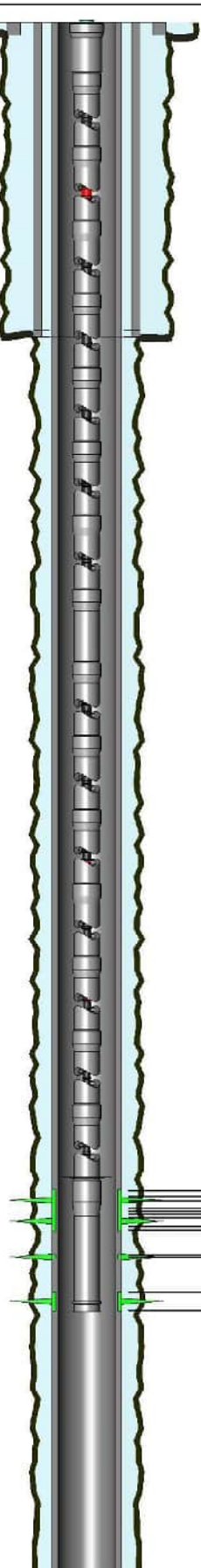
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Start date: 1/27/2022

317-1B

Ground Level: 1,054.5ft
 Datum: Original DF @ 1,068.52ft (Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066881

Wellbore: ORIGINAL HOLE
 PBMD: 9,864.0ft
 Btm TMD: 9,953.0ft
 Spud Date/Time: 11/29/2019
 BH Coord X: 6,124,360.86usft
 BH Coord Y: 2,282,660.77usft

Cement Depths - MD, TVD (ft)	Schematic (1/27/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			20" Hole	14.0	94.0	14.0	94.0				
14.0ft, 14.0ft (TOC)			14.75" Hole	94.0	2,014.0	94.0	2,013.9				
14.0ft, 14.0ft (TOC)			8.75" Hole	2,014.0	9,953.0	2,013.9	9,848.1				
94.0ft, 94.0ft			PRE-SET CONDUCTOR Report Date: 11/6/2019 00:00								
2014.0ft, 2013.9ft			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0
			SURFACE CASING Report Date: 12/1/2019 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	K-55	40.50	BTC	14.0	1,968.6	14.0	1968.6
			FLOAT COLLAR	10.750	K-55	40.50	BTC	1,968.6	1,970.2	1968.6	1970.1
			Casing	10.750	K-55	40.50	BTC	1,970.2	2,012.2	1970.1	2012.1
			GUIDE SHOE	10.750	K-55	40.50	BTC	2,012.2	2,014.0	2012.1	2014.0
			PRODUCTION CASING Report Date: 12/11/2019 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	7.000	N-80	26.00	LTC	14.0	9,864.0	14.0	9760.0
			FLOAT COLLAR	7.000	N-80	26.00	LTC	9,864.0	9,865.2	9760.0	9761.2
			Casing	7.000	N-80	26.00	LTC	9,865.2	9,944.5	9761.2	9839.7
			FLOAT SHOE	7.000	N-80	26.00	LTC	9,944.5	9,946.0	9839.7	9841.2
			TUBING STRING					Well: 317-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			TH-DBB	14.0	14.7	14.0	14.7	-----			
			FATNIP	14.7	15.4	14.7	15.3	Cond. Csg. Cmt Vol: Unknown			
			TBGJNT	15.4	329.6	15.3	329.6	Hole Size: 20"			
			XO	329.6	330.7	329.6	330.7	Casing Size: 16"			
			TBGJNT	330.7	7,351.4	330.7	7252.6	Top Job: No			
			HTBGAN	7,351.4	7,355.2	7252.6	7256.4	Rtns to Sfc: Unknown			
			TBGJNT	7,355.2	8,140.7	7256.4	8041.7	TOC: Unknown			
			DRAIN	8,140.7	8,141.2	8041.7	8042.2	-----			
TBGJNT			8,141.2	8,203.2	8042.2	8104.2	Surface Csg. Cmt Vol: 1606 cf				
STNIP			8,203.2	8,204.4	8104.2	8105.3	Class 'G' Lead Cement: 1348 cf				
PUPJNT			8,204.4	8,208.4	8105.3	8109.3	Yield: 2.17, Density: 13.5 ppg.				
			ROD STRING					Class 'G' Tail Cement: 258 cf			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.71 Density: 11.2 ppg.			
			POLRDL	0.0	42.0	0.0	42.0	Hole Size: 14.75"			
			PNYROD	42.0	46.0	42.0	46.0	Casing Size: 10.75"			
			ROD	46.0	136.0	46.0	136.0	Top Job: No			
			COROD	136.0	2,060.0	136.0	2059.9	Rtns to Sfc: No			
			COROD	2,060.0	3,577.0	2059.9	3576.8	TTOC: 14'			
			COROD	3,577.0	4,976.0	3576.8	4975.7	-----			
			COROD	4,976.0	5,772.0	4975.7	5740.0	Prod Csg. Cmt Vol: 2064 cf			
			COROD	5,772.0	6,569.0	5740.0	6476.9	Class 'C' Lead Cement: 1347 cf			
COROD			6,569.0	8,151.0	6476.9	8052.0	Yield: 2.24, Density: 13.5 ppg.				
PNYROD			8,151.0	8,153.0	8052.0	8054.0	Class 'C' Tail Cement: 717 cf				
SHRCPL			8,153.0	8,154.0	8054.0	8055.0	Yield: 1.87, Density: 8.4 ppg.				
STB3P			8,154.0	8,158.0	8055.0	8059.0	Hole Size: 8.75"				
ON-OFF			8,158.0	8,159.0	8059.0	8060.0	Casing Size: 7"				
STB3P			8,159.0	8,163.0	8060.0	8064.0	Top Job: No				
INSMP			8,163.0	8,203.0	8064.0	8104.0	Rtns to Sfc: No				
			Formation Name					MD(ft)	TVD(ft)	Screen/Slotted Liner Cmt Vol: NA cf	
			AMNICOLA					633.9	633.8	Hole Size: NA	
			LOWER_TULARE					698.6	698.5	Casing Size: NA	
			SANJOAQUIN					1,263.2	1,263.1	Top Job: NA	
										Rtns to Sfc: NA	
										TTOC: NA	

										Cavity Shot: None	
										Junk: None	

9946.0ft, 9841.2ft										Volume Behind Pipe:	
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
								R. Aguilar			
								Date: 11/2022			

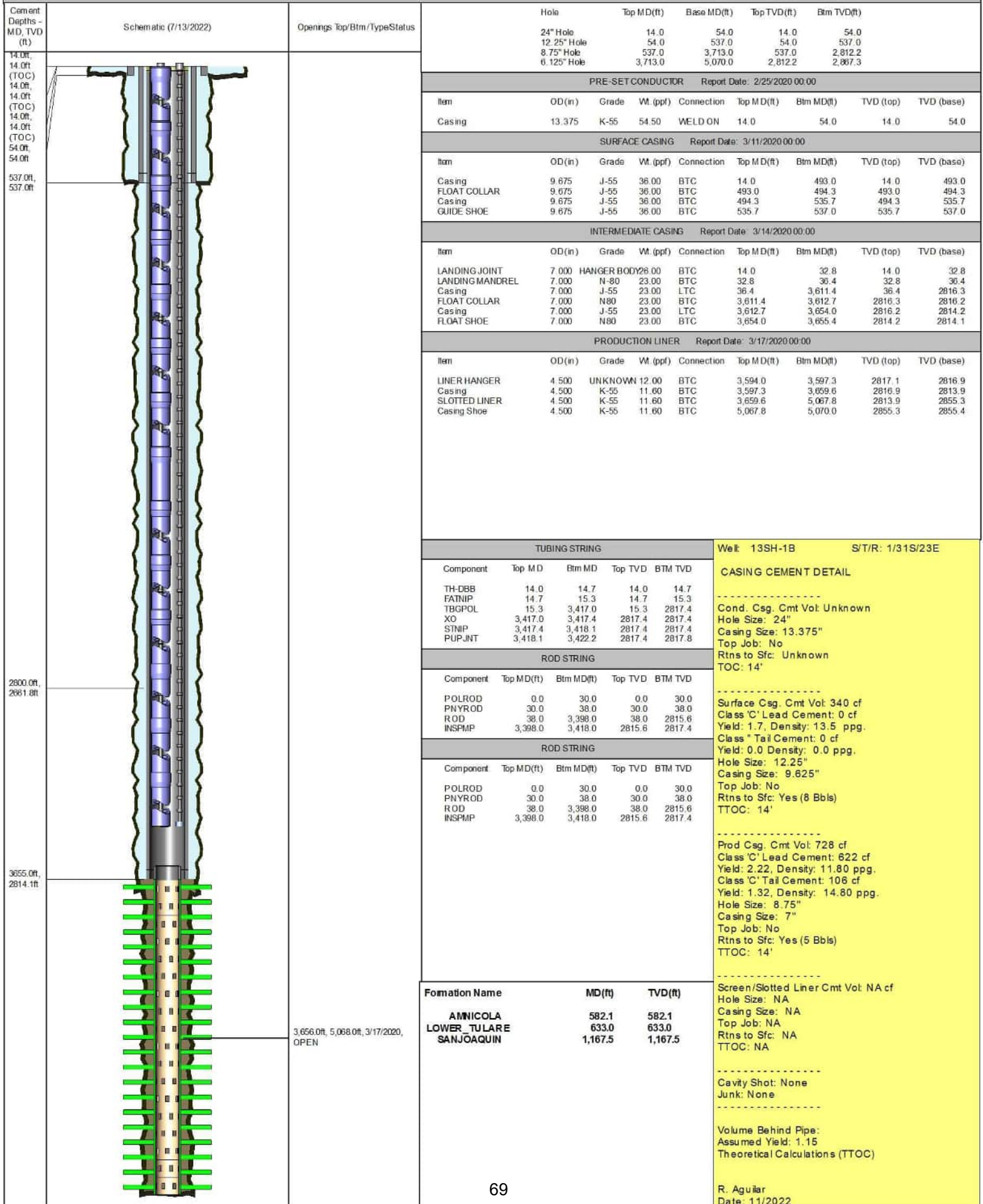
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 7/13/2022

13SH-1B

Ground Level: 1,111.4ft
 Datum: Original DF @ 1,125.36ft (Ensign 536 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403067416

Wellbore: ORIGINAL HOLE
 PBMD: 5,068.0ft
 Btm TMD: 5,070.0ft
 Spud Date/Time: 3/10/2020
 BH Coord X: 6,127,033.87usft
 BH Coord Y: 2,283,819.44usft

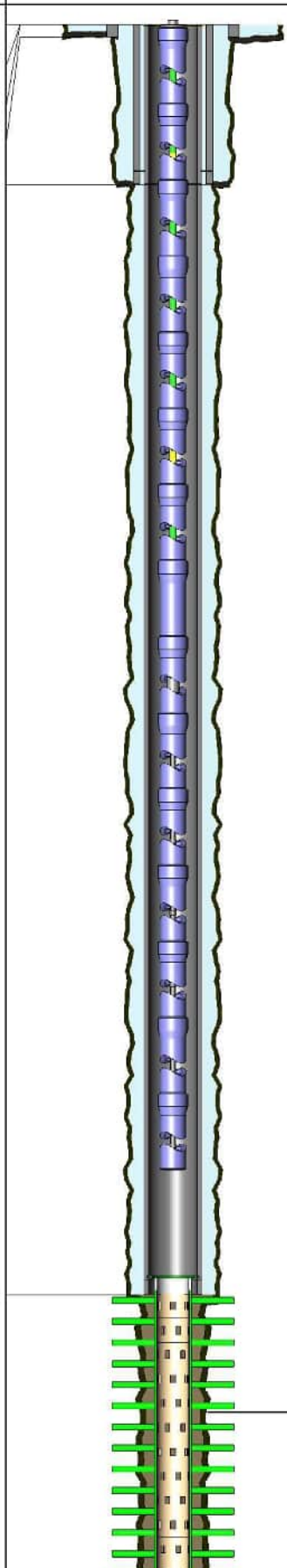


Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 3/17/2022

54H-1B

Ground Level: 1,127.1ft
Datum: Original DF @ 1,141.11ft (Ensign 536 + KB 14')(default)
KB: 14.0ft
API-10: 0403067486

Wellbore: ORIGINAL HOLE
PBMD: 5,030.0ft
Btm TMD: 5,033.0ft
Spud Date/Time: 2/23/2022
BH Coord X: 6,128,705.09usft
BH Coord Y: 2,283,168.31usft

Cement Depths - MD, TVD (ft)	Schematic (3/17/2022)		Openings Top/Btm/Type/Status									
			Hole									
			24" Hole 14.0 54.0 14.0 54.0									
			12" Hole 54.0 528.0 54.0 528.0									
			8.75" Hole 528.0 4,115.0 528.0 2,887.2									
			6.125" Hole 4,115.0 5,033.0 2,887.2 2,880.0									
			PRE-SET CONDUCTOR Report Date: 1/24/2022 00:00									
			Item OD(in) Grade Wt. (ppf) Connection Top MD(ft) Btm MD(ft) TVD (top) TVD (base)									
			Casing 16.000 K-55 42.05 WELD ON 14.0 54.0									
			SURFACE CASING Report Date: 2/23/2022 00:00									
Item OD(in) Grade Wt. (ppf) Connection Top MD(ft) Btm MD(ft) TVD (top) TVD (base)												
Casing 9.625 K55 36.00 BTC 14.0 484.4												
FLOAT COLLAR 9.625 K55 36.00 BTC 484.4 485.8												
Casing 9.625 K55 36.00 BTC 485.8 526.8												
FLOAT SHOE 9.625 K55 36.00 BTC 526.8 528.0												
INTERMEDIATE CASING Report Date: 3/1/2022 00:00												
Item OD(in) Grade Wt. (ppf) Connection Top MD(ft) Btm MD(ft) TVD (top) TVD (base)												
CASING MANDREL 7.000 K-55 23.00 LTC 14.0 18.4												
7" 23# K55 LTC 7.000 J55 23.00 LTC 18.4 4,046.7												
FLOAT COLLAR 7.000 J55 23.00 LTC 4,046.7 4,048.3												
7" 23# K55 LTC 7.000 J55 23.00 LTC 4,048.3 4,090.9												
FLOAT SHOE 7.000 J55 23.00 LTC 4,090.9 4,092.4												
SCREEN / SLOTTED LINER Report Date: 3/3/2022 00:00												
Item OD(in) Grade Wt. (ppf) Connection Top MD(ft) Btm MD(ft) TVD (top) TVD (base)												
PBR 6.366 SAE 4145 11.60 BTC 4,033.0 4,035.0												
LINER HANGER 6.366 11.60 BTC 4,035.0 4,039.2												
BLANK 4.500 L-80 11.60 BTC 4,039.2 4,078.0												
SLOTTED LINER 4.500 K-55 11.60 BTC 4,078.0 5,027.1												
GUIDE SHOE 4.500 K-55 11.60 BTC 5,027.1 5,029.5												
TUBING STRING												
Well: 54H-1B S/T/R: 1/31S/23E												
Casing Cement Detail												
Cond. Csg. Cmt Vol: Unknown												
Hole Size: 24"												
Casing Size: 16"												
Top Job: No												
Rtns to Sfc: Unknown												
TOC: 14'												
ROD STRING												
Surface Csg. Cmt Vol: 359 cf												
Class 'C' Lead Cement: 337 cf												
Yield: 1.66, Density: 13.50 ppg.												
Class 'C' Tail Cement: 22 cf												
Yield: 1.66 Density: 13.50 ppg.												
Hole Size: 12"												
Casing Size: 9.625"												
Top Job: No												
Rtns to Sfc: No												
TTOC: 14'												
Prod Csg. Cmt Vol: 567 cf												
Class 'C' Lead Cement: 258 cf												
Yield: 2.59, Density: 11.80 ppg.												
Class 'C' Tail Cement: 309 cf												
Yield: 1.66, Density: 13.50 ppg.												
Hole Size: 8.75"												
Casing Size: 7"												
Top Job: No												
Rtns to Sfc: Yes (20 Bbls)												
TTOC: 14'												
Screen/Slotted Liner Cmt Vol: NA cf												
Hole Size: NA												
Casing Size: NA												
Top Job: NA												
Rtns to Sfc: NA												
TTOC: NA												
Cavity Shot: None												
Junk: None												
Volume Behind Pipe:												
Assumed Yield: 1.15												
Theoretical Calculations (TTOC)												
R. Aguilar												
Date: 11/2022												

4093.0ft 4093.0ft	4,078.0ft, 5,027.0ft, 3/3/2022, OPEN	70
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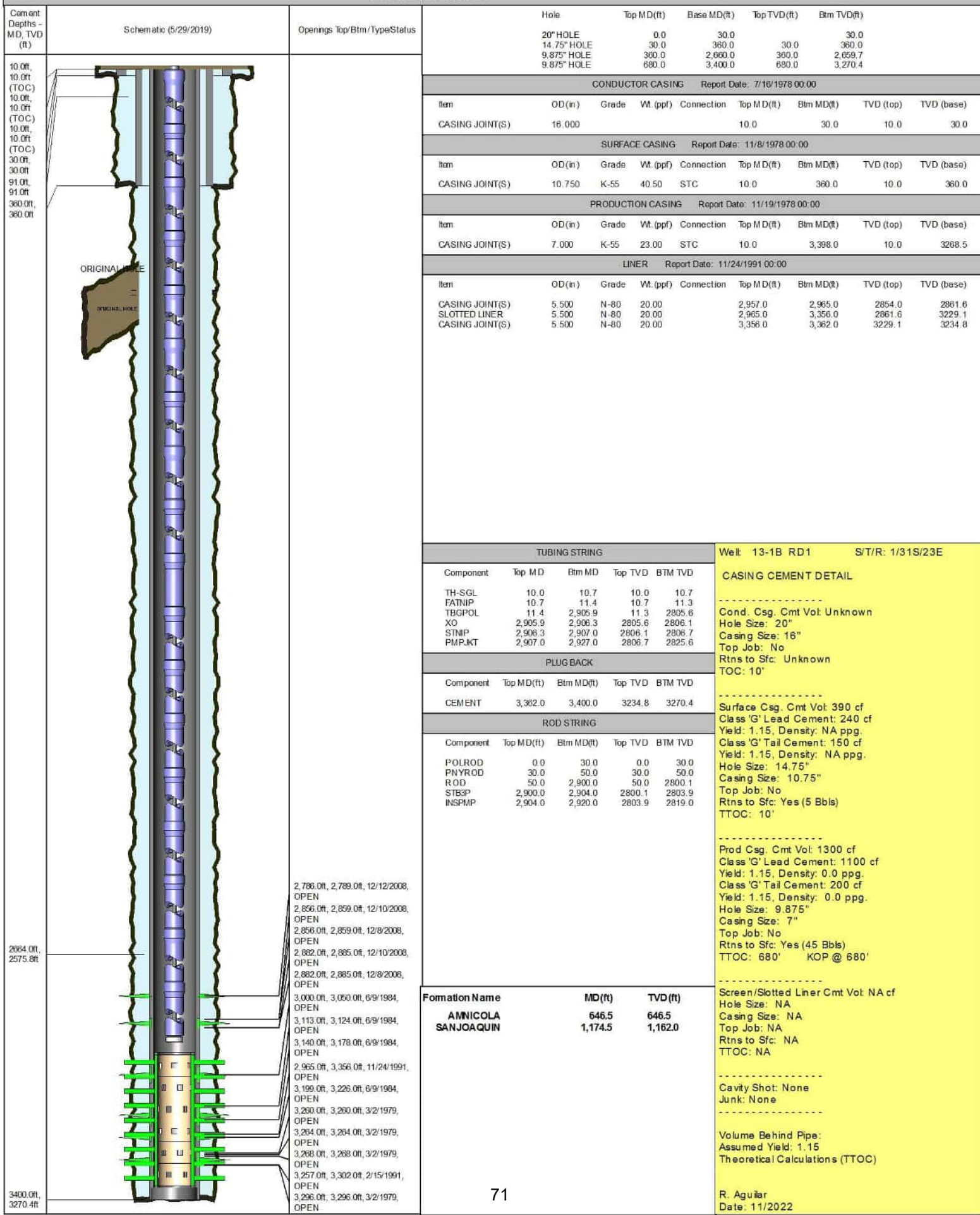
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 5/29/2019

13-1B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,159.00ft (default)
 KB: 10.0ft
 API-10: 0402955673

Wellbore: ST 1
 PBMD: 3,362.0ft
 Btm TMD: 3,400.0ft
 Spud Date/Time: 11/8/1978
 BH Coord X: 6,123,606.40usft
 BH Coord Y: 2,285,431.38usft



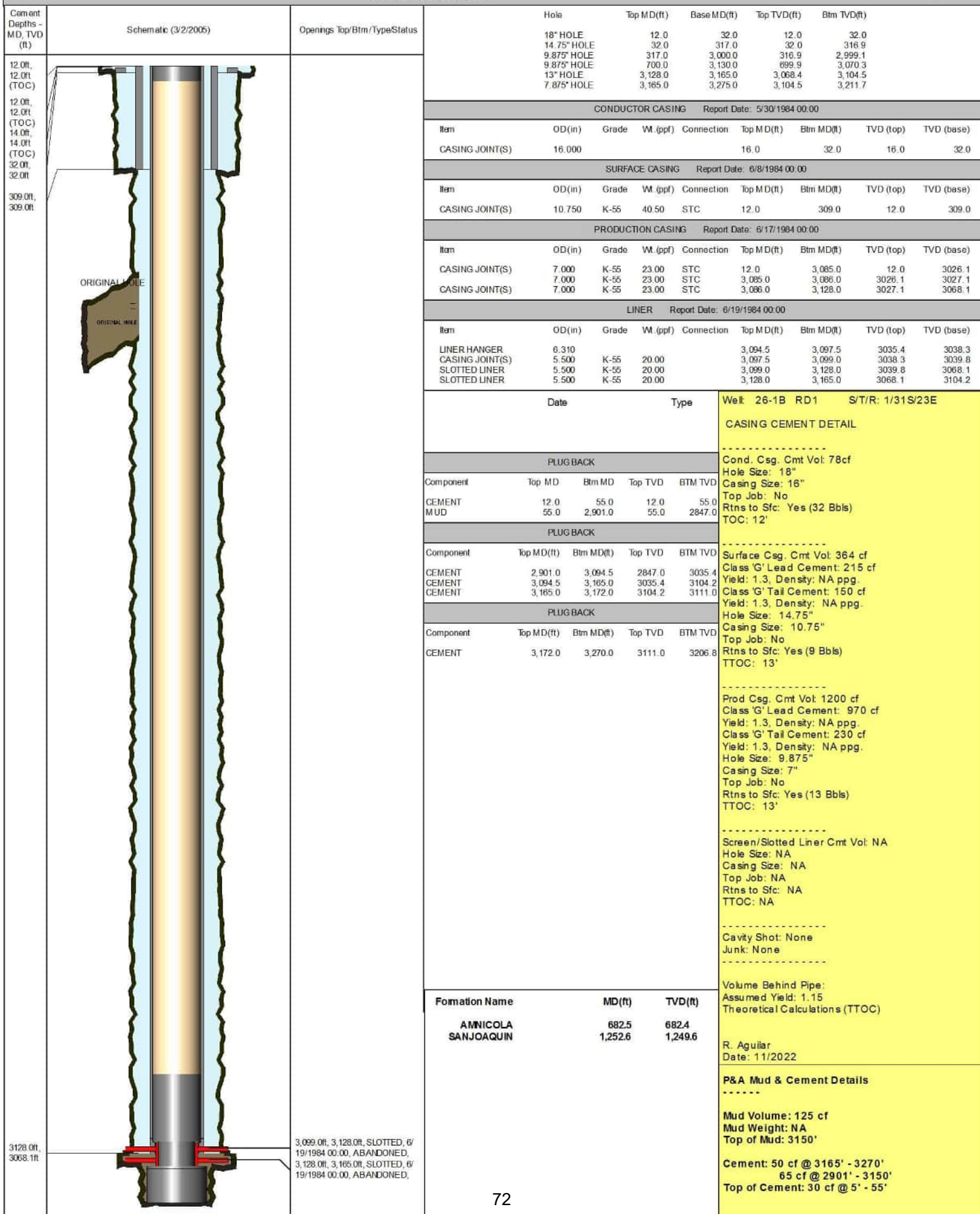
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 3/2/2005

26-1B

Ground Level: 1,078.0ft
 Datum: Original DF @ 1,090.00ft (default)
 KB: 12.0ft
 API-10: 0402972052

Wellbore: ST 1
 PBMD: 12.0ft
 Btm TMD: 3,275.0ft
 Spud Date/Time: 6/4/1984
 BH Coord X: 6,124,688.27usft
 BH Coord Y: 2,283,288.22usft



**WELL CONSTRUCTION DETAILS
FOR WELLS LOCATED IN
SECTION 2B**

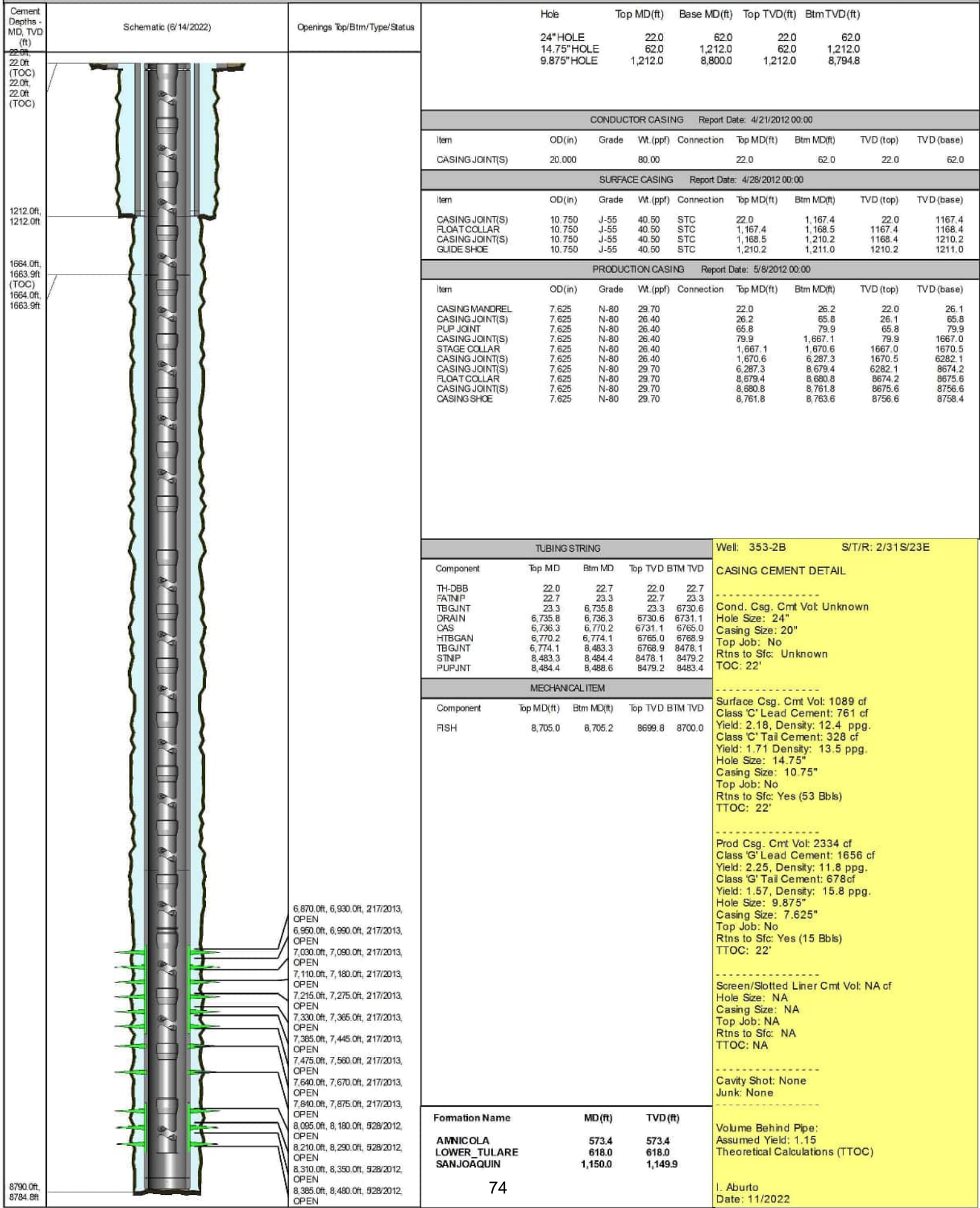
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 6/14/2022

353-2B

Ground Level: 1,106.5ft
 Datum: Original KB @ 1,128.50ft (default)
 KB: 22.0ft
 API-10: 0403046702

Wellbore: ORIGINAL HOLE
 PBMD: 8,709.0ft
 Btm TMD: 8,800.0ft
 Spud Date/Time: 4/27/2012
 BH Coord X: 6,121,750.17usft
 BH Coord Y: 2,285,299.77usft



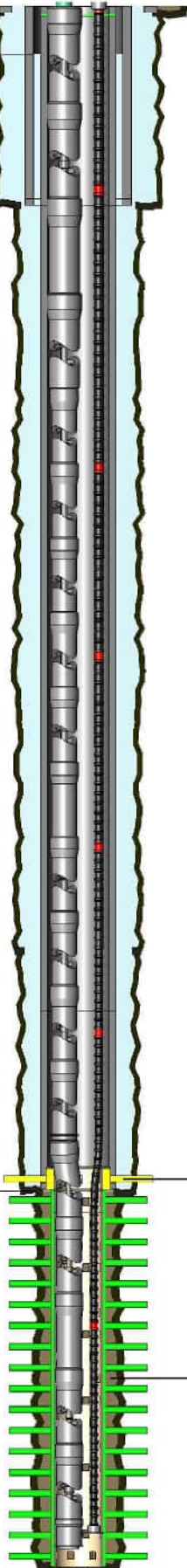
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 8/12/2022

361-2B

Ground Level: 1,167.9ft
 Datum: Original DF @ 1,192.90ft (Air Gap = 25')(default)
 KB: 25.0ft
 API-10: 0403054258

Wellbore: ORIGINAL HOLE
 PBMD: 9,540.0ft
 Btm TMD: 9,550.0ft
 Spud Date/Time: 3/31/2014
 BH Coord X: 6,122,470.99usft
 BH Coord Y: 2,286,501.36usft

Cement Depths - MD, TVD (ft)	Schematic (8/12/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
25.0ft 25.0ft (TOC) 316.0ft 316.0ft (TOC)			20" Hole	25.0	65.0	25.0	65.0				
1241.0ft 1240.9ft			14.5" Hole	65.0	1,241.0	65.0	1,240.9				
			10-1/2" Hole	1,241.0	5,789.0	1,240.9	5,780.6				
			8.75" Hole	5,789.0	7,250.0	5,780.6	7,234.7				
			9.875" Hole	5,789.0	7,250.0	5,780.6	7,234.7				
			6.75 Hole	7,250.0	9,550.0	7,234.7	9,533.3				
			CONDUCTOR CASING Report Date: 3/30/2014 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000				25.0	65.0	25.0	65.0
			SURFACE CASING Report Date: 3/31/2014 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	J-55	40.50		25.0	1,199.0	25.0	1198.9
			FLOAT COLLAR	10.750		0.00		1,199.0	1,200.3	1198.9	1200.3
			Casing	10.750	J-55	40.50		1,200.3	1,239.4	1200.3	1239.4
			GUIDE SHOE	10.750		0.00		1,239.4	1,241.0	1239.4	1240.9
			INTERMEDIATE CASING Report Date: 4/8/2014 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			LANDING MANDREL	7.625	N-80	29.70		25.0	29.8	25.0	29.8
			Casing	7.625	N-80	26.40		29.8	71.2	29.8	71.1
			Pup Joint	7.625	N-80	29.70		71.2	91.0	71.1	91.0
			Casing	7.625	N-80	26.40		91.0	4,726.0	91.0	4725.5
			Casing	7.625	P 110	29.70		4,726.0	6,151.6	4725.5	6139.8
			Casing	7.625	P 110	29.70		6,151.6	7,196.4	6139.8	7181.2
			Float Collar	7.625		0.00		7,196.4	7,197.7	7181.2	7182.5
			Casing	7.625	P 110	29.70		7,197.7	7,238.3	7182.5	7223.1
			Casing Shoe	7.625		0.00		7,238.3	7,240.0	7223.1	7224.7
			SCREEN / SLOTTED LINER Report Date: 4/16/2014 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			SETTING SLEEVE	6.375	N80	17.00		7,101.7	7,104.5	7088.6	7089.4
			Liner Hanger	6,500	N80	17.00		7,104.5	7,111.4	7089.4	7096.3
			SLOTTED LINER	5,500	L-80	17.00		7,111.4	9,540.4	7096.3	9523.7
			GUIDE SHOE	5.875	N80	17.00		9,540.4	9,547.0	9523.7	9530.3
			TUBING STRING								
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 361-2B S/T/R: 2/31S/23E			
			TH-DBB	25.0	25.7	25.0	25.7	Casing Cement Detail			
			FATNIP	25.7	26.2	25.7	26.2	-----			
			TBGJNT	26.2	2,350.8	26.2	2,350.6	Cond. Csg. Cmt Vol: Unknown			
			XO	2,350.8	2,351.9	2,350.6	2,351.7	Hole Size: 24"			
			TBGJNT	2,351.9	6,902.6	2,351.7	6,887.5	Casing Size: 20"			
			HTBGAN	6,902.6	6,906.7	6,887.5	6,891.6	Top Job: No			
			TBGJNT	6,906.7	6,939.2	6,891.6	6,924.1	Rtns to Sfc: Unknown			
			HTBGAN	6,939.2	6,943.5	6,924.1	6,928.4	TOC: 25'			
			TBGJNT	6,943.5	9,248.0	6,928.4	9,231.4	-----			
			DRAIN	9,248.0	9,248.4	9,231.4	9,231.9	Surface Csg. Cmt Vol: 876 cf			
			TBGJNT	9,248.4	9,411.0	9,231.9	9,394.4	Class 'C' Lead Cement: 663 cf			
			STNIP	9,411.0	9,412.1	9,394.4	9,395.5	Yield: 1.15, Density: 12.4 ppg.			
			PMPSH	9,412.1	9,416.3	9,395.5	9,399.6	Class 'C' Tail Cement: 213 cf			
			ROD STRING							Yield: 1.15 Density: 13.5 ppg.	
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 14.5"			
			POLRDL	0.0	42.0	0.0	42.0	Casing Size: 10.75"			
			PNY ROD	42.0	52.0	42.0	52.0	Top Job: No			
			R-4PER	52.0	2,062.0	52.0	2,061.8	Rtns to Sfc: Yes (16 Bbls)			
			R-4PER	2,062.0	5,182.0	2,061.8	5,180.8	TTOC: 25'			
			ROD	5,182.0	7,042.0	5,180.8	7,026.9	-----			
			R-4PER	7,042.0	8,722.0	7,026.9	8,705.7	Prod Csg. Cmt Vol: 2450 cf			
			R-6PER	8,722.0	9,382.0	8,705.7	9,365.4	Class 'G' Lead Cement: 2254 cf			
			STB3P	9,382.0	9,386.0	9,365.4	9,369.4	Yield: 1.15, Density: 12.4 ppg.			
			SHRCPL	9,386.0	9,387.0	9,369.4	9,370.4	Class 'G' Tail Cement: 196 cf			
			STB3P	9,387.0	9,391.0	9,370.4	9,374.4	Yield: 1.15, Density: 15.8 ppg.			
			INSPMP	9,391.0	9,431.0	9,374.4	9,414.4	Hole Size: 9.875"			
			ROD STRING							Casing Size: 7.625"	
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
			POLROD	0.0	42.0	0.0	42.0	Rtns to Sfc: No			
			PNY ROD	42.0	68.0	42.0	68.0	TTOC: 316'			
			COROD	68.0	2,220.0	68.0	2,219.8	-----			
			COROD	2,220.0	3,390.0	2,219.8	3,389.7	Screen/Slotted Liner Cmt Vol: NA of			
			COROD	3,390.0	4,533.0	3,389.7	4,532.6	Hole Size: NA			
			COROD	4,533.0	5,770.0	4,532.6	5,761.8	Casing Size: NA			
			COROD	5,770.0	6,806.0	5,761.8	6,790.9	Top Job: NA			
			COROD	6,806.0	9,282.0	6,790.9	9,265.4	Rtns to Sfc: NA			
			STB3P	9,282.0	9,286.0	9,265.4	9,269.4	TTOC: NA			
			SHRCPL	9,286.0	9,287.0	9,269.4	9,270.4	-----			
			STB3P	9,287.0	9,291.0	9,270.4	9,274.4	Cavity Shot: None			
			POLROD	9,291.0	9,331.0	9,274.4	9,314.4	Junk: None			
			PLUNGR	9,331.0	9,337.0	9,314.4	9,320.4	-----			
			Formation Name							Volume Behind Pipe:	
			AMNICOLA	562.2	562.2			Assumed Yield: 1.15			
			LOWER_TULARE	597.2	597.2			Theoretical Calculations (TTOC)			
			SANJOAQUIN	1,120.1	1,120.1						
			75							I. Aburto	
										Date: 11/2022	

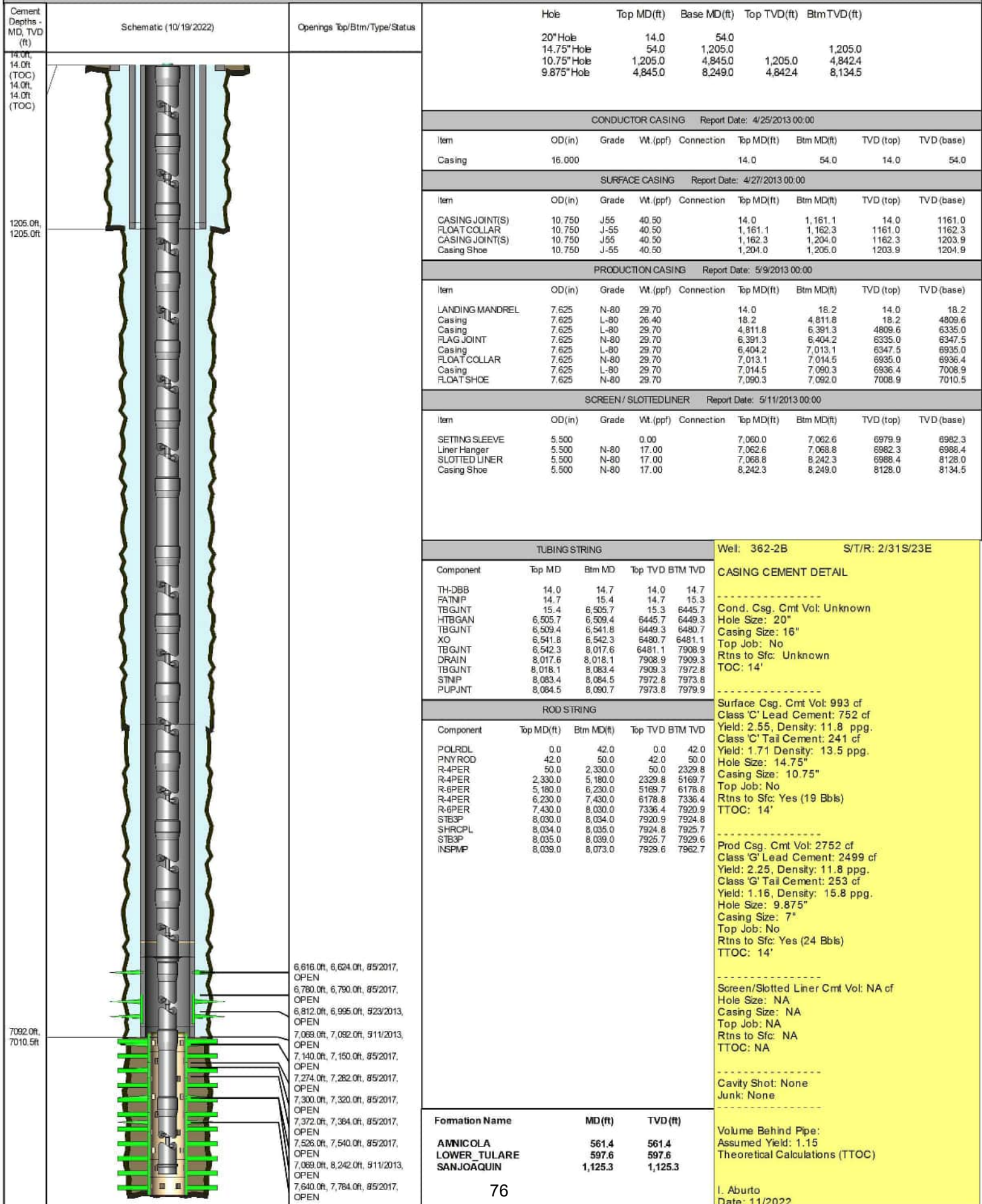
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 10/19/2022

362-2B

Ground Level: 1,155.6ft
 Datum: Original DF @ 1,169.60ft (A G = 14") (default)
 KB: 14.0ft
 API-10: 0403050235

Wellbore: ORIGINAL HOLE
 PBMD: 8,249.0ft
 Btm TMD: 8,249.0ft
 Spud Date/Time: 4/27/2013
 BH Coord X: 6,122,936.36usft
 BH Coord Y: 2,285,237.33usft



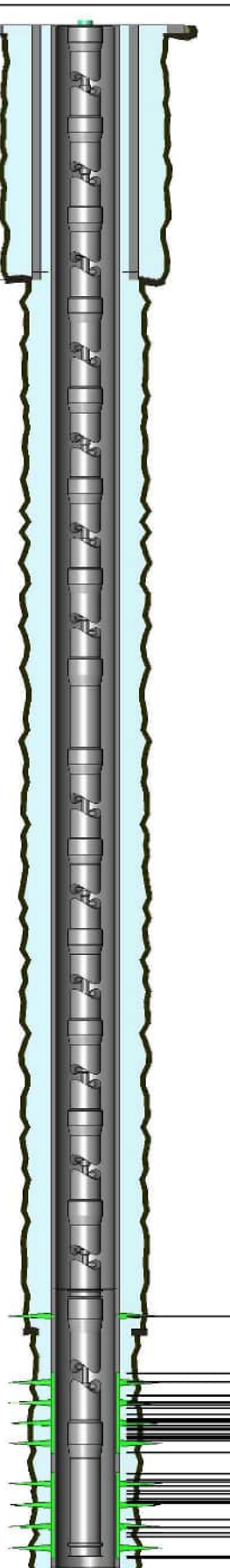
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 6/15/2022

364-2B

Ground Level: 1,123.7ft
 Datum: Original DF @ 1,148.70ft (default)
 KB: 25.0ft
 API-10: 0403054464

Wellbore: ORIGINAL HOLE
 PBMD: 7,907.0ft
 Btm TMD: 8,005.0ft
 Spud Date/Time: 5/1/2014
 BH Coord X: 6,122,442.43usft
 BH Coord Y: 2,284,456.42usft

Cement Depths - MD, TVD (ft)	Schematic (6/15/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)		
25.0ft 25.0ft (TOC) 25.0ft 25.0ft (TOC)			20" Hole	25.0	65.0	25.0	65.0		
1327.0ft 1326.9ft			14.5" Hole	65.0	1,328.0	65.0	1,327.9		
				10.5" Hole	1,328.0	6,704.0	1,327.9	6,693.6	
				8.75" Hole	6,704.0	8,005.0	6,693.6	7,989.9	
PRE-SET CONDUCTOR Report Date: 4/3/2014 00:00									
Item		OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing		20.000				25.0	65.0	25.0	65.0
SURFACE CASING Report Date: 5/1/2014 00:00									
Item		OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing		10.750	J-55	40.50	BTC	25.0	1,285.3	25.0	1,285.2
FLOAT COLLAR		10.750	K-55	40.50	BTC	1,285.3	1,286.6	1,285.2	1,286.5
Casing		10.750	J-55	40.50	BTC	1,286.6	1,325.9	1,286.5	1,325.8
FLOAT SHOE		10.750	K-55	40.50	BTC	1,325.9	1,326.9	1,325.8	1,326.8
PRODUCTION CASING Report Date: 5/9/2014 00:00									
Item		OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
LANDING MANDREL		7.000	N-80	26.00		25.0	29.9	25.0	29.9
Casing		7.000	N-80	26.00		29.9	7,907.2	29.9	7892.3
Float Collar		7.000	N-80	26.00		7,907.2	7,908.6	7892.3	7893.7
Casing		7.000	N-80	26.00		7,908.6	7,988.5	7893.7	7973.5
FLOAT SHOE		7.000	N-80	26.00		7,988.5	7,990.0	7973.5	7974.9
TUBING STRING									
Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 364-2B S/T/R: 2/31S/23E				
TH-DBB	25.0	25.7	25.0	25.7	CASING CEMENT DETAIL				
FATNIP	25.7	26.3	25.7	26.3	Cond. Csg. Cmt Vol: Unknown				
TBGTJNT	26.3	6,484.8	26.3	6474.9	Hole Size: 20"				
HTBGAN	6,484.8	6,488.2	6474.9	6478.4	Casing Size: 16"				
TBGTJNT	6,488.2	6,519.2	6478.4	6509.3	Top Job: No				
HTBGAN	6,519.2	6,522.7	6509.3	6512.7	Rtns to Sfc: Unknown				
TBGTJNT	6,522.7	7,782.6	6512.7	7768.0	TOC: 14'				
DRAIN	7,782.6	7,783.0	7768.0	7768.4	Surface Csg. Cmt Vol: 993 of				
TBGTJNT	7,783.0	7,846.6	7768.4	7831.8	Class 'C' Lead Cement: 752 of				
STNIP	7,846.6	7,847.7	7831.8	7832.9	Yield: 2.55, Density: 11.8 ppg.				
PUPJNT	7,847.7	7,851.8	7832.9	7837.0	Class 'C' Tail Cement: 241 of				
ROD STRING					Yield: 1.71 Density: 13.5 ppg.				
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 14.75"				
POLRDL	0.0	42.0	0.0	42.0	Casing Size: 10.75"				
PNYROD	42.0	50.0	42.0	50.0	Top Job: No				
ROD	50.0	1,880.0	50.0	1879.6	Rtns to Sfc: Yes (19 Bbls)				
R-4PER	1,880.0	5,600.0	1879.6	5594.4	TTOC: 14'				
R-6PER	5,600.0	7,190.0	5594.4	7177.7	Prod Csg. Cmt Vol: 2752 of				
R-4PER	7,190.0	7,790.0	7177.7	7775.4	Class 'G' Lead Cement: 2499 of				
STB3P	7,790.0	7,794.0	7775.4	7779.4	Yield: 2.25, Density: 11.8 ppg.				
INSMP	7,794.0	7,838.0	7779.4	7823.3	Class 'G' Tail Cement: 253 of				
					Yield: 1.16, Density: 15.8 ppg.				
					Hole Size: 9.875"				
					Casing Size: 7"				
					Top Job: No				
					Rtns to Sfc: Yes (24 Bbls)				
					TTOC: 14'				
					Screen/Slotted Liner Cmt Vol: NA of				
					Hole Size: NA				
					Casing Size: NA				
					Top Job: NA				
					Rtns to Sfc: NA				
					TTOC: NA				
					Cavity Shot: None				
					Junk: None				
					Volume Behind Pipe:				
					Assumed Yield: 1.15				
					Theoretical Calculations (TTOC)				
					I. Aburto				
					Date: 11/2022				

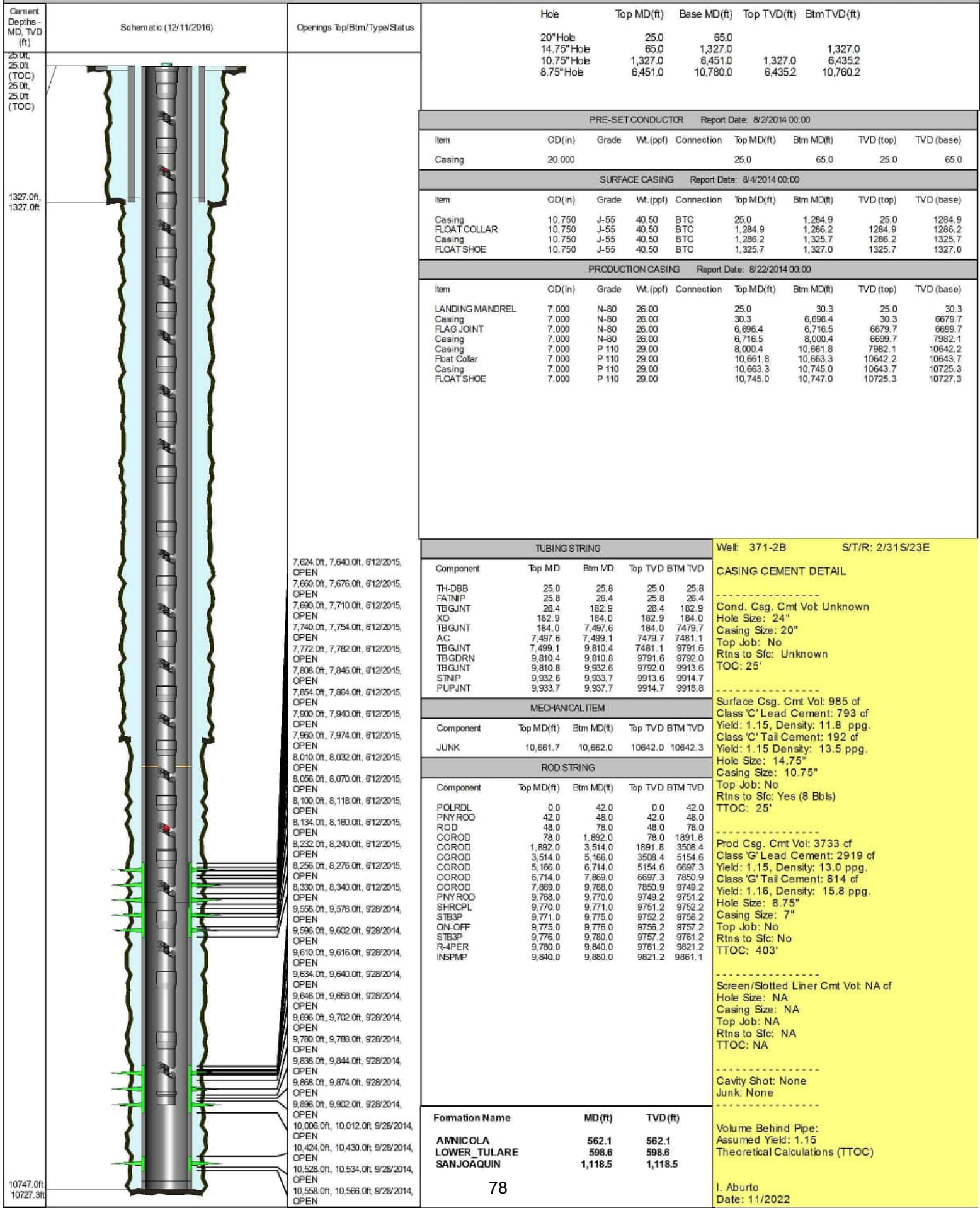
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 12/11/2016

371-2B

Ground Level: 1,169.6ft
 Datum: Original DF @ 1,194.60ft(default)
 KB: 25.0ft
 API-10: 0403055154

Wellbore: ORIGINAL HOLE
 PBMD: 10,662.0ft
 Btm TMD: 10,780.0ft
 Spud Date/Time: 8/3/2014
 BH Coord X: 6,123,175.23usft
 BH Coord Y: 2,286,755.54usft



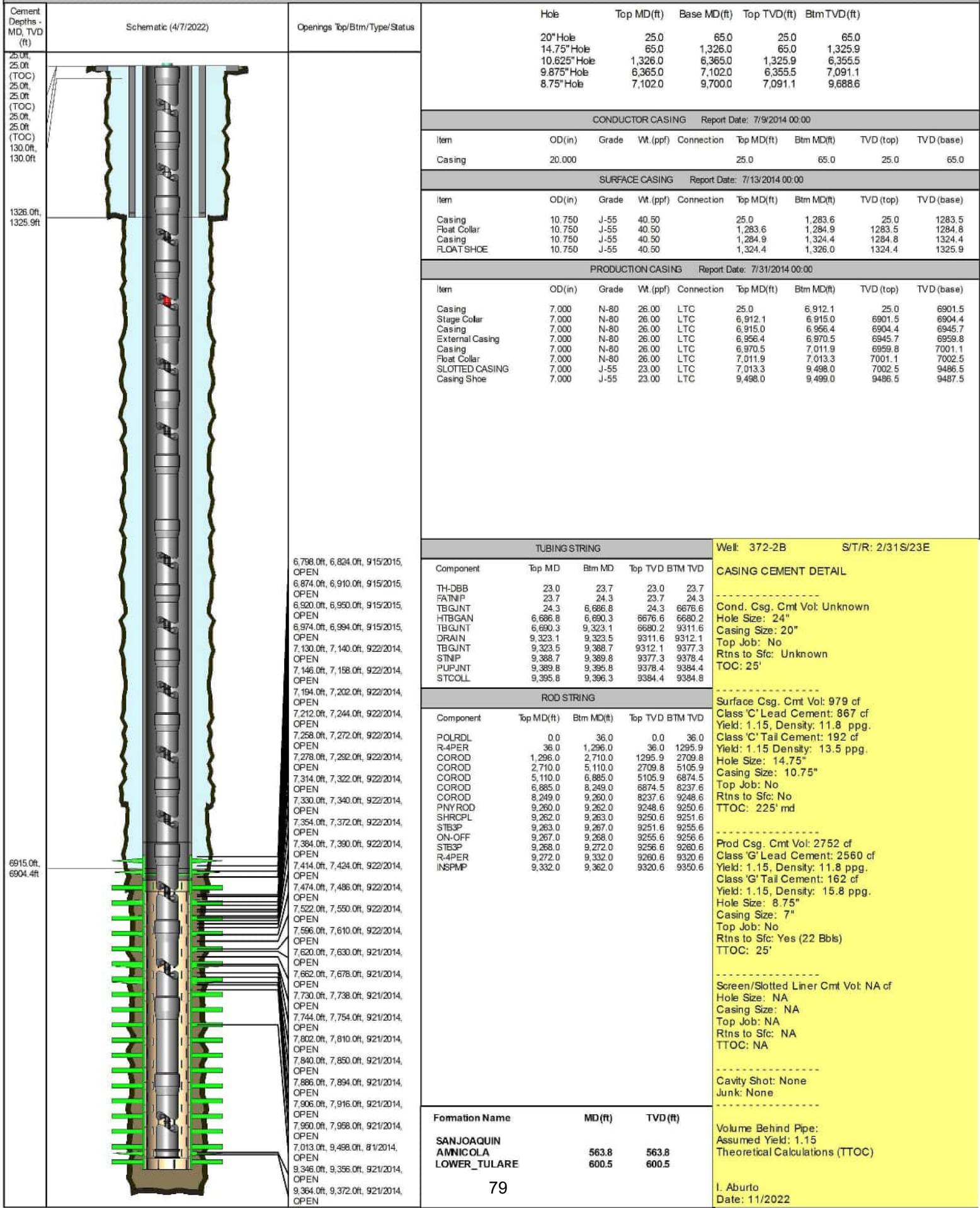
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: FINISHED - SUCCESS
 End date: 4/7/2022

372-2B

Ground Level: 1,169.6ft
 Datum: Original DF @ 1,194.60ft (H&P 381 Air Gap - 25')(default)
 KB: 25.0ft
 API-10: 0403055155

Wellbore: ORIGINAL HOLE
 PBMD: 9,499.0ft
 Btm TMD: 9,700.0ft
 Spud Date/Time: 7/13/2014
 BH Coord X: 6,123,019.57usft
 BH Coord Y: 2,286,090.34usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 Status date: 6/1/2007

1-2B

Ground Level: 1,055.0ft
 Datum: Original KB @ 1,060.00ft (default)
 KB: 5.0ft
 API-10: 0402927890

Wellbore: ORIGINAL HOLE
 PBMD: 0.0ft
 Btm TMD: 1,845.0ft
 Spud Date/Time: 12/1/1910
 BH Coord X: 6,121,741.76usft
 BH Coord Y: 2,284,012.93usft

Cement Depths - MD, TVD (ft)	Schematic: (8/1/2007)	Openings: Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
			20" Hole	0.0	325.0					
			14.75" Hole	325.0	750.0					
			9.875" Hole	750.0	1,845.0					
		PRE-SET CONDUCTOR Report Date: 12/1/1910 00:00								
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		Casing	16.000		65.00		5.0	325.0	5.0	325.0
		SURFACE CASING Report Date: 12/2/1910 00:00								
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		Casing	12.500		40.00		5.0	750.0	5.0	750.0
		PRODUCTION CASING Report Date: 12/3/1910 00:00								
Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
Casing	8.250		39.50		5.0	1,600.0	5.0	1600.0		
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 1-2B S/T/R: 2/31S/23E		
								CASING CEMENT DETAIL		

								Cond. Csg. Cmt Vol: NA		
								Hole Size: 20"		
								Casing Size: 16"		
								Top Job: No		
								Rtns to Sfc: NA		
								TOC: 5'		

								Surface Csg. Cmt Vol: NA		
								Class 'G' Lead Cement: NA		
								Yield: 0.0, Density: NA ppg.		
								Class 'G' Tail Cement: NAcf		
								Yield: 0.0, Density: NA ppg.		
								Hole Size: 14.75"		
								Casing Size: 12.5"		
								Top Job: No		
								Rtns to Sfc: NA		
								TTOC: 5'		

								Prod Csg. Cmt Vol: NA		
								Class 'G' Lead Cement: NA		
								Yield: 0.0, Density: NA ppg.		
								Class 'G' Tail Cement: NA		
								Yield: 0.0, Density: NA ppg.		
								Hole Size: 9.875"		
								Casing Size: 8.25"		
								Top Job: No		
								Rtns to Sfc: NA		
								TTOC: 5'		

								Screen/Slotted Liner Cmt Vol: NA		
								Hole Size: NA		
								Casing Size: NA		
								Top Job: NA		
								Rtns to Sfc: NA		
								TTOC: NA		

								Cavity Shot: None		
								Junk: None		

								Volume Behind Pipe:		
								Assumed Yield: 1.15		
								Theoretical Calculations (TTOC)		

								R. Aguilar		
								Date: 11/2022		
			Formation Name	MD(ft)	TVD(ft)	P&A Mud & Cement Details				

			Mud Volume: NA							
			Mud Weight: NA							
			Top of Mud: NA							
			Cement: 1179 cf @ 5' - 1845'							
			Top Cement: 3 cf @ 5' - 8'							

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CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: P&A
 Status Date: 7/1/1945

62-2B

Ground Level: 1,151.0ft
 Datum: Original DF @ 1,157.00ft (default)
 KB: 6.0ft
 API-10: 0402927891

Wellbore: ORIGINAL HOLE
 PBMD: 186.0ft
 Btm TMD: 4,550.0ft
 Spud Date/Time: 5/24/1945
 BH Coord X: 6,122,393.57usft
 BH Coord Y: 2,285,921.98usft

Cement Depths - MD, TVD (ft) 186.0ft 204.0ft (TOC) 26.0ft 26.0ft 204.0ft 204.0ft	Schematic (7/1/1945)	Openings Top/Btm/Type/Status	Hole								Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)	
		22" Hole								6.0	26.0	6.0	26.0		
		15.5" Hole								26.0	204.0	26.0	204.0		
		9.875" Hole								204.0	4,305.0	204.0	4,305.0		
		6.75" Hole								4,305.0	4,550.0	4,305.0	4,550.0		
		CONDUCTOR CASING Report Date: 5/7/1945 00:00													
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)					
		CASING JOINT(S)	18.625	J-55	87.50		10.0	26.0	10.0	26.0					
		SURFACE CASING Report Date: 5/24/1945 00:00													
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)					
CASING JOINT(S)	10.750	J-55	40.50		6.0	204.0	6.0	204.0							
PLUG BACK												Well: 62-2B		S/T/R: 2/31S/23E	
Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL										
CEMENT	186.0	204.0	186.0	204.0	Cond. Csg. Cmt Vol: 61 cf										
CEMENT	204.0	225.0	204.0	225.0	Transit Cement Mix										
PLUG BACK												Yield: 1.00, Density: 0.0 ppg			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 22"										
CEMENT	2,950.0	3,100.0	2950.0	3100.0	Casing Size: 18.625"										
PLUG BACK												Top Job: No			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: 1 Bbl										
CEMENT	4,277.0	4,305.0	4277.0	4305.0	TOC: 10'										
CEMENT	4,305.0	4,450.0	4305.0	4450.0	Surface Csg. Cmt Vol: 200 cf										
												Class 'C' Construction Cement			
												Yield: 1.18, Density: 0.0 ppg.			
												Hole Size: 15.5"			
												Casing Size: 10.75"			
												Top Job: 125 cf, Same Mix			
												Unknown Yield and Density			
												Rtns to Sfc: 8.7 Bbls			
												TTOC: 6'			
												Prod Csg. Cmt Vol: NA			
												Hole Size: NA			
												Casing Size: NA			
												Top Job: NA			
												Rtns to Sfc: NA			
												TTOC: NA			
												Screen/Slotted Liner Cmt Vol: NA			
												Hole Size: NA			
												Casing Size: NA			
												Top Job: NA			
												Rtns to Sfc: NA			
												TTOC: NA			
												Cavity Shot: None			
												Junk: None			
												Volume Behind Pipe:			
												Assumed Yield: 1.15			
												Theoretical Calculations (TTOC)			
Formation Name												MD(ft)	TVD(ft)	B. Galindo	
AMNICOLA												554.6	554.6	Date: 11/2022	
LOWER_TULARE												591.2	591.2	P&A Mud & Cement Details	
SANJOAQUIN												1,120.3	1,120.3	-----	
												Mud Volume: NA			
												Mud Weight: NA			
												Top of Mud: NA			
												Cement: 69 cf @ 4277' - 4450'			
												103.5 cf @ 2950' - 3100'			
												28.75 cf @ 221' - 225'			
												23 cf @ 186' - 218'			

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Field Name: ELK HILLS
Site Name: 02B
End Status: P&A
Status Date: 8/30/2023

Ground Level: 1,176.0ft
Datum: Original DF @ 1,182.00ft (default)
KB: 6.0ft
API-10: 0402927892

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 2,936.0ft
Spud Date/Time: 4/10/1945
BH Coord X: 6,123,791.75usft
BH Coord Y: 2,285,908.93usft

82-2B

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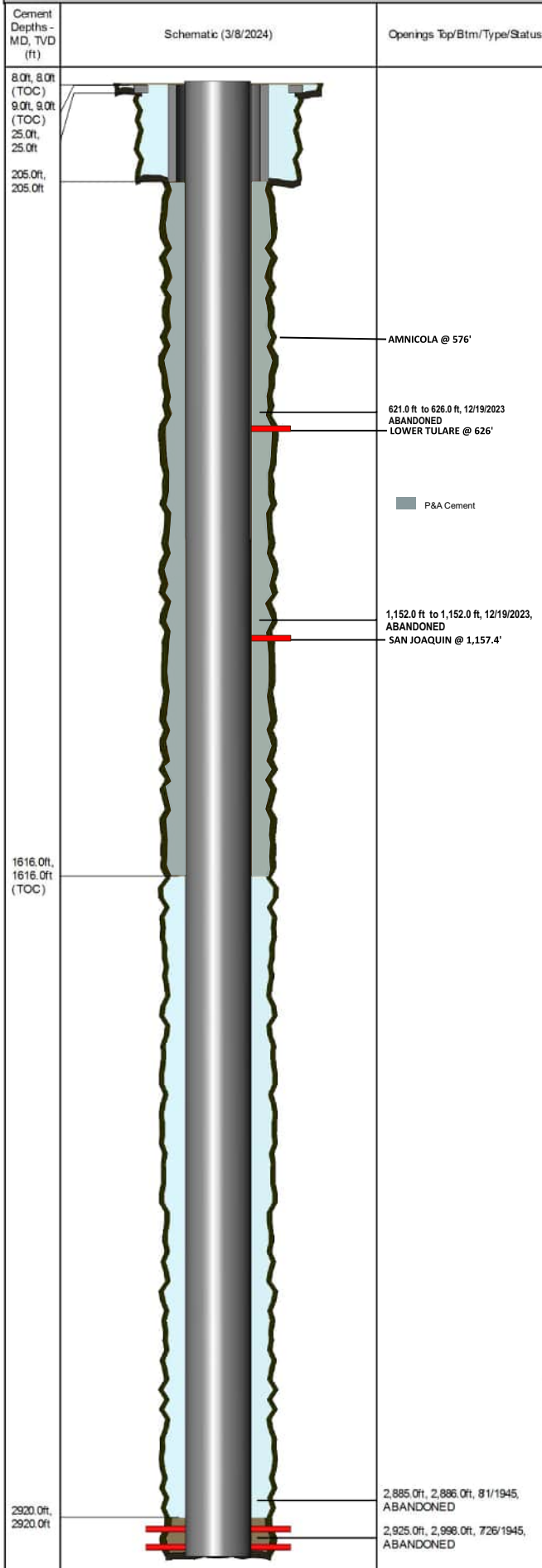
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P & A
 Status date: 3/8/2024

84-2B

Ground Level: 1,105.0ft
 Datum: Original DF @ 1,110.00ft (default)
 KB: 5.0ft
 API-10: 0402927893

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 3,000.0ft
 Spud Date: 7/12/1945
 BH Coord X: 6,123,714.75usft
 BH Coord Y: 2,284,570.93usft



Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
20" HOLE	5.0	25.0	5.0	25.0
15.5" HOLE	25.0	205.0	25.0	205.0
9.875" HOLE	205.0	3,000.0	205.0	3,000.0

CONDUCTOR CASING				Report Date: 7/12/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	18.000				9.0	25.0	9.0

SURFACE CASING				Report Date: 7/19/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	10.750	J-55	40.50	8RD	8.0	205.0	8.0

PRODUCTION CASING				Report Date: 7/26/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	7.000	H-40	20.00	8RD	6.0	2,925.0	6.0
SLOTTED LINER	7.000	J-55	20.00	8RD	2,925.0	2,998.0	2,925.0

PLUG BACK			
Component	Top MD	Btm MD	Top TVD
CEMENT	1.0	2,998.0	1.0

TUBING STRING			
Component	Top MD(ft)	Btm MD(ft)	Top TVD
TH-SGL	5.0	5.7	5.0

Well	S/T/R
84-2B	2/31S/23E

Casing Cement Detail			
Cond. Csg. Cmt Vol: 61 cf			
Hole Size: 20"			
Casing Size: 18"			
Top Job: No			
Rtns to Sfc: Unknown			
TOC: 5'			
Surface Csg. Cmt Vol: 236 cf			
Class 'C' Lead Cement: 236 cf			
Yield: 1.18, Density: 0.0 ppg.			
Class 'C' Tail Cement: 0 cf			
Yield: 0.0, Density: 0.0 ppg.			
Hole Size: 15.5"			
Casing Size: 10.75"			
Top Job: No			
Rtns to Sfc: Yes (22 cf)			
TTOC: 5'			
Prod Csg. Cmt Vol: 354 cf			
Class 'C' Lead Cement: 236 cf			
Yield: 1.18 Density: 0.0 ppg.			
Class 'C' Tail Cement: 118 cf			
Yield: 1.18, Density: 0.0 ppg.			
Hole Size: 9.875"			
Casing Size: 7"			
Top Job: No			
Rtns to Sfc: No			
TTOC: 1616'			
Screen/Slotted Liner Cmt Vol: NA			
Hole Size: NA			
Casing Size: NA			
Top Job: NA			
Rtns to Sfc: NA			
TTOC: NA			
Cavity Shot: None			
Junk: None			
Volume Behind Pipe:			
Assumed Yield: 1.15			
Theoretical Calculations (TTOC)			
R. Aguilar			
Date: 04/2024			

Formation Name	MD (ft)	TVD (ft)
AMNICOLA	576.4	576.4
LOWER TULARE	626.0	626.0
SANJOAQUIN	1,157.4	1,157.4

P&A Mud & Cement Details			
Mud Volume: NA			
Mud Weight: NA			
Top of Mud: NA			
Cement: 163 cf @ 2310' - 2987'			
344 cf @ 874' - 2310'			
150 cf @ 343' - 898'			
Top of Cement: 115 cf @ 0' - 388'			
Top Job: 50 cf @ 0' - 25'			

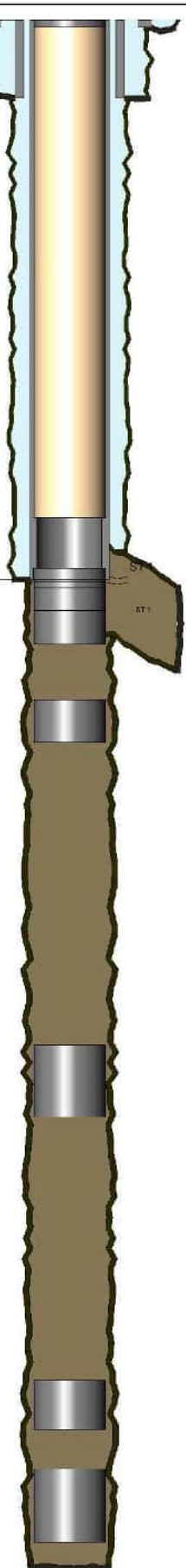
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: PERM ABAND
 Status date: 3/2/2005

384-2B

Ground Level: 1,104.0ft
 Datum: Original DF @ 1,113.00ft (default)
 KB: 9.0ft
 API-10: 0402952732

Wellbore: ORIGINAL HOLE
 PBMD: 3,646.0ft
 Btm TMD: 9,930.0ft
 Spud Date/Time: 2/15/1975
 BH Coord X: 6,123,398.75usft
 BH Coord Y: 2,284,536.21usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
9.0ft, 9.0ft (TOC)			24" Hole	9.0	58.0	9.0	58.0				
9.0ft, 9.0ft (TOC)			17.5" Hole	58.0	510.0	58.0	510.0				
9.0ft, 9.0ft (TOC)			12.25" Hole	510.0	3,595.0	510.0	3,594.8				
58.0ft, 58.0ft			8.75" Hole	3,595.0	9,930.0	3,594.8	9,919.4				
510.0ft, 510.0ft			CONDUCTOR CASING Report Date: 2/14/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	20.000	H-40	92.00		9.0	58.0	9.0	58.0
			SURFACE CASING Report Date: 2/16/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	13.375	K-55	54.50		9.0	510.0	9.0	510.0
			INTERMEDIATE CASING Report Date: 2/21/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	9.625	K-55	40.00		9.0	3,595.0	9.0	3594.8
			PLUG BACK					Well: 384-2B S/T/R: 2/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	9.0	55.0	9.0	55.0	Cond. Csg. Cmt Vol: Unknown			
			MUD	55.0	3,197.0	55.0	3196.8	Hole Size: 24"			
			PLUG BACK					Casing Size: 20"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
			CEMENT	3,520.0	3,595.0	3519.8	3594.8	Rtns to Sfc: Unknown			
			CEMENT	3,595.0	3,608.0	3594.8	3607.8	TOC: 9'			
			PLUG BACK					Surface Csg. Cmt Vol: 564 cf			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Lead Cement: 414 cf			
			CEMENT	3,608.0	3,652.0	3607.8	3651.8	Yield: 1.15, Density: 12 ppg.			
			PLUG BACK					Class 'G' Tail Cement: 150 cf			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: NA ppg.			
			CEMENT	3,646.0	3,792.0	3645.8	3791.7	Hole Size: 17.5"			
			PLUG BACK					Casing Size: 13.375"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
			CEMENT	3,795.0	4,006.0	3794.7	4005.7	Rtns to Sfc: Yes (11 Bbls)			
			PLUG BACK					TTOC: 9'			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Prod Csg. Cmt Vol: 1805 cf			
			CEMENT	3,795.0	4,006.0	3794.7	4005.7	Class 'G' Lead Cement: 1577 cf			
			PLUG BACK					Yield: 1.15, Density: NA ppg.			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'G' Tail Cement: 228 cf			
			CEMENT	4,363.0	4,636.0	4362.6	4635.5	Yield: 1.15, Density: NA ppg.			
			PLUG BACK					Hole Size: 12.25"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 9.625"			
			CEMENT	4,363.0	4,636.0	4362.6	4635.5	Top Job: No			
			PLUG BACK					Rtns to Sfc: Yes (119 Bbls)			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: 9'			
			CEMENT	6,576.0	7,034.0	6574.9	7032.4	Screen/Slotted Liner Cmt Vol: NA			
			PLUG BACK					Hole Size: NA			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: NA			
			CEMENT	8,720.0	9,037.0	8714.8	9029.9	Top Job: NA			
			PLUG BACK					Rtns to Sfc: NA			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: NA			
			CEMENT	8,720.0	9,037.0	8714.8	9029.9	Cavity Shot: None			
			PLUG BACK					Junk: None			
			PLUG BACK					Volume Behind Pipe:			
			PLUG BACK					Assumed Yield: 1.15			
			PLUG BACK					Theoretical Calculations (TTOC)			
			PLUG BACK					R. Aguilar			
			PLUG BACK					Date: 11/2022			
			PLUG BACK					P&A Mud & Cement Details			
			PLUG BACK					-----			
			PLUG BACK					Mud Volume: NA			
			PLUG BACK					Mud Weight: NA			
			PLUG BACK					Top of Mud: NA			
			PLUG BACK					Cement: 208 cf @ 9288' - 9750'			
			PLUG BACK					146 cf @ 8720' - 9037'			
			PLUG BACK					250 cf @ 6576' - 7033'			
			PLUG BACK					130 cf @ 4363' - 4635'			
			PLUG BACK					130 cf @ 3795' - 4008'			
			PLUG BACK					141 cf @ 3646' - 3790'			
			PLUG BACK					KOP: @ 6813'			
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CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 11/2/2016

342-2B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,161.00ft (WELACO WLU)(default)
 KB: 12.0ft
 API-10: 0402954278

Wellbore: ORIGINAL HOLE
 PBMD: 6,634.0ft
 Btm TMD: 8,000.0ft
 Spud Date/Time: 12/3/1976
 BH Coord X: 6,120,935.45usft
 BH Coord Y: 2,286,173.63usft

Cement Depths - MD, TVD (ft)	Schematic (11/2/2016)	Openings Top/Btm/Type/Status
12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 53.0ft, 53.0ft 356.0ft, 356.0ft		
3400.0ft, 3399.9ft		
6663.0ft, 6660.1ft (TOC) 6685.0ft, 6682.1ft 7050.0ft, 7046.3ft		

6,210.0ft, 6,211.0ft, 1/7/1977, SQUEEZED
 6,305.0ft, 6,360.0ft, 2/13/2009, OPEN
 6,321.0ft, 6,365.0ft, 1/7/1977, OPEN
 6,365.0ft, 6,453.0ft, 1/7/1977, OPEN
 6,663.0ft, 6,685.0ft, 1/5/1977, SQUEEZED

6663.0ft, 6660.1ft (TOC)
 6685.0ft, 6682.1ft
 7050.0ft, 7046.3ft

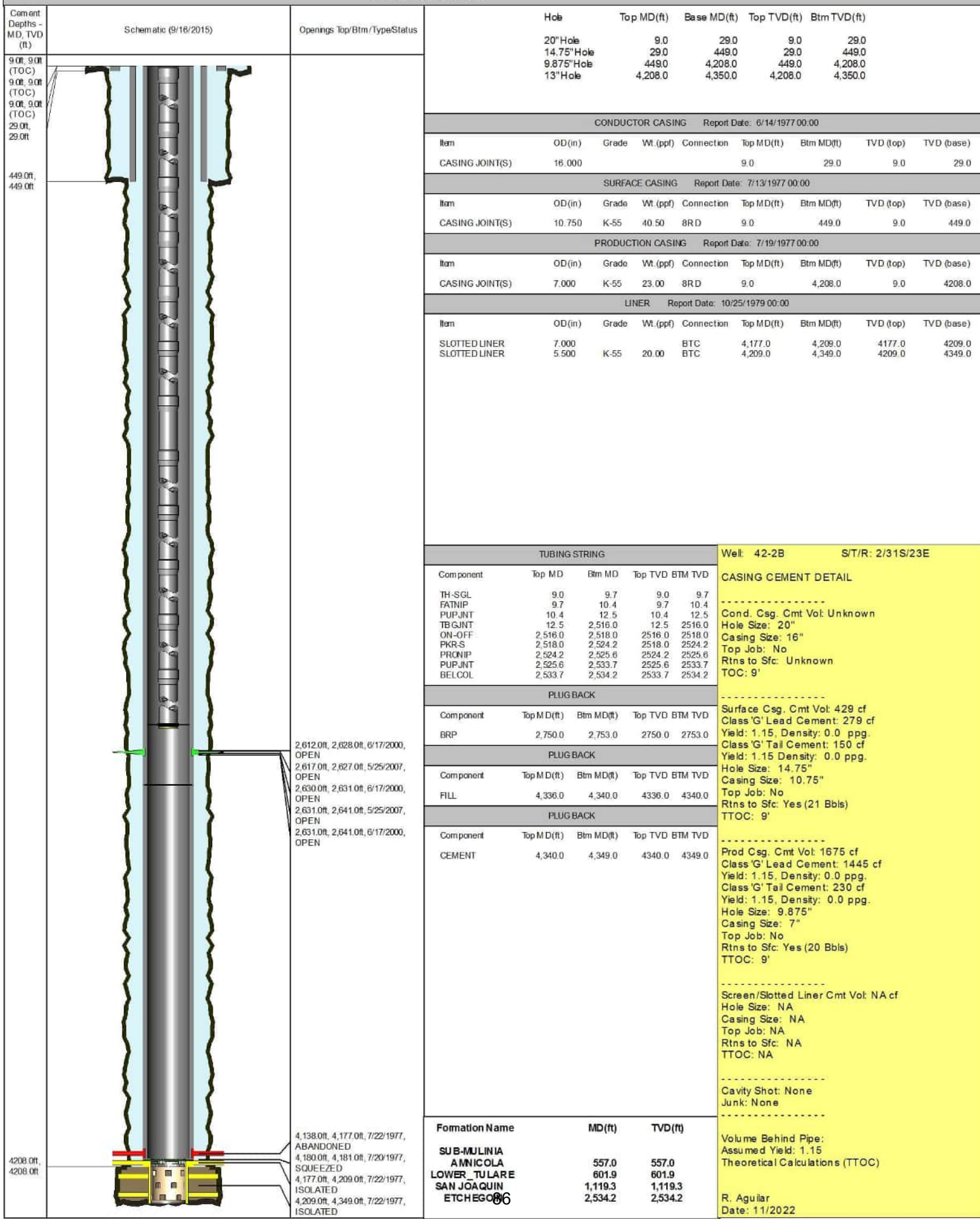
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 9/16/2015

42-2B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,158.00ft (default)
 KB: 9.0ft
 API-10: 0402955674

Wellbore: ORIGINAL HOLE
 PBMD: 2,750.0ft
 Btm TMD: 4,350.0ft
 Spud Date/Time: 7/12/1977
 BH Coord X: 6,121,009.76usft
 BH Coord Y: 2,286,026.93usft



2,612.0ft, 2,628.0ft, 6/17/2000, OPEN
 2,617.0ft, 2,627.0ft, 5/25/2007, OPEN
 2,630.0ft, 2,631.0ft, 6/17/2000, OPEN
 2,631.0ft, 2,641.0ft, 5/25/2007, OPEN
 2,631.0ft, 2,641.0ft, 6/17/2000, OPEN

4,138.0ft, 4,177.0ft, 7/22/1977, ABANDONED
 4,180.0ft, 4,181.0ft, 7/20/1977, SQUEEZED
 4,177.0ft, 4,209.0ft, 7/22/1977, ISOLATED
 4,209.0ft, 4,349.0ft, 7/22/1977, ISOLATED

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 End date: 10/15/2005

3-22-2B

Ground Level: 1,142.0ft
 Datum: Original DF @ 1,157.00ft (KEY 0446)(default)
 KB: 15.0ft
 API-10: 0402956062

Wellbore: ORIGINAL HOLE
 PBMD: 3,384.0ft
 Btm TMD: 6,819.0ft
 Spud Date/Time: 9/26/1977
 BH Coord X: 6,119,822.86usft
 BH Coord Y: 2,286,359.13usft

Cement Depths - MD, TVD (ft)	Schematic (10/15/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	BtmTVD(ft)
18.0ft, 19.5ft (TOC) 19.0ft, 20.5ft (TOC) 22.0ft, 23.5ft (TOC) 56.0ft, 57.5ft (TOC) 315.0ft, 316.3ft			24" Hole 17.5" Hole 12.25" Hole 8.75" Hole	15.0 56.0 315.0 3,000.0	56.0 315.0 3,000.0 6,819.0		6,790.9
CONDUCTOR CASING Report Date: 8/2/1977 00:00							
Item OD(in) Grade Wt (ppf) Connection Top MD(ft) Btm MD(ft) TVD (top) TVD (base)							
CASING JOINT(S) 20.000 H-40 94.00 STC 22.0 56.0 23.5 57.5							
SURFACE CASING Report Date: 9/27/1977 00:00							
Item OD(in) Grade Wt (ppf) Connection Top MD(ft) Btm MD(ft) TVD (top) TVD (base)							
CASING JOINT(S) 13.375 K-55 54.50 STC 19.0 315.0 20.5 316.3							
PRODUCTION CASING Report Date: 10/1/1977 00:00							
Item OD(in) Grade Wt (ppf) Connection Top MD(ft) Btm MD(ft) TVD (top) TVD (base)							
CASING JOINT(S) 9.625 K-55 40.50 18.0 3,000.0 19.5 2999.3							
PLUG BACK							
Component Top MD Btm MD Top TVD Btm TVD							
CEMENT 2,937.0 2,940.0 2936.4 2939.4							
BP-PRM 2,940.0 2,943.0 2939.4 2942.4							
PLUG BACK							
Component Top MD(ft) Btm MD(ft) Top TVD Btm TVD							
CEMENT 4,020.0 4,425.0 4006.8 4406.2							
PLUG BACK							
Component Top MD(ft) Btm MD(ft) Top TVD Btm TVD							
MUD 4,425.0 6,040.0 4406.2 6012.1							
PLUG BACK							
Component Top MD(ft) Btm MD(ft) Top TVD Btm TVD							
CEMENT 6,040.0 6,405.0 6012.1 6376.9							
PLUG BACK							
Component Top MD(ft) Btm MD(ft) Top TVD Btm TVD							
MUD 6,405.0 6,468.0 6376.9 6439.8							
PLUG BACK							
Component Top MD(ft) Btm MD(ft) Top TVD Btm TVD							
CEMENT 6,468.0 6,810.0 6439.8 6781.8							
PLUG BACK							
Component Top MD(ft) Btm MD(ft) Top TVD Btm TVD							
MUD 6,810.0 6,819.0 6781.8 6790.8							
Well: 3-22-2B S/T/R: 2/31S/23E							
CASING CEMENT DETAIL							

Cond. Csg. Cmt Vol: Unknown							
Hole Size: 24"							
Casing Size: 20"							
Top Job: No							
Rtns to Sfc: Unknown							
TOC: 15'							

Surface Csg. Cmt Vol: 333 cf							
Class 'G' Lead Cement: 183 cf							
Yield: 1.15, Density: 0.0 ppg.							
Class 'G' Tail Cement: 150 cf							
Yield: 1.15, Density: 0.0 ppg.							
Hole Size: 17.5"							
Casing Size: 13.375"							
Top Job: No							
Rtns to Sfc: Yes (2 Bbls)							
TTOC: 15'							

Prod Csg. Cmt Vol: 1520 cf							
Class 'G' Lead Cement: 1290 cf							
Yield: 1.15, Density: 0.0 ppg.							
Class 'G' Tail Cement: 230 cf							
Yield: 1.15, Density: 0.0 ppg.							
Hole Size: 12.25"							
Casing Size: 9.625"							
Top Job: No							
Rtns to Sfc: Yes (49 Bbls)							
TTOC: 15'							

Screen/Slotted Liner Cmt Vol: NA							
Hole Size: NA							
Casing Size: NA							
Top Job: NA							
Rtns to Sfc: NA							
TTOC: NA							

Cavity Shot: None							
Junk: None							

Volume Behind Pipe:							
Assumed Yield: 1.15							
Theoretical Calculations (TTOC)							

R. Aguilar							
Date: 11/2022							
Formation Name MD(ft) TVD(ft)							
SMULN 561.2 3,099.3							
AMNICOLA 596.6 3,099.3							
LOWER TULARE 1,112.2 3,099.3							
SAN JOAQUIN 2,539.2 3,099.3							
ETCHEGOIN 6,308.5 6,280.5							
MONTEREY							
P&A Mud & Cement Details							

Mud Volume: NA							
Mud Weight: NA							
Top of Mud: NA							
Cement: 225 cf @ 6468' - 6810'							
165 cf @ 6040' - 6405'							
165 cf @ 4020' - 4425'							
KOP: @ 3381'							

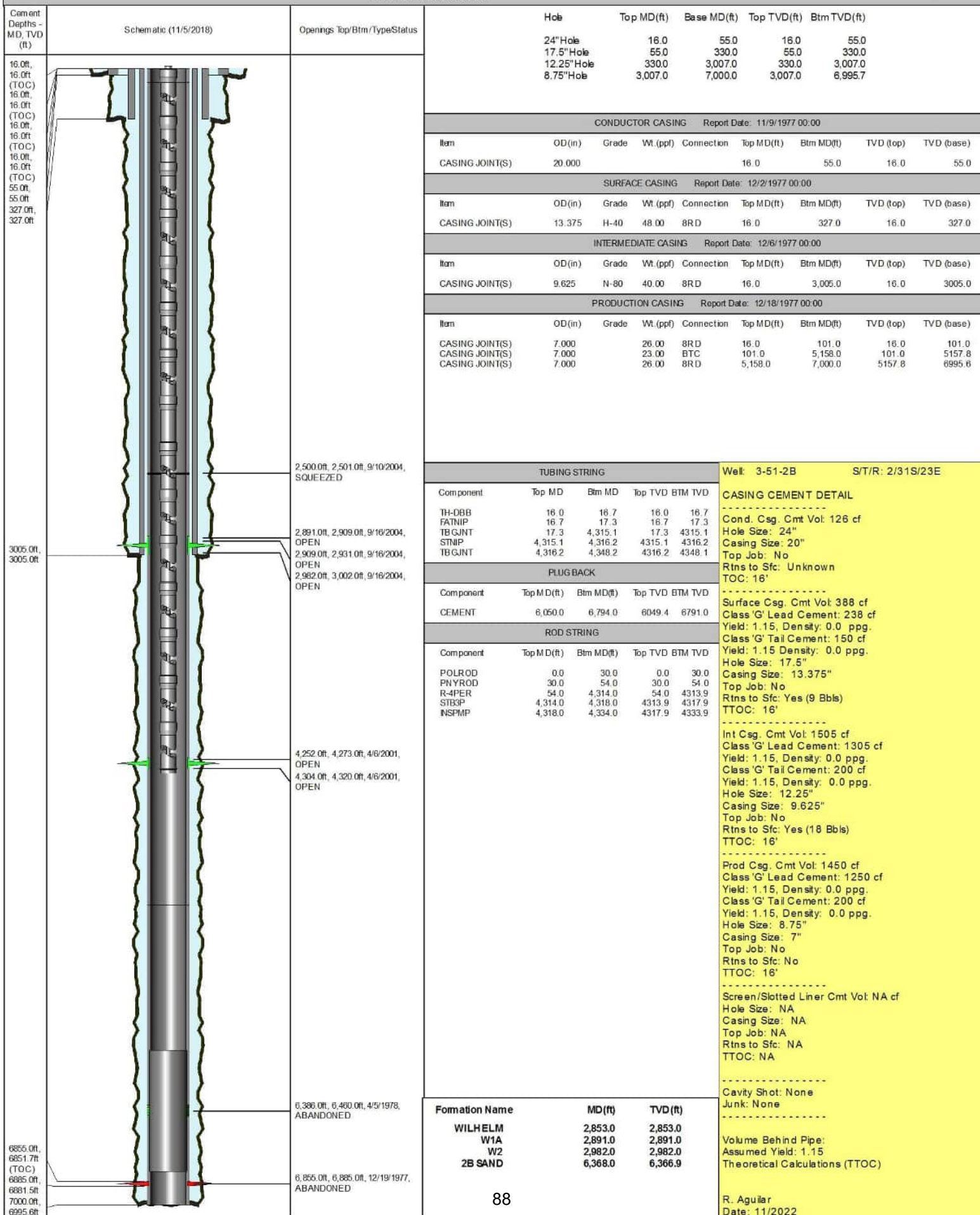
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 11/5/2018

3-51-2B

Ground Level: 1,193.0ft
 Datum: Original DF @ 1,209.00ft (default)
 KB: 16.0ft
 API-10: 0402956658

Wellbore: ORIGINAL HOLE
 PBMD: 6,050.0ft
 Btm TMD: 7,000.0ft
 Spud Date/Time: 12/2/1977
 BH Coord X: 6,121,537.57usft
 BH Coord Y: 2,286,584.42usft



Attachment A

Exhibit A-10 – Well Construction Details for Wells Located Within and Adjacent to ¼-Mile Radius Area of Review

WELL CONSTRUCTION DETAILS FOR WELLS LOCATED IN SECTION 1B

Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 7/15/1950

Ground Level: 1,172.1ft
Datum: Original KB @ 1,177.10ft (default)
KB: 5.0ft
API-10: 0402927876

Wellbore: ORIGINAL HOLE
PBMD: 5.0ft
Btm TMD: 2,730.0ft
Spud Date/Time: 8/21/1923
BH Coord X: 6,129,427.24usft
BH Coord Y: 2,286,514.43usft

1-1B

</

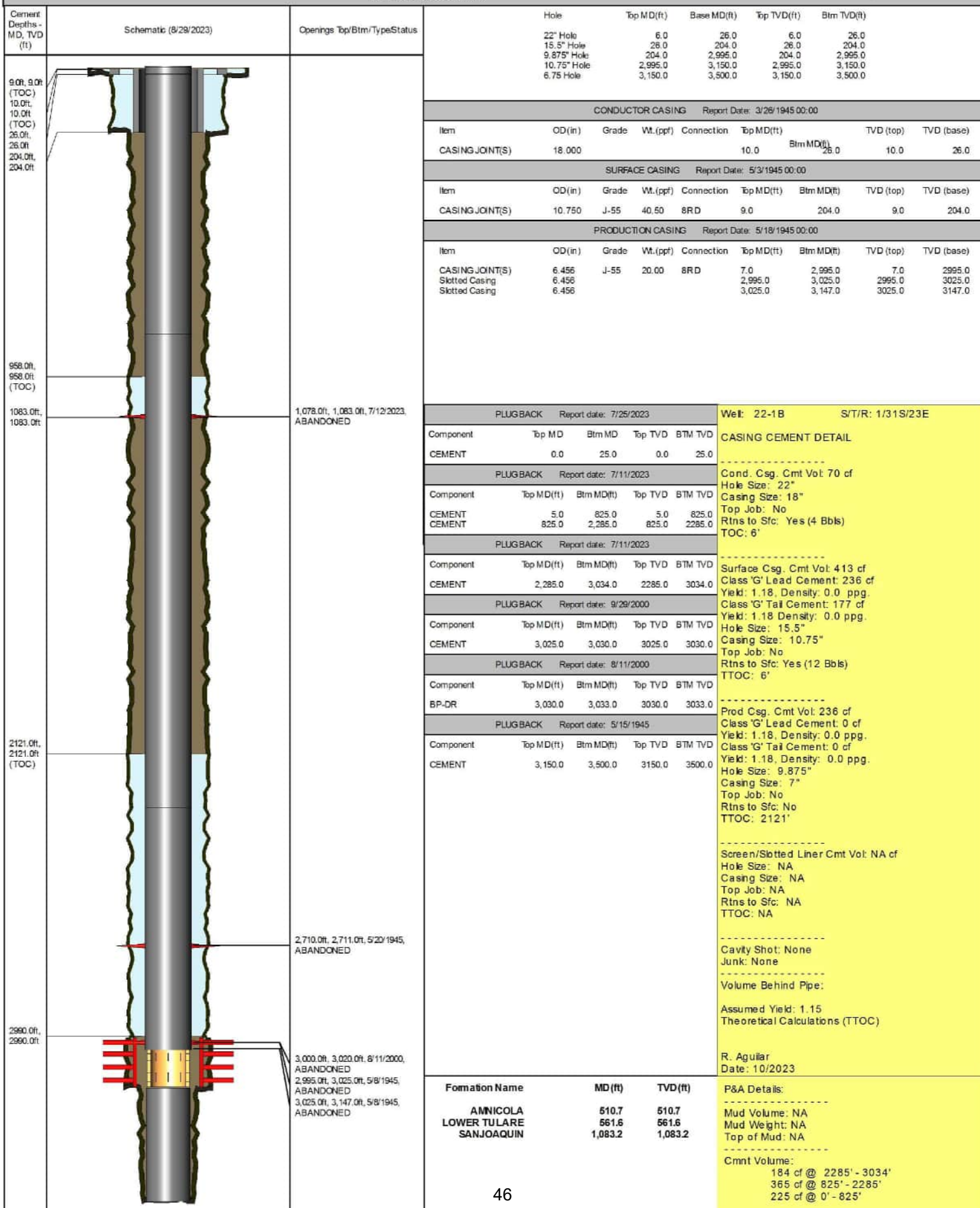
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 8/29/2023

22-1B

Ground Level: 1,115.0ft
 Datum: Original DF @ 1,121.00ft (default)
 KB: 6.0ft
 API-10: 0402927878

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 3,500.0ft
 Spud Date/Time: 5/3/1945
 BH Coord X: 6,125,054.25usft
 BH Coord Y: 2,285,905.93usft



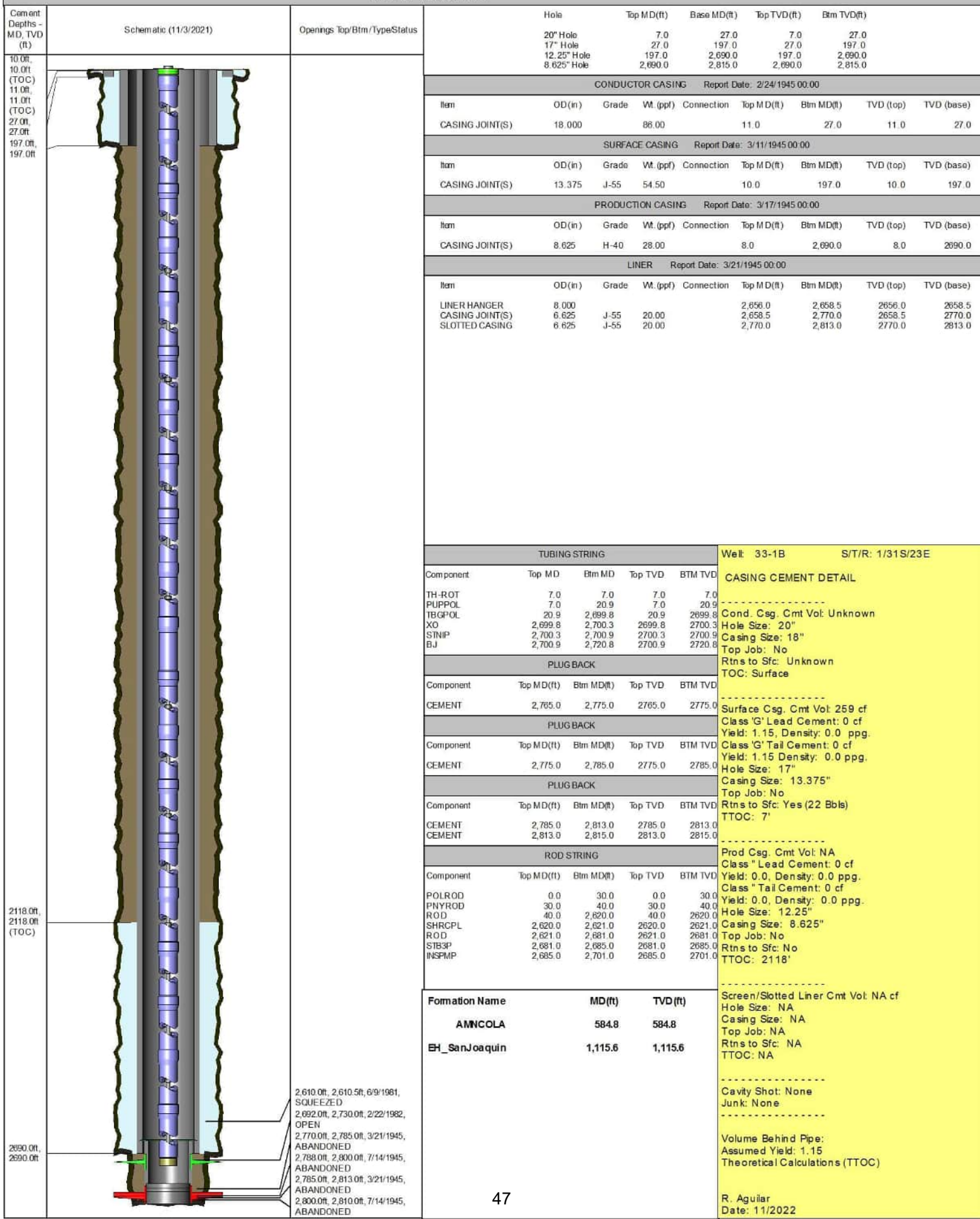
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/3/2021

33-1B

Ground Level: 1,102.0ft
 Datum: Original KB @ 1,109.00ft (default)
 KB: 7.0ft
 API-10: 0402927879

Wellbore: ORIGINAL HOLE
 PBMD: 2,784.0ft
 Btm TMD: 2,815.0ft
 Spud Date/Time: 3/11/1945
 BH Coord X: 6,125,784.25usft
 BH Coord Y: 2,285,220.93usft



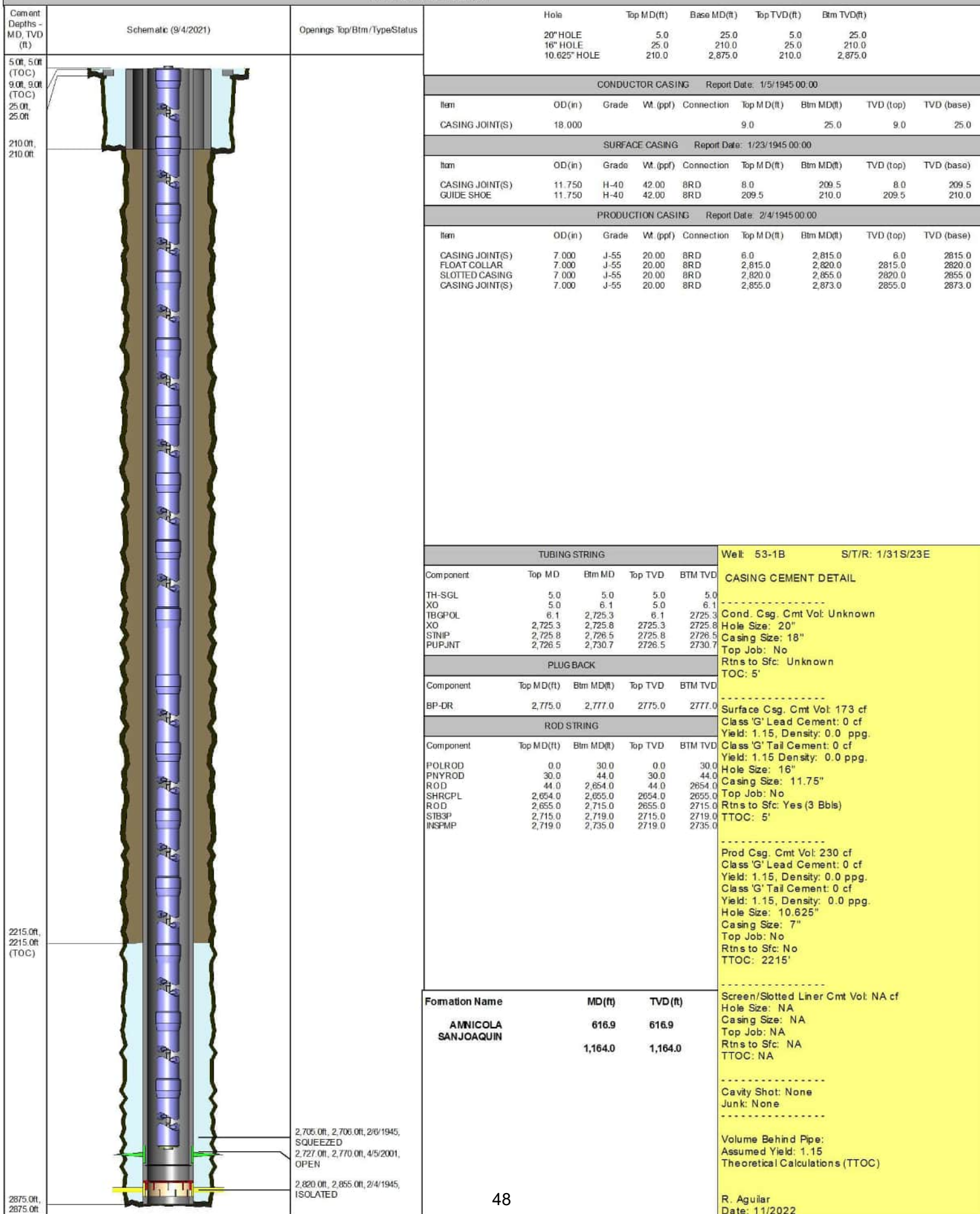
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/4/2021

53-1B

Ground Level: 1,178.0ft
 Datum: Original KB @ 1,183.00ft (default)
 KB: 5.0ft
 API-10: 0402927881

Wellbore: ORIGINAL HOLE
 PBMD: 2,775.0ft
 Btm TMD: 2,875.0ft
 Spud Date/Time: 1/22/1945
 BH Coord X: 6,127,053.75usft
 BH Coord Y: 2,285,199.43usft

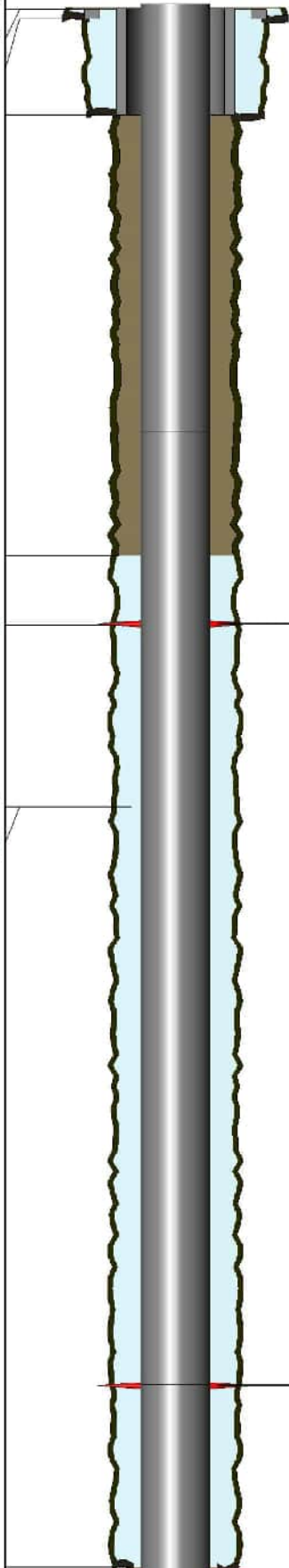


Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 8/29/2023

Ground Level: 1,116.0ft
Datum: Original KB @ 1,121.00ft (default)
KB: 5.0ft
API-10: 0402927888

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 2,763.0ft
Spud Date/Time: 5/12/1952
BH Coord X: 6,125,116.25usft
BH Coord Y: 2,285,960.93usft

222-1B

Cement Depths - MD, TVD (ft)	Schematic (5/29/2023)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
8.0ft, 8.0ft (TOC)			20" Hole	5.0	25.0	5.0	25.0				
9.0ft, 9.0ft (TOC)			16" Hole	25.0	192.0	25.0	192.0				
25.0ft, 25.0ft			10.625" Hole	192.0	2,713.0	192.0	2,713.0				
192.0ft, 192.0ft			7.625" Hole	2,713.0	2,763.0	2,713.0	2,763.0				
			CONDUCTOR CASING Report Date: 4/15/1952 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	18.000				9.0	25.0	9.0	25.0
			SURFACE CASING Report Date: 5/13/1952 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	11.750	H-40	42.00	STC	8.0	192.0	8.0	192.0
		PRODUCTION CASING Report Date: 5/18/1952 00:00									
		Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
		CASING JOINT(S)	7.000	J-55	20.00	STC	6.0	2,713.0	6.0	2713.0	
		LINER Report Date: 5/20/1952 00:00									
		Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
		CASING JOINT(S)	5.500	J-55	20.00	LTC	2,677.0	2,713.0	2677.0	2713.0	
		SLOTTED LINER	5.500	J-55	20.00	LTC	2,713.0	2,761.0	2713.0	2761.0	
		PLUGBACK Report date: 5/5/2023						Well: 222-1B S/T/R: 1/31S/23E			
		Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL				
		CEMENT	0.0	25.0	0.0	25.0	-----				
		PLUGBACK Report date: 5/4/2023						Cond. Csg. Cmt Vol: 48 cf			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: 20"				
		CEMENT	0.0	741.0	0.0	741.0	Casing Size: 18"				
		PLUGBACK Report date: 5/3/2023						Top Job: No			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: Yes (3 Bbls)				
		CEMENT	741.0	2,396.0	741.0	2396.0	TOC: 5'				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 590 cf				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Class 'C' Lead Cement: 0 cf				
		PLUGBACK Report date: 5/2/2023						Yield: 1.18, Density: 0.0 ppg.			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Tail Cement: 0 cf				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Yield: 1.18 Density: 0.0 ppg.				
		PLUGBACK Report date: 5/2/2023						Hole Size: 16"			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 11.75"				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top Job: No				
		PLUGBACK Report date: 5/2/2023						Rtns to Sfc: Yes (22 Bbls)			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: 5'				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Prod Csg. Cmt Vol: 480 cf			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Lead Cement: 0 cf				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Yield: 1.15, Density: 0.0 ppg.				
		PLUGBACK Report date: 5/2/2023						Class 'C' Tail Cement: 0 cf			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 0.0 ppg.				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Hole Size: 9.875"				
		PLUGBACK Report date: 5/2/2023						Casing Size: 7"			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Rtns to Sfc: No				
		PLUGBACK Report date: 5/2/2023						TTOC: 1393'			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Screen/Slotted Liner Cmt Vol: NA cf				
		PLUGBACK Report date: 5/2/2023						Hole Size: NA			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: NA				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top Job: NA				
		PLUGBACK Report date: 5/2/2023						Rtns to Sfc: NA			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	TTOC: NA				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Cavity Shot: None			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Junk: None				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Volume Behind Pipe:			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Assumed Yield: 1.15				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Theoretical Calculations (TTOC)				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	R. Aguilar				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Date: 10/2023				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	P&A Details				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	-----				
		PLUGBACK Report date: 5/2/2023						Mud Volume: NA			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Mud Weight: NA				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top of Mud: NA				
		PLUGBACK Report date: 5/2/2023						-----			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Cmnt Volume:				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	113cf @ 2396' - 2743'				
		PLUGBACK Report date: 5/2/2023						420cf @ 741' - 2396'			
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	240cf @ 0' - 741'				
		CEMENT	2,396.0	2,743.0	2396.0	2743.0	Top Job: 100 cf "G" @ 0' - 25'				

49

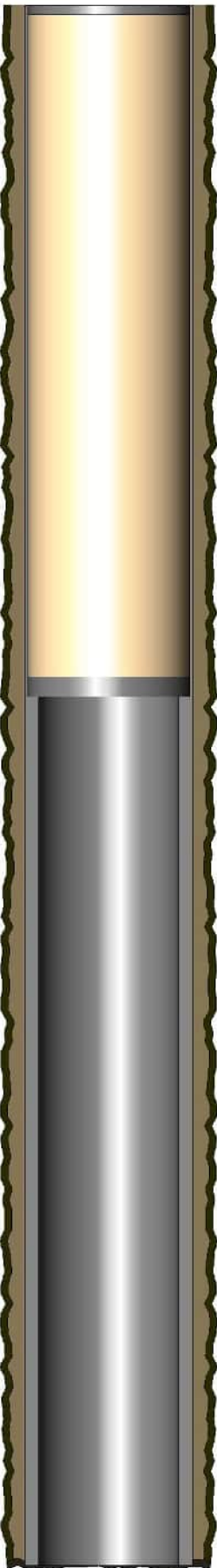
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 7/6/1934

1C-1B

Ground Level: 1,095.0ft
 Datum: Original KB @ 1,100.00ft (default)
 KB: 5.0ft
 API-10: 0402927889

Wellbore: ORIGINAL HOLE
 PBMD: 5.0ft
 Btm TMD: 2,763.0ft
 Spud Date/Time: 12/21/1921
 BH Coord X: 6,127,050.25usft
 BH Coord Y: 2,283,760.93usft

Cement Depths - MD, TVD (ft)	Schematic (7/6/1934)	Openings Top/Btm/Type/Status	<table><tr><td>Hole</td><td>Top MD(ft)</td><td>Base MD(ft)</td><td colspan="2">Top TVD(ft)</td><td colspan="2">Btm TVD(ft)</td></tr><tr><td>18" Hole</td><td>5.0</td><td>795.0</td><td>5.0</td><td colspan="2">795.0</td></tr></table>								Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)		Btm TVD(ft)		18" Hole	5.0	795.0	5.0	795.0																																																																																																																																																																																																																																																																																																																																																																																																						
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	<table><tr><th colspan="5">PLUG BACK</th><th colspan="3">Well: 1C-1B S/T/R: 1/31S/23E</th></tr><tr><th>Component</th><th>Top MD</th><th>Btm MD</th><th>Top TVD</th><th>BTM TVD</th><th colspan="4">CASING CEMENT DETAIL</th></tr><tr><td>CEMENT</td><td>5.0</td><td>10.0</td><td>5.0</td><td>10.0</td><td colspan="4">-----</td></tr><tr><td>MUD</td><td>10.0</td><td>345.0</td><td>10.0</td><td>345.0</td><td colspan="4">Cond. Csg. Cmt Vol: NA</td></tr><tr><td>CEMENT</td><td>345.0</td><td>355.0</td><td>345.0</td><td>355.0</td><td colspan="4">Hole Size: 18"</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Casing Size: 16"</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Top Job: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Rtns to Sfc: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">TOC: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">-----</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Surface Csg. Cmt Vol: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Class " Lead Cement: NA cf</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Yield: 0, Density: NA ppg.</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Class " Tail Cement: NA cf</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Yield: 0, Density: NA ppg.</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Hole Size: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Casing Size: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Top Job: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Rtns to Sfc: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">TTOC: NA</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">-----</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td colspan="4">Prod Csg. 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Csg. Cmt Vol: NA				CEMENT	345.0	355.0	345.0	355.0	Hole Size: 18"									Casing Size: 16"									Top Job: NA									Rtns to Sfc: NA									TOC: NA									-----									Surface Csg. Cmt Vol: NA									Class " Lead Cement: NA cf									Yield: 0, Density: NA ppg.									Class " Tail Cement: NA cf									Yield: 0, Density: NA ppg.									Hole Size: NA									Casing Size: NA									Top Job: NA									Rtns to Sfc: NA									TTOC: NA									-----									Prod Csg. Cmt Vol: NA									Class " Lead Cement: NA									Yield: 0, Density: NA ppg.									Class " Tail Cement: NA									Yield: 0, Density: NA ppg.									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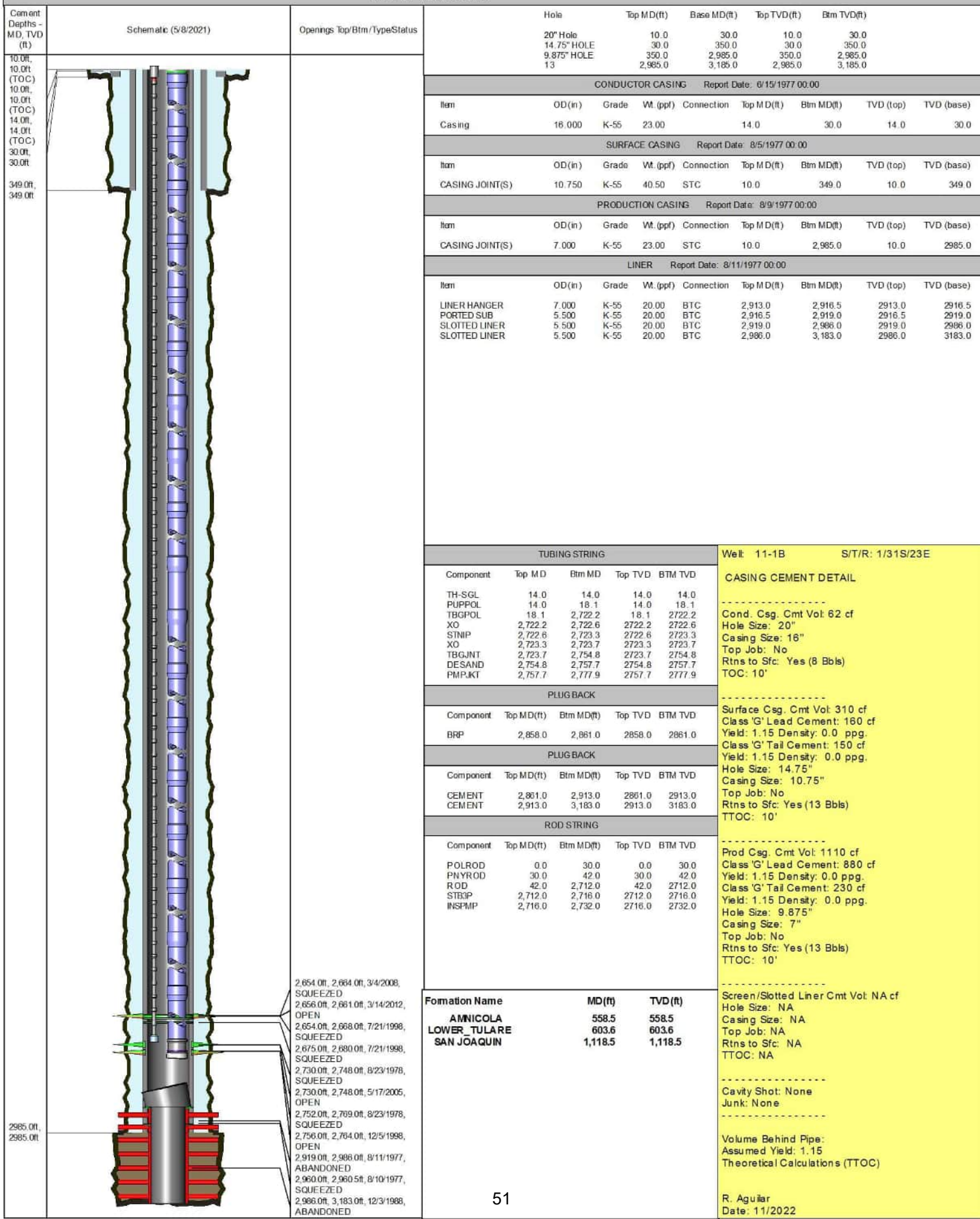
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/8/2021

11-1B

Ground Level: 1,184.0ft
 Datum: Original DF @ 1,194.00ft (default)
 KB: 10.0ft
 API-10: 0402955672

Wellbore: ORIGINAL HOLE
 PBMD: 2,858.0ft
 Btm TMD: 3,185.0ft
 Spud Date/Time: 8/4/1977
 BH Coord X: 6,124,385.75usft
 BH Coord Y: 2,286,532.93usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 5/29/2019

13-1B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,159.00ft (default)
 KB: 10.0ft
 API-10: 0402955673

Wellbore: ORIGINAL HOLE
 PBMD: 680.0ft
 Btm TMD: 3,232.5ft
 Spud Date/Time: 11/8/1978
 BH Coord X: 6,124,379.74usft
 BH Coord Y: 2,285,340.37usft

Cement Depths - MD, TVD (ft)	Schematic (5/29/2019)	Openings Top/Btm/Type/Status										
10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 30.0ft, 30.0ft 91.0ft, 91.0ft 360.0ft, 360.0ft												
680.0ft, 680.0ft												

Field Name: ELKHILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 10/4/2016

21-1B

Ground Level: 1,180.0ft
Datum: Original DF @ 1,190.00ft (default)
KB: 10.0ft
API-10: 0402956092

Wellbore: ORIGINAL HOLE
PBMD: 3,073.0ft
Btm TMD: 3,175.0ft
Spud Date: 10/12/1977 00:00
BH Coord X: 6,125,062.25usft
BH Coord Y: 2,286,568.93usft

Borehole Section	Cement Depths - MD, TVD (ft)	Schematic (10/4/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)						
10.0ft, 10.0ft 30.0ft, 30.0ft	10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 10.0ft, 10.0ft (TOC) 30.0ft, 30.0ft			20" Hole	10.0	30.0	10.0	30.0						
				14.75" HOLE	30.0	337.0	30.0	337.0						
				9.875" HOLE	337.0	2,980.0	337.0	2,980.0						
				13" HOLE	2,980.0	3,075.0	2,980.0	3,075.0						
				7.875" HOLE	3,075.0	3,175.0	3,075.0	3,175.0						
				CONDUCTOR CASING Report Date: 10/11/1977 00:00										
				Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
				CASING JOINT(S)	16.000				10.0	30.0	10.0	30.0		
				SURFACE CASING Report Date: 10/12/1977 00:00										
				Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			CASING JOINT(S)	10.750	K-55	40.50	STC	10.0	337.0	10.0	337.0			
			PRODUCTION CASING Report Date: 10/16/1977 00:00											
			Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
			CASING JOINT(S)	7.000	K-55	23.00	STC	9.0	2,980.0	9.0	2980.0			
			INNER LINER Report Date: 2/10/2006 00:00											
			Item	OD(in)	Grade	WT.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
			SEAL ADAPTER	5.563				2,700.6	2,701.6	2700.6	2701.6			
			LANDING NIPPLE	5.500				2,701.6	2,702.8	2701.6	2702.8			
			SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,702.8	2,742.3	2702.8	2742.3			
			SLOTTED LINER	5.500	K-55	17.00	HYD 511	2,742.3	2,906.9	2742.3	2906.9			
			CROSSOVER	5.500	K-55		HYD 511	2,906.9	2,907.8	2906.9	2907.8			
			SLOTTED LINER	3.500	K-55	9.30	HYD 511	2,907.8	3,070.0	2907.8	3070.0			
			DRILL-IN SHOE	3.500			HYD 511	3,070.0	3,073.0	3070.0	3073.0			
			TUBING STRING						Well: 21-1B S/T/R: 1/31S/23E					
				TVD (top)		TVD (base)		CASING CEMENT DETAIL						
			TH-ROT	10.0	10.0	10.0	10.0	Cond. Csg. Cmt Vol: 54cf						
			PUPPOL	10.0	12.1	10.0	12.1	Hole Size: 20"						
			TBGPOL	12.1	2,893.6	12.1	2,893.6	Casing Size: 16"						
			XO	2,893.6	2,894.1	2,893.6	2,894.1	Top Job: No						
			STNIP	2,894.1	2,894.8	2,894.1	2,894.8	Rtns to Sfc: Yes						
			XO	2,894.8	2,895.3	2,894.8	2,895.3	TOC: 10'						
			PMPJKT	2,895.3	2,914.9	2,895.3	2,914.9	Surf. Csg. Cmt Vol: 300 cf						
			PLUGBACK						Class 'G' Lead Cement 150 cf					
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Yield: 1.3, Density: NA ppg.						
			CEMENT	3,083.0	3,156.0	3083.0	3156.0	Class 'G' Tail Cement 150 cf						
			ROD STRING						Yield: 1.3, Density: NA ppg.					
			Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	Hole Size: 14.75"						
			POLROD	0.0	30.0	0.0	30.0	Casing Size: 10.75"						
			PNYROD	30.0	34.0	30.0	34.0	Top Job: No						
			ROD	34.0	1,744.0	34.0	1744.0	Rtns to Sfc: Yes (13 bbls)						
			ROD	1,744.0	2,884.0	1744.0	2884.0	TOC: 10'						
			RSTBAR	2,884.0	2,888.0	2884.0	2888.0	Prod. Csg. Cmt Vol: 1,080 cf						
			INSPMP	2,888.0	2,900.0	2888.0	2900.0	Class 'G' Lead Cement 850 cf						
									Yield: 1.3, Density: NA ppg.					
									Class 'G' Tail Cement 230 cf				Yield: 1.3, Density: NA ppg.	
									Hole Size: 9.875"				Casing Size: 7"	
									Top Job: No					
									Rtns to Sfc: Yes (7 bbls)				TOC: 10'	
									Cavity Shot: None				Junk: None	
									Formation Markers: (MD/TVD)					
									USDW:				BOFW:	
									San Joaquin Formation:				Etchegoin Formation:	
									Reef Ridge Formation & Top Upper Confining Interval:					
									Monterey Formation, Base Upper Confining Interval & Top Injection Zone:				Base Injection Zone: NA	
									Top Lower Confining Interval: NA					
									Volume Behind Pipe:					
									Theoretical Calculations (ETOC)					
									E. Glauser				Date: 09/2020	

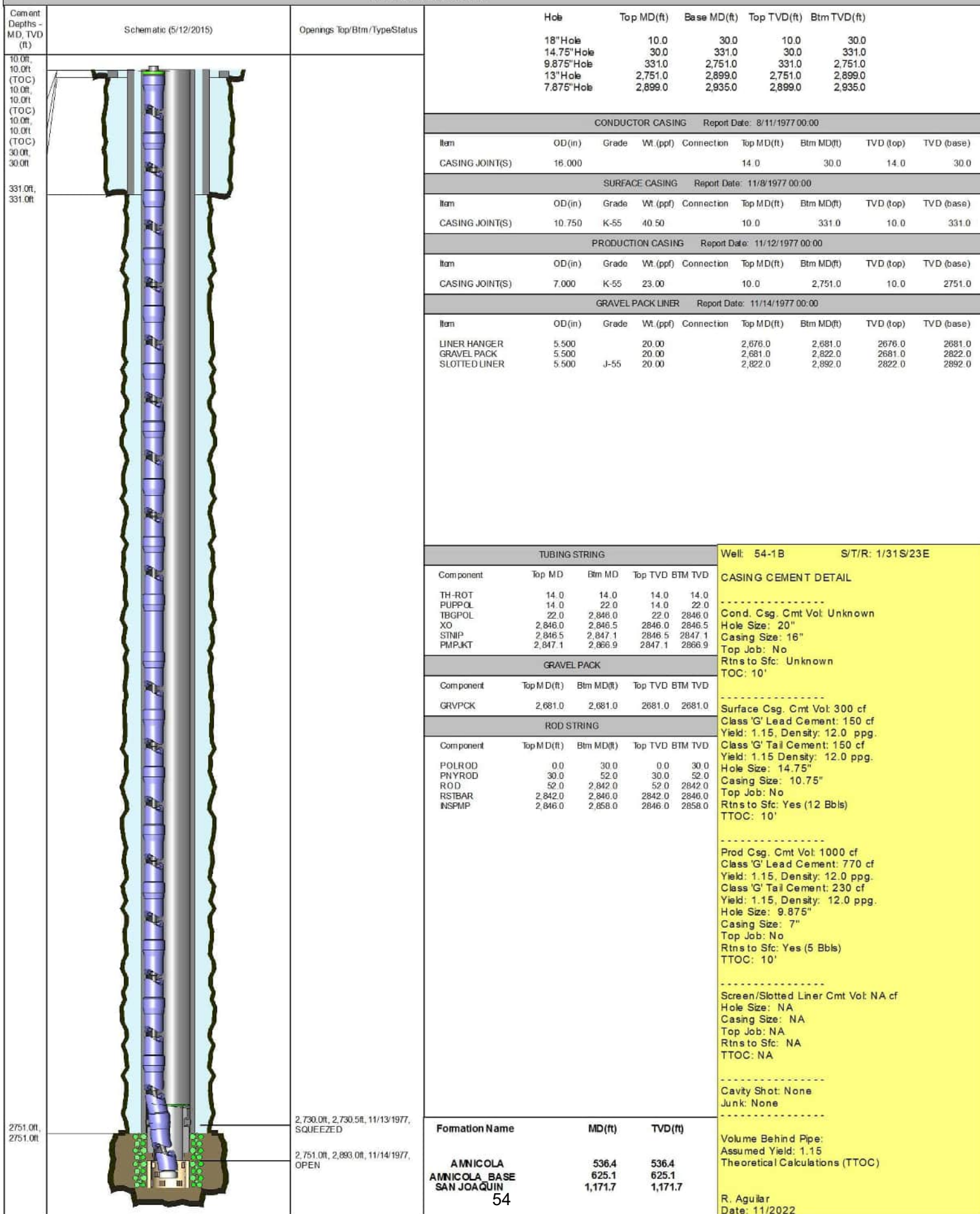
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 5/12/2015

54-1B

Ground Level: 1,126.0ft
 Datum: Original KB @ 1,136.00ft (default)
 KB: 10.0ft
 API-10: 0402956150

Wellbore: ORIGINAL HOLE
 PBMD: 2,935.0ft
 Btm TMD: 2,935.0ft
 Spud Date/Time: 11/8/1977
 BH Coord X: 6,127,104.25usft
 BH Coord Y: 2,284,591.93usft



2,730.0ft, 2,730.5ft, 11/13/1977,
 SQUEEZED

2,751.0ft, 2,893.0ft, 11/14/1977,
 OPEN

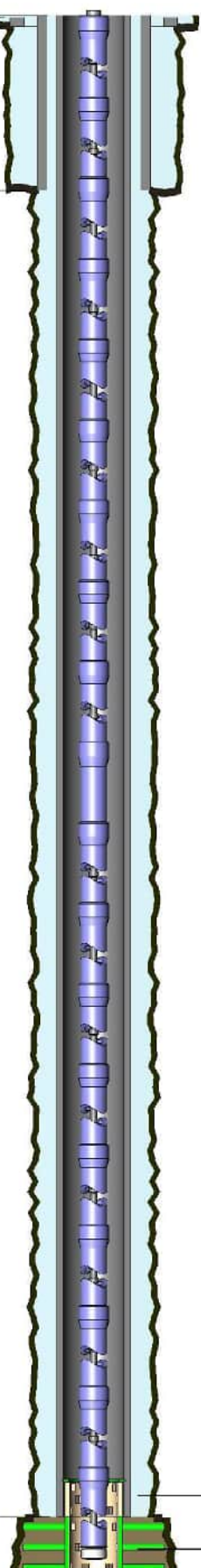
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 3/7/2014

43-1B

Ground Level: 1,135.0ft
 Datum: Original KB @ 1,144.00ft (default)
 KB: 9.0ft
 API-10: 0402957842

Wellbore: ORIGINAL HOLE
 PBMD: 2,828.0ft
 Btm TMD: 2,830.0ft
 Spud Date/Time: 6/14/1978
 BH Coord X: 6,126,464.25usft
 BH Coord Y: 2,285,230.93usft

Cement Depths - MD, TVD (ft)	Schematic (3/7/2014)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
9.0ft, 9.0ft (TOC)			18" Hole	9.0	29.0	9.0	29.0				
9.0ft, 9.0ft (TOC)			14.75" Hole	29.0	324.0	29.0	324.0				
13.0ft, 13.0ft (TOC)			9.875" Hole	324.0	2,720.0	324.0	2,720.0				
29.0ft, 29.0ft			13" Hole	2,720.0	2,830.0	2,720.0	2,830.0				
324.0ft, 324.0ft			CONDUCTOR CASING Report Date: 5/22/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				13.0	29.0	13.0	29.0
			SURFACE CASING Report Date: 6/14/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50		9.0	324.0	9.0	324.0
			PRODUCTION CASING Report Date: 6/18/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00		9.0	2,718.0	9.0	2718.0
			LINER Report Date: 6/20/1978 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			LINER HANGER	6.300				2,650.0	2,655.0	2650.0	2655.0
			SLOTTED LINER	5.500	K-55	20.00		2,655.0	2,718.0	2655.0	2718.0
			SLOTTED LINER	5.500	K-55	20.00		2,718.0	2,828.0	2718.0	2828.0
			TUBING STRING								
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 43-1B S/T/R: 1/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 18" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 9' ----- Surface Csg. Cmt Vol: 280 cf Class 'G' Lead Cement: 130 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 150 cf Yield: 1.15 Density: 0.0 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (10 Bbls) TTOC: 9' ----- Prod Csg. Cmt Vol: 950 cf Class 'G' Lead Cement: 720 cf Yield: 1.15, Density: 0.0 ppg. Class 'G' Tail Cement: 230 cf Yield: 1.15, Density: 0.0 ppg. Hole Size: 9.875" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (14 Bbls) TTOC: 9' ----- Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) ----- R. Aguilar Date: 11/2022			
			TH-ROT	9.0	9.0	9.0	9.0				
			FATNIP	9.0	9.7	9.0	9.7				
			TBGPOL	9.7	2,772.3	9.7	2772.3				
			XO	2,772.3	2,772.7	2772.3	2772.7				
			STNIP	2,772.7	2,773.6	2772.7	2773.6				
			PMPJKT	2,773.6	2,793.8	2773.6	2793.8				
			ROD STRING								
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
			POLROD	0.0	30.0	0.0	30.0				
			PNYROD	30.0	46.0	30.0	46.0				
			ROD	46.0	2,776.0	46.0	2776.0				
			RSTBAR	2,776.0	2,780.0	2776.0	2780.0				
			INSPMP	2,780.0	2,796.0	2780.0	2796.0				
			Formation Name					MD(ft)	TVD(ft)		
			AMNICOLA					511.6	511.6		
			LOWER_TULARE					588.6	588.6		
	SAN JOAQUIN					1,132.2	1,132.2				
2718.0ft, 2718.0ft		2,680.0ft, 2,680.5ft, 6/19/1978, SQUEEZED									
		2,718.0ft, 2,828.0ft, 6/20/1978, OPEN									

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: INACTIVE
 Status date: 9/27/2018

15-1B

Ground Level: 1,092.0ft
 Datum: Original DF @ 1,105.00ft (default)
 KB: 13.0ft
 API-10: 0402966850

Wellbore: ORIGINAL HOLE
 PBMD: 3,277.0ft
 Btm TMD: 3,330.0ft
 Spud Date/Time: 6/21/1982
 BH Coord X: 6,124,369.75usft
 BH Coord Y: 2,283,895.93usft

Cement Depths - MD, TVD (ft)	Schematic (9/27/2018)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
13.0ft, 13.0ft (TOC) 							

3,004.0ft, 3,022.0ft, 4/27/1983,
 OPEN

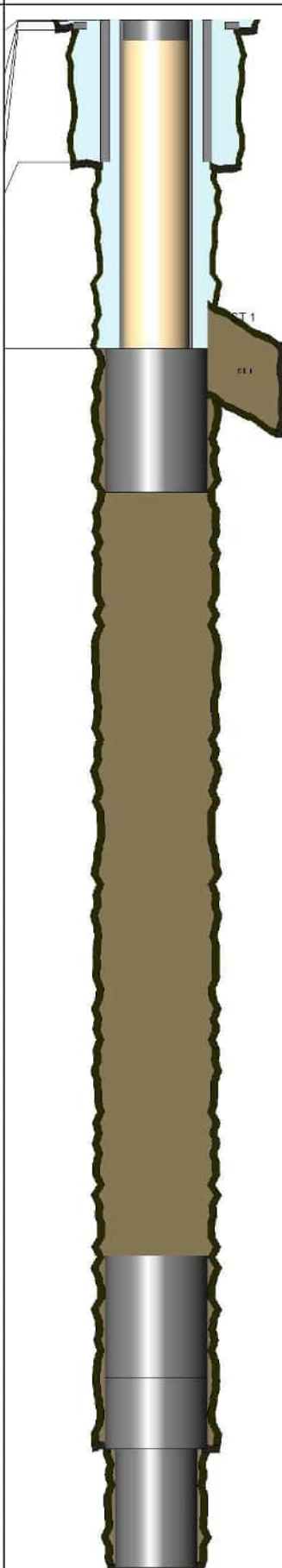
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 3/2/2005

26-1B

Ground Level: 1,078.0ft
 Datum: Original DF @ 1,090.00ft (default)
 KB: 12.0ft
 API-10: 0402972052

Wellbore: ORIGINAL HOLE
 PBMD: 700.0ft
 Btm TMD: 3,250.0ft
 Spud Date/Time: 6/4/1984
 BH Coord X: 6,125,186.09usft
 BH Coord Y: 2,283,256.83usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
12.0ft, 12.0ft (TOC)			18" HOLE	12.0	32.0	12.0	32.0				
12.0ft, 12.0ft (TOC)			14.75" HOLE	32.0	317.0	32.0	316.9				
12.0ft, 12.0ft (TOC)			9.875" HOLE	317.0	3,000.0	316.9	2,999.1				
14.0ft, 14.0ft (TOC)			7.875" HOLE	3,000.0	3,250.0	2,999.1	3,249.1				
32.0ft, 32.0ft			CONDUCTOR CASING Report Date: 5/30/1984 00:00								
309.0ft, 309.0ft			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	16.000				16.0	32.0	16.0	32.0
			SURFACE CASING Report Date: 6/8/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	10.750	K-55	40.50	STC	12.0	309.0	12.0	309.0
			PRODUCTION CASING Report Date: 6/17/1984 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	7.000	K-55	23.00	STC	12.0	3,085.0	12.0	3084.1
			CASING JOINT(S)	7.000	K-55	23.00	STC	3,085.0	3,086.0	3084.1	3085.1
			CASING JOINT(S)	7.000	K-55	23.00	STC	3,086.0	3,128.0	3085.1	3127.1
700.0ft, 700.0ft			Date Type Remarks								
			PLUG BACK					Well: 26-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	12.0	55.0	12.0	55.0	Cond. Csg. Cmt Vol: 78cf			
			MUD	55.0	2,901.0	55.0	2900.2	Hole Size: 18"			
			PLUG BACK					Casing Size: 16"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
			CEMENT	700.0	1,000.0	700.0	1000.0	Rtns to Sfc: Yes (32 Bbls)			
			PLUG BACK					TOC: 12'			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 364 cf			
			CEMENT	2,597.0	2,851.0	2596.4	2850.2	Class 'G' Lead Cement: 215 cf			
			CEMENT	2,851.0	3,000.0	2850.2	2999.1	Yield: 1.3, Density: NA ppg.			
			CEMENT	3,000.0	3,248.0	2999.1	3247.1	Class 'G' Tail Cement: 150 cf			
								Yield: 1.3, Density: NA ppg.			
								Hole Size: 14.75"			
								Casing Size: 10.75"			
								Top Job: No			
								Rtns to Sfc: Yes (9 Bbls)			
								TTOC: 13'			
			PLUG BACK					Prod Csg. Cmt Vol: NA			
								Class " Lead Cement: NA			
								Yield: , Density: NA ppg.			
								Class " Tail Cement: NA			
								Yield: , Density: NA ppg.			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
			PLUG BACK					Screen/Slotted Liner Cmt Vol: NA			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			
			PLUG BACK					Cavity Shot: None			
								Junk: None			
			PLUG BACK					Volume Behind Pipe:			
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
			Formation Name	MD(ft)		TVD(ft)		R. Aguilar			
			AMNICOLA	682.7		682.7		Date: 11/2022			
			SANJOAQUIN	1,249.8		1,249.7		P&A Mud & Cement Details			

								Mud Volume: 109 cf @ 2841'			
								88 cf @ 2597'			
								Mud Weight: NA			
								Top of Mud: NA			
								Cement: 169 cf @ 2852' - 3248'			
								265 cf @ 2597' - 2851'			
								Top of Cement: 318 cf @ 700' - 1000'			

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CALIFORNIA RESOURCES ELK HILLS, LLC

33NW-1B

Field Name: ELKHILLS
 Site Name: 01B
 End Status: ACTIVE
 Status date: 4/29/2016

Ground Level: 1,106.3ft
 Datum: Original KB @ 1,120.30ft (default)
 KB: 14.0ft
 API-10: 0403040999

Wellbore: ORIGINAL HOLE
 PBMD: 3,190.0ft
 Btm TMD: 3,237.0ft
 Spud Date: 6/22/2010 21:00
 BH Coord X: 6,125,128.87usft
 BH Coord Y: 2,285,433.17usft

Cement Depths - MD, TVD (ft)	Schematic (4/29/2016)	Openings Top/Btm/Type/Status	Hole								Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
14.0ft, 14.0ft (TOC) 14.0ft, 14.0ft (TOC)			16" HOLE								14.0	54.0	14.0	54.0
			14.5" HOLE								54.0	414.0	54.0	414.0
			10.75" HOLE								414.0	3,237.0	414.0	3,174.2
			CONDUCTOR CASING Report Date: 6/14/2010 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
			CASING JOINT(S)	16.000				14.0	54.0	14.0	54.0			
			SURFACE CASING Report Date: 6/23/2010 00:00											
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	358.1	14.0	358.1			
			FLOAT COLLAR	10.750	J-55	40.50	STC	358.1	359.7	358.1	359.7			
406.0ft, 406.0ft		CASING JOINT(S)	10.750	J-55	40.50	STC	359.7	404.9	359.7	404.9				
		GUIDE SHOE	10.750	J-55	40.50	STC	404.9	406.0	404.9	406.0				
	PRODUCTION CASING Report Date: 6/25/2010 00:00													
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)					
	CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,489.5	14.0	2453.1					
	FLAG JOINT	7.000	K-55	23.00	LTC	2,489.5	2,509.4	2453.1	2472.2					
	CASING JOINT(S)	7.000	K-55	23.00	LTC	2,509.4	2,665.7	2472.2	2622.6					
	CASING JOINT(S)	7.000	K-55	23.00	LTC	2,665.7	3,188.7	2622.6	3127.5					
	FLOAT COLLAR	7.000	K-55	23.00	LTC	3,188.7	3,190.3	3127.5	3129.0					
	CASING JOINT(S)	7.000	K-55	23.00	LTC	3,190.3	3,230.8	3129.0	3168.3					
	GUIDE SHOE	7.000	K-55	23.00	LTC	3,230.8	3,232.0	3168.3	3169.4					
	TUBING STRING													
	Well: 33NW-1B S/T/R: 1/31S/23E													
	CASING CEMENT DETAIL													
	Cond. Csg. Cmt Vol: Unknown													
	Hole Size: 18"													
	Casing Size: 16"													
	Top Job: No													
	Rtns to Sfc: Yes													
	TOC: Surface													
	Surf. Csg. Cmt Vol: 532 cf													
	Class 'C' Lead Cement: 281 cf													
	Yield 2.18, Density: 12.4 ppg.													
	Class 'C' Tail Cement: 251 cf													
	Yield: 1.71, Density: 13.5 ppg.													
	Hole Size: 14.5"													
	Casing Size: 10.75"													
	Top Job: No													
	Rtns to Sfc: Yes (168 cf)													
	TOC: Surface													
	Prod. Csg. Cmt Vol: 1275 cf													
	Class 'C' Lead Cement: 1052 cf													
	Yield: 2.63, Density: 11.8 ppg.													
	Class 'C' Tail Cement: 223 cf													
	Yield: 1.47, Density: 13.5 ppg.													
	Hole Size: 10.75"													
	Casing Size: 7"													
	Top Job: No													
	Rtns to Sfc: Yes (168 cf)													
	ETOC: 14'													
	Screen/Slotted Liner Cmt Vol: NA													
	Hole Size: NA													
	Casing Size: NA													
	Top Job: NA													
	Rtns to Sfc: NA													
	ETOC: NA													
	Cavity Shot: None													
	Junk: None													
	Volume Behind Pipe:													
	Theoretical Calculations (ETOC)													
	Arturo Valencia													
	Date: 03/2022													
3237.0ft, 3174.2ft		2,743.0ft, 2,750.0ft, 10/17/2010, OPEN												
		2,754.0ft, 2,759.0ft, 10/17/2010, OPEN												
		2,814.0ft, 2,825.0ft, 10/14/2010, OPEN												
		2,841.0ft, 2,850.0ft, 10/14/2010, OPEN												
		2,945.0ft, 2,950.0ft, 10/11/2010, OPEN												
		2,993.0ft, 2,998.0ft, 10/11/2010, OPEN												
		3,067.0ft, 3,075.0ft, 7/14/2010, OPEN												
		3,097.0ft, 3,114.0ft, 7/14/2010, OPEN												
		3,127.0ft, 3,130.0ft, 7/14/2010, OPEN												

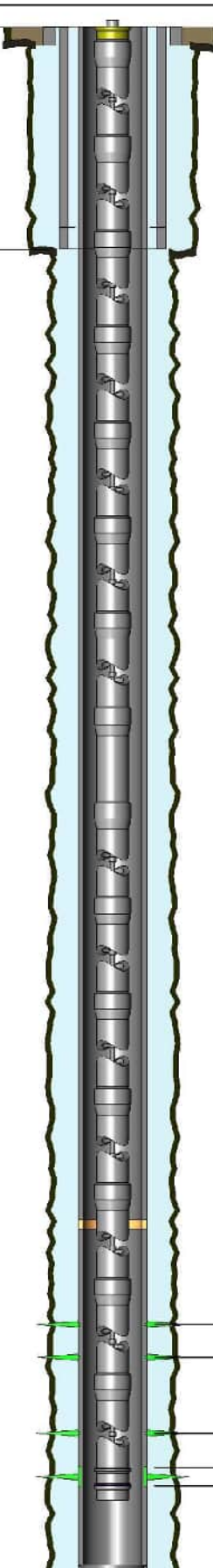
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 9/18/2017

45-1B

Ground Level: 1,048.5ft
 Datum: Original KB @ 1,062.50ft (default)
 KB: 14.0ft
 API-10: 0403041562

Wellbore: ORIGINAL HOLE
 PBMD: 3,290.0ft
 Btm TMD: 3,336.0ft
 Spud Date/Time: 11/5/2010
 BH Coord X: 6,126,332.14usft
 BH Coord Y: 2,283,919.51usft

Cement Depths - MD, TVD (ft)	Schematic (9/18/2017)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)																																																															
14.0ft, 14.0ft (TOC)			20"HOLE	14.0	54.0	14.0	54.0																																																															
14.0ft, 14.0ft (TOC)			14.75"HOLE	54.0	494.0	54.0	494.0																																																															
14.0ft, 14.0ft (TOC)			10.75"HOLE	494.0	3,336.0	494.0	3,335.8																																																															
CONDUCTOR CASING Report Date: 10/29/2010 00:00																																																																						
<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>14.000</td><td></td><td></td><td></td><td>14.0</td><td>54.0</td><td>14.0</td><td>54.0</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	14.000				14.0	54.0	14.0	54.0																																													
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																														
CASING JOINT(S)	14.000				14.0	54.0	14.0	54.0																																																														
488.0ft, 488.0ft			SURFACE CASING Report Date: 11/5/2010 00:00																																																																			
			<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>14.0</td><td>440.1</td><td>14.0</td><td>440.1</td></tr><tr><td>FLOAT COLLAR</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>440.1</td><td>441.8</td><td>440.1</td><td>441.8</td></tr><tr><td>CASING JOINT(S)</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>441.8</td><td>486.9</td><td>441.8</td><td>486.9</td></tr><tr><td>GUIDE SHOE</td><td>10.750</td><td>J-55</td><td>40.50</td><td>STC</td><td>486.9</td><td>488.0</td><td>486.9</td><td>488.0</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	440.1	14.0	440.1	FLOAT COLLAR	10.750	J-55	40.50	STC	440.1	441.8	440.1	441.8	CASING JOINT(S)	10.750	J-55	40.50	STC	441.8	486.9	441.8	486.9	GUIDE SHOE	10.750	J-55	40.50	STC	486.9	488.0	486.9	488.0															
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																											
			CASING JOINT(S)	10.750	J-55	40.50	STC	14.0	440.1	14.0	440.1																																																											
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PRODUCTION CASING Report Date: 11/8/2010 00:00																																																																						
<table><tr><th>Item</th><th>OD(in)</th><th>Grade</th><th>Wt. (ppf)</th><th>Connection</th><th>Top MD(ft)</th><th>Btm MD(ft)</th><th>TVD (top)</th><th>TVD (base)</th></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>14.0</td><td>2,554.3</td><td>14.0</td><td>2554.1</td></tr><tr><td>FLAG JOINT</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>2,554.3</td><td>2,575.3</td><td>2554.1</td><td>2575.1</td></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>2,575.3</td><td>3,290.5</td><td>2575.1</td><td>3290.2</td></tr><tr><td>FLOAT COLLAR</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,290.5</td><td>3,291.9</td><td>3290.2</td><td>3291.6</td></tr><tr><td>CASING JOINT(S)</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,291.9</td><td>3,331.2</td><td>3291.6</td><td>3331.0</td></tr><tr><td>FLOAT SHOE</td><td>7.000</td><td>K-55</td><td>23.00</td><td>LTC</td><td>3,331.2</td><td>3,333.0</td><td>3331.0</td><td>3332.8</td></tr></table>								Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,554.3	14.0	2554.1	FLAG JOINT	7.000	K-55	23.00	LTC	2,554.3	2,575.3	2554.1	2575.1	CASING JOINT(S)	7.000	K-55	23.00	LTC	2,575.3	3,290.5	2575.1	3290.2	FLOAT COLLAR	7.000	K-55	23.00	LTC	3,290.5	3,291.9	3290.2	3291.6	CASING JOINT(S)	7.000	K-55	23.00	LTC	3,291.9	3,331.2	3291.6	3331.0	FLOAT SHOE	7.000	K-55	23.00	LTC	3,331.2	3,333.0	3331.0	3332.8
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																														
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TUBING STRING																																																																						
<table><tr><th>Component</th><th>Top MD</th><th>Btm MD</th><th>Top TVD</th><th>BTM TVD</th></tr><tr><td>TH-ROT</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td></tr><tr><td>FATNIP</td><td>14.0</td><td>14.7</td><td>14.0</td><td>14.7</td></tr><tr><td>PUPJNT</td><td>14.7</td><td>41.1</td><td>14.7</td><td>41.1</td></tr><tr><td>CAS</td><td>41.1</td><td>3,083.0</td><td>41.1</td><td>3082.7</td></tr><tr><td>STNIP</td><td>3,083.0</td><td>3,084.1</td><td>3082.7</td><td>3083.8</td></tr><tr><td>CAS</td><td>3,084.1</td><td>3,116.5</td><td>3083.8</td><td>3116.3</td></tr><tr><td>DESAND</td><td>3,116.5</td><td>3,119.5</td><td>3116.3</td><td>3119.3</td></tr><tr><td>CAS</td><td>3,119.5</td><td>3,152.0</td><td>3119.3</td><td>3151.7</td></tr></table>								Component	Top MD	Btm MD	Top TVD	BTM TVD	TH-ROT	14.0	14.0	14.0	14.0	FATNIP	14.0	14.7	14.0	14.7	PUPJNT	14.7	41.1	14.7	41.1	CAS	41.1	3,083.0	41.1	3082.7	STNIP	3,083.0	3,084.1	3082.7	3083.8	CAS	3,084.1	3,116.5	3083.8	3116.3	DESAND	3,116.5	3,119.5	3116.3	3119.3	CAS	3,119.5	3,152.0	3119.3	3151.7																		
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2,775.0ft, 2,780.0ft, 3/3/2011, OPEN			Well: 45-1B S/T/R: 1/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 20" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 14'																																																																			
2,845.0ft, 2,850.0ft, 3/1/2011, OPEN			Surface. Csg. Cmt Vol: 517 cf Class 'C' Lead Cement: 348 cf Yield 2.18 , Density: 12.4 ppg. Class C Tail Cement: 169 cf Yield: 1.71 , Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (49 Bbls) TOC: 14'																																																																			
3,007.0ft, 3,010.0ft, 2/21/2011, OPEN			Prod. Csg. Cmt Vol: 1334 cf Class 'C' Lead Cement: 1020 cf Yield: 2.63, Density: 11.8 ppg. Class 'C' Tail Cement: 314 cf Yield: 1.46, Density: 13.5 ppg. Hole Size: 10.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (82 Bbls) ETOC: 14'																																																																			
3,081.0ft, 3,085.0ft, 2/14/2011, OPEN			Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA																																																																			
3,119.0ft, 3,123.0ft, 2/14/2011, OPEN			Cavity Shot: None Junk: None																																																																			
			----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)																																																																			
			R. Aguilar Date: 11/2022																																																																			
			Formation Name MD(ft) TVD(ft) AMNICOLA 550.0 550.0 AMNICOLA_BASE 606.7 606.7 SAN JOAQUIN 1,153.7 1,153.7																																																																			

Field Name: ELK HILLS
Site Name: 01B
Well Status: P&A
Status date: 10/5/2022

Ground Level: 1,136.7ft
Datum: Original DF @ 1,150.70ft (default)
KB: 14.0ft
API-10: 0403042510

Wellbore: ORIGINAL HOLE
PBMD: 1.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 2/20/2011
BH Coord X: 6,125,095.60usft
BH Coord Y: 2,284,634.56usft

24-1B

Cement Depths - MD, TVD (ft)	Schematic (10/5/2022)	Openings: Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
14.0ft, 14.0ft (TOC)			18" HOLE	14.0	54.0	14.0	54.0			
14.0ft, 14.0ft (TOC)			14.5" HOLE	54.0	424.0	54.0	424.0			
			10.75" HOLE	424.0	3,357.0	424.0	3,337.8			
			CONDUCTOR CASING Report Date: 2/15/2011 00:00							
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	16.000				14.0	54.0	14.0	54.0
		SURFACE CASING Report Date: 2/20/2011 00:00								
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	10.750	J55	40.50	STC	14.0	370.1	14.0	370.1
		FLOAT COLLAR	10.750	J55	40.50	STC	370.1	371.8	370.1	371.8
		CASING JOINT(S)	10.750	J55	40.50	STC	371.8	416.9	371.8	416.9
		GUIDE SHOE	10.750	J55	40.50	STC	416.9	418.0	416.9	418.0
		PRODUCTION CASING Report Date: 2/23/2011 00:00								
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		CASING JOINT(S)	7.000	K-55	23.00	LTC	14.0	2,575.9	14.0	2562.2
		FLAG JOINT	7.000	K-55	23.00	LTC	2,575.9	2,590.0	2562.2	2576.2
		CASING JOINT(S)	7.000	K-55	23.00	LTC	2,590.0	3,311.2	2576.2	3292.3
		FLOAT COLLAR	7.000	K-55	23.00	LTC	3,311.2	3,312.6	3292.3	3293.7
		CASING JOINT(S)	7.000	K-55	23.00	LTC	3,312.6	3,355.3	3293.7	3336.1
		FLOAT SHOE	7.000	K-55	23.00	LTC	3,355.3	3,357.0	3336.1	3337.8
		Date	Type		Remarks					
		11/5/2013	Pump Design		Review for down-size nextpul. SBC					
		PLUG BACK					Well: 24-1B S/T/R: 1/31S/23E			
		Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
		CEMENT	1.0	2,383.0	1.0	2370.8	----- Cond. Csg. Cmt Vol: Unknown Hole Size: 18" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: Unknown ----- Surface Csg. Cmt Vol: 443 cf Class 'C' Lead Cement: 202 cf Yield: 1.15, Density: 12.4 ppg. Class 'C' Tail Cement: 241 cf Yield: 1.15, Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (15 Bbls) TTOC: 14' ----- Prod Csg. Cmt Vol: 1354 cf Class 'C' Lead Cement: 1042 cf Yield: 1.15 Density: 11.8 ppg. Class 'C' Tail Cement: 312 cf Yield: 1.15, Density: 13.5 ppg. Hole Size: 10.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (80 Bbls) TTOC: 14' ----- Screen/Slotted Liner Cmt Vol: NA Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)			
	PLUG BACK									
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD					
	CEMENT	3,311.0	3,357.0	3292.1	3337.8					
	Formation Name	MD(ft)	TVD(ft)							
	AMNICOLA	624.0	623.9							
	LOWER_TULARE	676.7	676.5							
	SAN JOAQUIN	1,218.9	1,214.9							
	R. Aguilar Date: 11/2022									
	P&A Mud & Cement Details									

	Mud Volume: NA Mud Weight: NA Top of Mud: NA									
	Cement: 203 cf "G" @ 2383' - 3300' 377 cf "G" @ 880" - 2523' Top of Cement: 225 cf "G" @ 0' - 880'									

2,807.0ft, 2,809.0ft,
PERFORATED, 3/15/2011
00:00, ABANDONED
2,815.0ft, 2,818.0ft,
PERFORATED, 3/15/2011
00:00, ABANDONED
2,881.0ft, 2,884.0ft,
PERFORATED, 3/15/2011
00:00, ABANDONED
2,905.0ft, 2,908.0ft,
PERFORATED, 3/15/2011
00:00, ABANDONED
3,120.0ft, 3,122.0ft,
PERFORATED, 3/13/2011
00:00, ABANDONED
3,147.0ft, 3,149.0ft,
PERFORATED, 3/13/2011
00:00, ABANDONED
3,170.0ft, 3,172.0ft,
PERFORATED, 3/13/2011
00:00, ABANDONED
3,195.0ft, 3,197.0ft,
PERFORATED, 3/13/2011
00:00, ABANDONED

60

CALIFORNIA RESOURCES ELK HILLS, LLC

43SW-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/16/2017

Ground Level: 1,074.2ft
 Datum: Original DF @ 1,088.20ft (default)
 KB: 14.0ft
 API-10: 0403042511

Wellbore: ORIGINAL HOLE
 PBMD: 3,270.0ft
 Btm TMD: 3,322.0ft
 Spud Date: 2/16/2011 17:00
 BH Coord X: 6,126,165.10usft
 BH Coord Y: 2,284,838.17usft

Cement Depths - MD, TVD (ft)	Schematic (11/16/2017)	Openings Top/Btm/Type/Status	Hole										
14.0ft, 14.0ft (TOC)			Top MD(ft)		Base MD(ft)		Top TVD(ft)		Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			18" Hole		14.0		54.0		14.0		54.0		
406.0ft, 406.0ft			14.5" HOLE		54.0		412.0		54.0		412.0		
			10.75" HOLE		412.0		3,322.0		412.0		3,296.4		
CONDUCTOR CASING Report Date: 2/14/2011 00:00													
Item			OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
CASING JOINT(S)			16.000				14.0	54.0	14.0	54.0			
SURFACE CASING Report Date: 2/17/2011 00:00													
Item			OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
CASING JOINT(S)			10.750	J-55	40.50	STC	14.0	358.0	14.0	358.0			
FLOAT COLLAR			10.750	J-55	40.50	STC	358.0	359.7	358.0	359.7			
CASING JOINT(S)			10.750	J-55	40.50	STC	359.7	404.8	359.7	404.8			
GUIDE SHOE			10.750	J-55	40.50	STC	404.8	406.0	404.8	406.0			
PRODUCTION CASING Report Date: 2/19/2011 00:00													
Item			OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
CASING JOINT(S)			7.000	J-55	23.00	LTC	14.0	2,542.7	14.0	2523.8			
FLAG JOINT			7.000	J55	23.00	LTC	2,542.7	2,556.8	2523.8	2537.7			
CASING JOINT(S)			7.000	J-55	23.00	LTC	2,556.8	3,274.2	2537.7	3249.0			
FLOAT COLLAR			7.000	J55	23.00	LTC	3,274.2	3,275.6	3249.0	3250.4			
CASING JOINT(S)			7.000	J-55	23.00	LTC	3,275.6	3,318.3	3250.4	3292.7			
FLOAT SHOE			7.000	J55	23.00	LTC	3,318.3	3,320.0	3292.7	3294.4			
TUBING STRING													
							TVD (top)	TVD (base)					
TH-ROT			14.0	14.0	14.0	14.0							
TBGJNT			14.0	3,111.5	14.0	3087.7							
XO			3,111.5	3,112.0	3087.7	3088.1							
STNIP			3,112.0	3,112.6	3088.1	3088.8							
TBGJNT			3,112.6	3,145.0	3088.8	3120.8							
DESAND			3,145.0	3,147.9	3120.8	3123.8							
TBGJNT			3,147.9	3,180.2	3123.8	3155.8							
PLUGBACK													
Component			Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)							
CEMENT			3,270.0	3,320.0	3244.8	3294.4							
CEMENT			3,320.0	3,322.0	3294.4	3296.4							
ROD STRING													
Component			Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)							
POLROD			0.0	30.0	0.0	30.0							
PNYROD			30.0	40.0	30.0	40.0							
ROD			40.0	3,100.0	40.0	3076.3							
STB3P			3,100.0	3,104.0	3076.3	3080.2							
INSPMP			3,104.0	3,122.0	3080.2	3098.1							
Well: 43SW-1B S/T/R: 1/31S/23E													
CASING CEMENT DETAIL													
Cond. Csg. Cmt Vol: Unknown													
Hole Size: 18"													
Casing Size: 16"													
Top Job: No													
Rtns to Sfc: Yes													
TOC: Surface													
Surf. Csg. Cmt Vol: 437 cf													
Class 'C' Lead Cement: 196 cf													
Yield 2.18, Density: 12.4 ppg.													
Class 'C' Tail Cement: 241 cf													
Yield: 1.71, Density: 13.5 ppg.													
Hole Size: 14.5"													
Casing Size: 10.75"													
Top Job: No													
Rtns to Sfc: Yes (123 cf)													
TOC: Surface													
Prod. Csg. Cmt Vol: 1358 cf													
Class 'C' Lead Cement: 1010 cf													
Yield: 2.63, Density: 11.8 ppg.													
Class 'C' Tail Cement: 348 cf													
Yield: 1.47, Density: 13.5 ppg.													
Hole Size: 10.75"													
Casing Size: 7"													
Top Job: No													
Rtns to Sfc: Yes (297 cf)													
ETOC: 14'													
Screen/Slotted Liner Cmt Vol: NA													
Hole Size: NA													
Casing Size: NA													
Top Job: NA													
Rtns to Sfc: NA													
TOC: NA													
Cavity Shot: None													
Junk: None													
Volume Behind Pipe: Theoretical Calculations (ETOC)													
A Valencia													
Date: 04/2022													
Formation Name:			MD:(ft)	TVD:(ft)									
AMNICOLA			520.7	520.7									
LOWER_TULARE			582.5	582.5									
SAN JOAQUIN			1,117.4	1,114.3									
2,723.0ft, 2,727.0ft, 4/14/2011, OPEN													
2,729.0ft, 2,733.0ft, 4/14/2011, OPEN													
2,807.0ft, 2,811.0ft, 4/10/2011, OPEN													
2,835.0ft, 2,838.0ft, 4/10/2011, OPEN													
3,053.0ft, 3,055.0ft, 4/4/2011, OPEN													
3,059.0ft, 3,061.0ft, 4/4/2011, OPEN													
3,101.0ft, 3,103.0ft, 3/16/2011, OPEN													
3,110.0ft, 3,114.0ft, 3/16/2011, OPEN													
3,147.0ft, 3,150.0ft, 3/16/2011, OPEN													
3320.0ft, 3294.4ft													

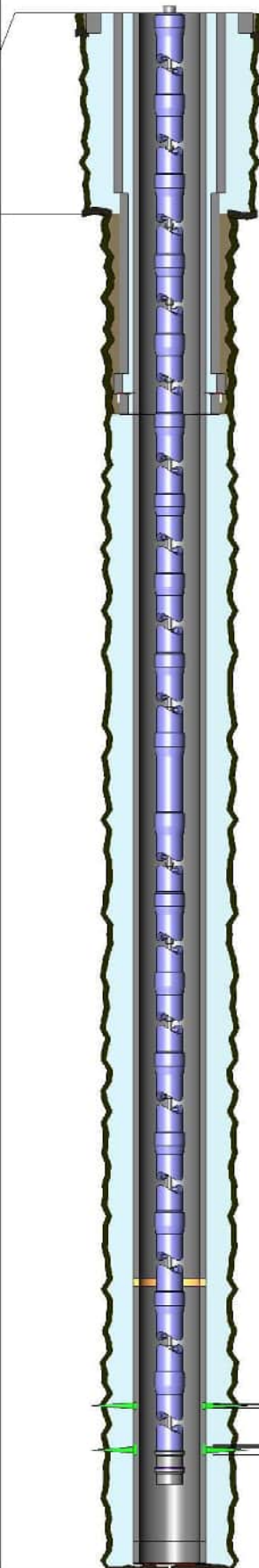
CALIFORNIA RESOURCES ELK HILLS, LLC

53SW-1B

Field Name: ELKHILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 11/30/2022

Ground Level: 1,097.2ft
 Datum: Original DF @ 1,111.20ft (default)
 KB: 14.0ft
 API-10: 0403046157

Wellbore: ORIGINAL HOLE
 PBMD: 3,016.0ft
 Btm TMD: 3,074.0ft
 Spud Date: 9/9/2012 18:30
 BH Coord X: 6,126,614.73usft
 BH Coord Y: 2,284,709.50usft

Cement Depths - MD, TVD (ft)	Schematic (11/30/2022)	Openings Top/Btm/Type/Status	Well: 53SW-1B S/T/R: 1/30S/23E									
14.0ft, 14.0ft (TOC)		Hole		Top MD(ft)		Base MD(ft)		Top TVD(ft)		Btm TVD(ft)		
408.0ft, 408.0ft		16" Hole	14.0	54.0	14.0	54.0						
		14.75" Hole	54.0	408.0	54.0	408.0						
		10.5" Hole	408.0	3,074.0	408.0	3,063.2						
		CONDUCTOR CASING				Report Date: 9/8/2012 00:00						
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
		CASING JOINT(S)	16.000				14.0	54.0	14.0	54.0		
		SURFACE CASING				Report Date: 9/10/2012 00:00						
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
		CASING JOINT(S)	10.750	K-55	40.50	BTC	14.0	367.9	14.0	367.9		
	CASING JOINT(S)	9.625	J-55	36.00	BTC	367.9	722.2	367.9	722.1			
	CASING JOINT(S)	10.750	K-55	40.50	BTC	722.2	759.7	722.1	759.6			
	FLOAT COLLAR	9.625	J-55	36.00	BTC	759.7	761.2	759.6	761.0			
	FLOAT COLLAR	10.750	K-55	40.50	BTC	761.2	762.6	761.0	762.5			
	CASING JOINT(S)	9.625	J-55	36.00	BTC	762.6	800.2	762.5	800.0			
	FLOAT SHOE	10.750	K-55	40.50	BTC	800.2	801.2	800.0	801.0			
	GUIDE SHOE	9.625	J-55	36.00	BTC	801.2	802.3	801.0	802.0			
	PRODUCTION CASING				Report Date: 9/13/2012 00:00							
	Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
	CASING JOINT(S)	7.000	J-55	23.00	BTC	14.0	2,498.8	14.0	2490.5			
	FLAG JOINT	7.000	J-55	23.00	BTC	2,498.8	2,515.7	2490.5	2507.4			
	CASING JOINT(S)	7.000	J-55	23.00	BTC	2,515.7	3,016.5	2507.4	3005.9			
	FLOAT COLLAR	7.000	J-55	23.00	BTC	3,016.5	3,017.6	3005.9	3007.1			
	CASING JOINT(S)	7.000	J-55	23.00	BTC	3,017.6	3,059.5	3007.1	3048.7			
	FLOAT SHOE	7.000	J-55	23.00	BTC	3,059.5	3,061.0	3048.7	3050.2			
	TUBING STRING				Casing Cement Detail							
						TVD (top)	TVD (base)					
	TH-ROT	14.0	14.0	14.0	14.0	14.0	14.0					
	TBGPOL	14.0	2,837.8	14.0	2828.0	2828.0	2828.4					
	XO	2,837.8	2,838.2	2828.0	2828.4	2828.0	2829.0					
	STNIP	2,838.2	2,838.9	2828.4	2829.0	2829.0	2829.5					
	XO	2,838.9	2,839.3	2829.0	2829.5	2829.5	2860.5					
	CAS	2,839.3	2,870.5	2829.5	2860.5	2860.5	2863.4					
	DESAND	2,870.5	2,873.4	2860.5	2863.4	2863.4	2894.4					
	CAS	2,873.4	2,904.5	2863.4	2894.4	2894.4	2894.4					
	ROD STRING											
	Component	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)							
	POLROD	0.0	30.0	0.0	30.0							
	PNYROD	30.0	46.0	30.0	46.0							
	ROD	46.0	2,746.0	46.0	2736.6							
	SHRCPL	2,746.0	2,747.0	2736.6	2737.6							
	ROD	2,747.0	2,807.0	2737.6	2797.3							
	SNKBAR	2,807.0	2,811.0	2797.3	2801.3							
	INSFMP	2,811.0	2,827.0	2801.3	2817.2							
	Formation Name:	MD:(ft)	TVD:(ft)									
	AMNICOLA	614.7	614.7									
	SANJOAQUIN	1,155.2	1,153.3									
	2,743.0ft, 2,747.0ft, 9/26/2012, OPEN											
	2,753.0ft, 2,756.0ft, 9/26/2012, OPEN											
	2,826.0ft, 2,829.0ft, 9/21/2012, OPEN											
	2,831.0ft, 2,833.0ft, 9/21/2012, OPEN											
	2,845.0ft, 2,847.0ft, 9/21/2012, OPEN											
3074.0ft, 3063.2ft												
			Cavity Shot: None Junk: None									
			Volume Behind Pipe: Theoretical Calculations (ETOC)									
			A Valencia Date: 04/2022									

Well: 53SW-1B S/T/R: 1/30S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: Unknown
 Hole Size: 18"
 Casing Size: 16"
 Top Job: No
 Rtns to Sfc: Yes
 TOC: Surface

Surf. Csg. Cmt Vol: 463 cf
 Class 'C' Lead Cement: 200 cf
 Yield 2.18, Density: 12.4 ppg.
 Class 'C' Tail Cement: 263 cf
 Yield: 1.71, Density: 13.5 ppg.
 Hole Size: 14.75"
 Casing Size: 10.75"
 Top Job: No
 Rtns to Sfc: Yes (18 Bbls)
 TTOC: 14'

Prod. Csg. Cmt Vol: 1474 cf
 Class 'C' Lead Cement: 1209 cf
 Yield: 2.64, Density: 11.8 ppg.
 Class 'C' Tail Cement: 265 cf
 Yield: 1.5, Density: 13.5 ppg.
 Hole Size: 10.5"
 Casing Size: 7"
 Top Job: No
 Rtns to Sfc: Yes (60 Bbls)
 TTOC: 14'

Screen/Slotted Liner Cmt Vol: NA
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:
 Theoretical Calculations (ETOC)

A Valencia
 Date: 04/2022

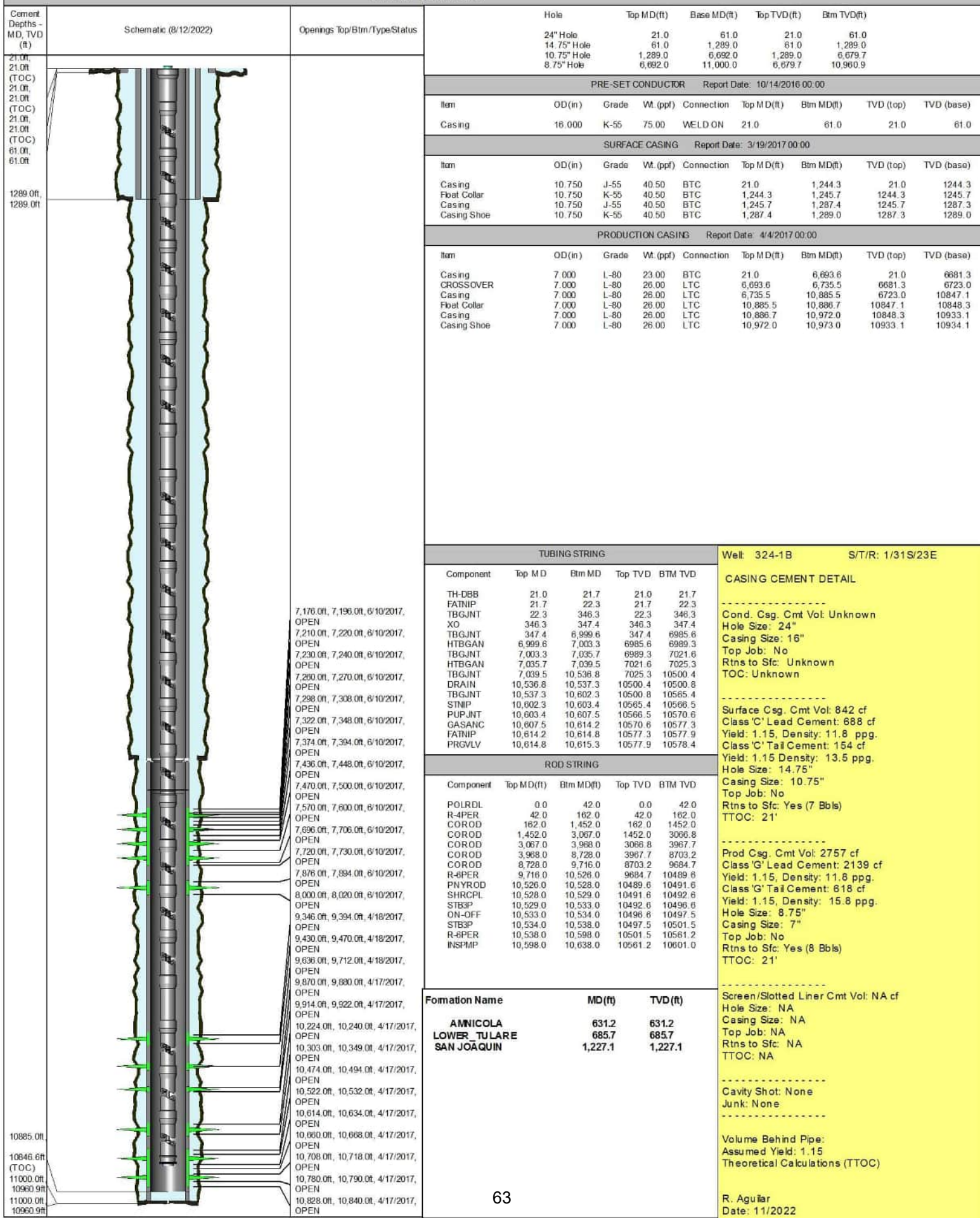
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 8/12/2022

324-1B

Ground Level: 1,124.8ft
 Datum: Original DF @ 1,145.79ft (Kenai 17 KB 21)(default)
 KB: 21.0ft
 API-10: 0403056697

Wellbore: ORIGINAL HOLE
 PBMD: 10,885.0ft
 Btm TMD: 11,000.0ft
 Spud Date/Time: 3/18/2017
 BH Coord X: 6,125,376.57usft
 BH Coord Y: 2,284,610.39usft



Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 11/18/2022

318-1B

Ground Level: 1,071.6ft
Datum: Original DF @ 1,085.61ft (Ensign 540 - 14' KB)(default)
KB: 14.0ft
API-10: 0403066463

Wellbore: ORIGINAL HOLE
PBMD: 9,601.0ft
Btm TMD: 9,867.0ft
Spud Date/Time: 3/3/2020
BH Coord X: 6,124,379.83usft
BH Coord Y: 2,281,406.20usft

Cement Depths - MD, TVD (ft)	Schematic (11/18/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 54.0ft 54.0ft (TOC) 94.0ft 94.0ft			24" Hole	0.0	94.0		94.0			
14.75" Hole			94.0	2,001.0	94.0	2,000.7				
8.75" Hole			2,001.0	10,019.0	2,000.7	9,678.4				
PRE-SET CONDUCTOR Report Date: 2/4/2020 00:00										
Item			OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing			16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0
SURFACE CASING Report Date: 3/3/2020 00:00										
Item			OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing			10.750	K-55	40.50	BTC	14.0	1,956.8	14.0	1956.5
FLOAT COLLAR			10.750	K-55	40.50	BTC	1,956.8	1,958.4	1956.5	1958.1
Casing			10.750	K-55	40.50	BTC	1,958.4	1,999.2	1958.1	1998.9
FLOAT SHOE			10.750	K-55	40.50	BTC	1,999.2	2,001.0	1998.9	2000.7
PRODUCTION CASING Report Date: 3/15/2020 00:00										
Item			OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing			7.000	N-80	26.00	GEO CONN	14.0	140.1	14.0	140.1
Pup Joint			7.000	HC P-11026.00		GEO CONN	140.1	160.1	140.1	160.1
Casing			7.000	N-80	26.00	GEO CONN	160.1	6,694.9	160.1	6490.2
Casing			7.000	HC P-11026.00		GEO CONN	6,694.9	9,601.0	6490.2	9279.7
FLOAT COLLAR			7.000	HC P-11026.00		GEO CONN	9,601.0	9,602.3	9279.7	9280.9
Casing			7.000	HC P-11026.00		GEO CONN	9,602.3	9,682.4	9280.9	9357.4
FLOAT COLLAR	7.000	HC P-11026.00		GEO CONN	9,682.4	9,683.7	9357.4	9358.5		
DRILL-IN SHOE	8.500	HC P-11026.00		GEO CONN	9,683.7	9,686.0	9358.5	9360.8		
2001.0ft 2000.7ft										

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 01B
Well Status: ACTIVE
Status date: 5/4/2022

326-1B

Ground Level: 1,071.6ft
Datum: Original DF @ 1,085.63ft (Ensign 540 - 14' KB)(default)
KB: 14.0ft
API-10: 0403066464

Wellbore: ORIGINAL HOLE
PBMD: 9,594.0ft
Btm TMD: 9,692.0ft
Spud Date/Time: 2/20/2020
BH Coord X: 6,124,860.05usft
BH Coord Y: 2,283,276.18usft

Cement Depths - MD, TVD (ft)	Schematic (5/4/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 14.0ft 14.0ft (TOC) 94.0ft 94.0ft			24" Hole	0.0	94.0	0.0	94.0				
2025.0ft, 2024.9ft			14.75" Hole	94.0	2,025.0	94.0	2,024.9				
			8.75" Hole	2,025.0	9,692.0	2,024.9	9,664.8				
			PRE-SET CONDUCTOR Report Date: 2/4/2020 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0
			SURFACE CASING Report Date: 2/21/2020 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	K-55	40.50	BTC	14.0	1,980.4	14.0	1980.3
			FLOAT COLLAR	10.750	K-55	40.50	BTC	1,980.4	1,982.0	1980.3	1981.9
			Casing	10.750	K-55	40.50	BTC	1,982.0	2,023.1	1981.9	2023.0
			FLOAT SHOE	10.750	K-55	40.50	BTC	2,023.1	2,025.0	2023.0	2024.9
			PRODUCTION CASING Report Date: 3/1/2020 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	7.000	N-80	26.00	BTC	14.0	9,594.9	14.0	9569.0
			FLOAT COLLAR	7.000	N-80	26.00	BTC	9,594.9	9,596.2	9569.0	9570.3
			Casing	7.000	N-80	26.00	BTC	9,596.2	9,678.4	9570.3	9651.3
			FLOAT SHOE	7.000	N-80	26.00	BTC	9,678.4	9,680.0	9651.3	9652.9
			TUBING STRING					Well: 326-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			TH-DBB	14.0	14.7	14.0	14.7	-----			
			FATNIP	14.7	15.4	14.7	15.3	Cond. Csg. Cmt Vol: Unknown			
			PUPJNT	15.4	33.7	15.3	33.7	Hole Size: 24"			
			TBGJNT	33.7	7,149.0	33.7	7137.1	Casing Size: 16"			
			HTBGJNT	7,149.0	7,152.1	7137.1	7140.2	Top Job: No			
			TBGJNT	7,152.1	9,336.2	7140.2	9313.3	Rtns to Sfc: Unknown			
			DRAIN	9,336.2	9,336.7	9313.3	9313.7	TOC: 14'			
			TBGJNT	9,336.7	9,398.2	9313.7	9374.7	-----			
			STNIP	9,398.2	9,399.3	9374.7	9375.8	Surface Csg. Cmt Vol: 1673 cf			
			PUPJNT	9,399.3	9,401.4	9375.8	9377.9	Class 'C' Lead Cement: 1347 cf			
			ROD STRING					Yield: 2.17, Density: 12.4 ppg.			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Tail Cement: 326 cf			
			POLRDL	0.0	42.0	0.0	42.0	Yield: 1.71 Density: 13.5 ppg.			
			PNYROD	42.0	60.0	42.0	60.0	Hole Size: 14.75"			
			ROD	60.0	150.0	60.0	150.0	Casing Size: 10.75"			
			COROD	150.0	1,300.0	150.0	1299.9	Top Job: No			
			COROD	1,300.0	3,280.0	1299.9	3279.8	Rtns to Sfc: Yes (30 Bbls)			
			COROD	3,280.0	5,660.0	3279.8	5657.2	TTOC: 14'			
			COROD	5,660.0	9,360.0	5657.2	9336.9	-----			
			PNYROD	9,360.0	9,362.0	9336.9	9338.8	Prod Csg. Cmt Vol: 2121 cf			
			SHRCPL	9,362.0	9,363.0	9338.8	9339.8	Class 'C' Lead Cement: 1443 cf			
			STB3P	9,363.0	9,367.0	9339.8	9343.8	Yield: 2.2, Density: 11.8 ppg.			
			ON-OFF	9,367.0	9,368.0	9343.8	9344.8	Class 'C' Tail Cement: 678 cf			
			STB3P	9,368.0	9,372.0	9344.8	9348.7	Yield: 1.86 Density: 13.5 ppg.			
			INSPMP	9,372.0	9,412.0	9348.7	9388.4	Hole Size: 9.875"			
			Formation Name					Casing Size: 7"			
			AMNICOLA	620.0	619.9			Top Job: No			
			LOWER_TULARE	683.0	682.9			Rtns to Sfc: Yes (1 Bbls)			
			SANJOAQUIN	1,252.8	1,252.7			TTOC: 14'			

								Screen/Slotted Liner Cmt Vol: NA cf			
								Hole Size: NA			
								Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			

								Cavity Shot: None			
								Junk: None			

							Volume Behind Pipe:				
							Assumed Yield: 1.15				
							Theoretical Calculations (TTOC)				
							R. Aguilar				
							Date: 11/2022				

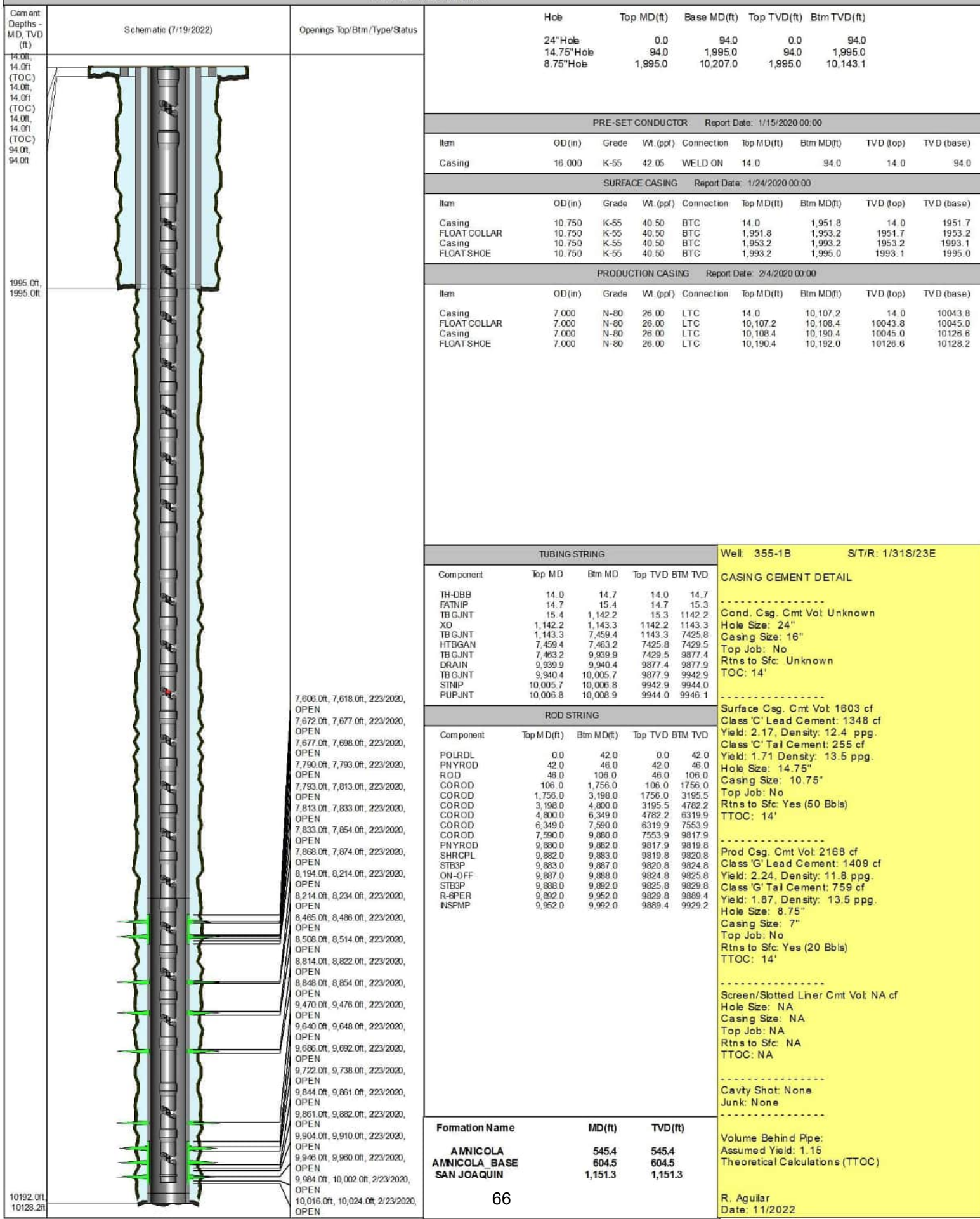
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 7/19/2022

355-1B

Ground Level: 1,048.4ft
 Datum: Original DF @ 1,062.43ft(Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066758

Wellbore: ORIGINAL HOLE
 PBMD: 10,098.0ft
 Btm TMD: 10,207.0ft
 Spud Date/Time: 1/23/2020
 BH Coord X: 6,127,272.64usft
 BH Coord Y: 2,283,710.91usft

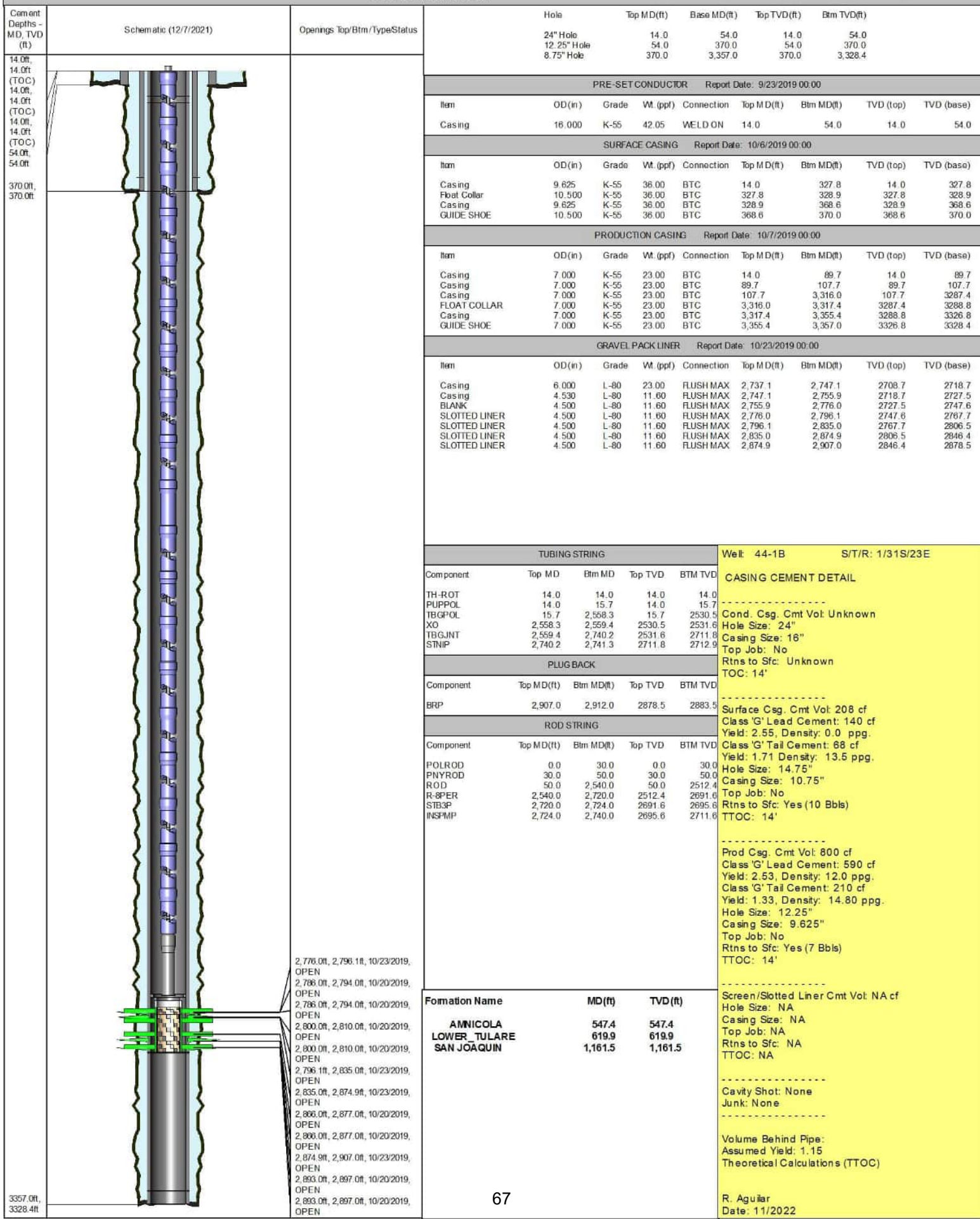


Field Name: ELK HILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 12/7/2021

44-1B

Ground Level: 1,097.4ft
Datum: Original DF @ 1,111.36ft (ENSGN 533 - KB = 14')(default)
KB: 14.0ft
API-10: 0403066781

Wellbore: ORIGINAL HOLE
PBMD: 2,907.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 10/5/2019
BH Coord X: 6,126,151.51usft
BH Coord Y: 2,284,475.10usft

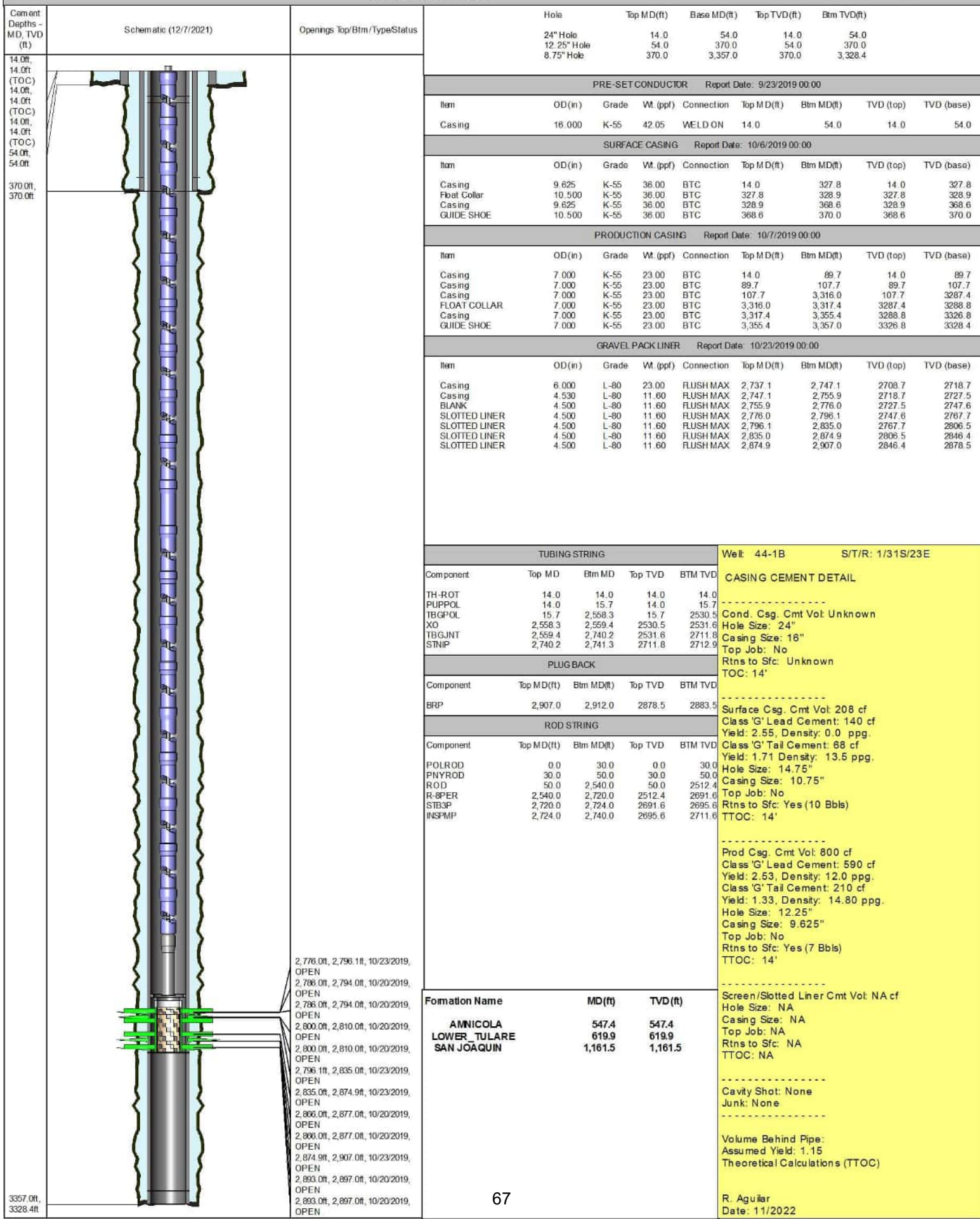


Field Name: ELK HILLS
Site Name: 01B
Well Status: INACTIVE
Status date: 12/7/2021

44-1B

Ground Level: 1,097.4ft
Datum: Original DF @ 1,111.36ft (ENSGN 533 - KB = 14") (default)
KB: 14.0ft
API-10: 0403066781

Wellbore: ORIGINAL HOLE
PBMD: 2,907.0ft
Btm TMD: 3,357.0ft
Spud Date/Time: 10/5/2019
BH Coord X: 6,126,151.51usft
BH Coord Y: 2,284,475.10usft



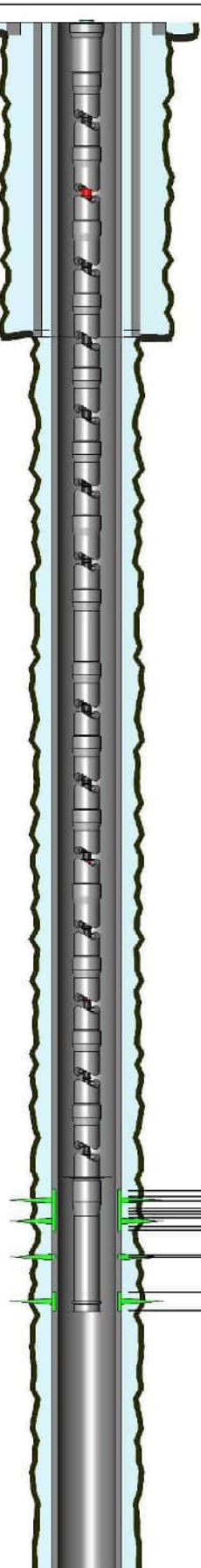
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Start date: 1/27/2022

317-1B

Ground Level: 1,054.5ft
 Datum: Original DF @ 1,068.52ft (Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403066881

Wellbore: ORIGINAL HOLE
 PBMD: 9,864.0ft
 Btm TMD: 9,953.0ft
 Spud Date/Time: 11/29/2019
 BH Coord X: 6,124,360.86usft
 BH Coord Y: 2,282,660.77usft

Cement Depths - MD, TVD (ft)	Schematic (1/27/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC)			20" Hole	14.0	94.0	14.0	94.0				
14.0ft, 14.0ft (TOC)			14.75" Hole	94.0	2,014.0	94.0	2,013.9				
14.0ft, 14.0ft (TOC)			8.75" Hole	2,014.0	9,953.0	2,013.9	9,848.1				
94.0ft, 94.0ft			PRE-SET CONDUCTOR Report Date: 11/6/2019 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0
			SURFACE CASING Report Date: 12/1/2019 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	K-55	40.50	BTC	14.0	1,968.6	14.0	1968.6
			FLOAT COLLAR	10.750	K-55	40.50	BTC	1,968.6	1,970.2	1968.6	1970.1
			Casing	10.750	K-55	40.50	BTC	1,970.2	2,012.2	1970.1	2012.1
			GUIDE SHOE	10.750	K-55	40.50	BTC	2,012.2	2,014.0	2012.1	2014.0
			PRODUCTION CASING Report Date: 12/11/2019 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	7.000	N-80	26.00	LTC	14.0	9,864.0	14.0	9760.0
			FLOAT COLLAR	7.000	N-80	26.00	LTC	9,864.0	9,865.2	9760.0	9761.2
			Casing	7.000	N-80	26.00	LTC	9,865.2	9,944.5	9761.2	9839.7
			FLOAT SHOE	7.000	N-80	26.00	LTC	9,944.5	9,946.0	9839.7	9841.2
2014.0ft, 2013.9ft			TUBING STRING					Well: 317-1B S/T/R: 1/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			TH-DBB	14.0	14.7	14.0	14.7	-----			
			FATNIP	14.7	15.4	14.7	15.3	Cond. Csg. Cmt Vol: Unknown			
			TBGJNT	15.4	329.6	15.3	329.6	Hole Size: 20"			
			XO	329.6	330.7	329.6	330.7	Casing Size: 16"			
			TBGJNT	330.7	7,351.4	330.7	7252.6	Top Job: No			
			HTBGAN	7,351.4	7,355.2	7252.6	7256.4	Rtns to Sfc: Unknown			
			TBGJNT	7,355.2	8,140.7	7256.4	8041.7	TOC: Unknown			
			DRAIN	8,140.7	8,141.2	8041.7	8042.2	-----			
			TBGJNT	8,141.2	8,203.2	8042.2	8104.2	Surface Csg. Cmt Vol: 1606 cf			
			STNIP	8,203.2	8,204.4	8104.2	8105.3	Class 'G' Lead Cement: 1348 cf			
			PUPJNT	8,204.4	8,208.4	8105.3	8109.3	Yield: 2.17, Density: 13.5 ppg.			
			ROD STRING					Class 'G' Tail Cement: 258 cf			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.71 Density: 11.2 ppg.			
			POLRDL	0.0	42.0	0.0	42.0	Hole Size: 14.75"			
			PNYROD	42.0	46.0	42.0	46.0	Casing Size: 10.75"			
			ROD	46.0	136.0	46.0	136.0	Top Job: No			
			COROD	136.0	2,060.0	136.0	2059.9	Rtns to Sfc: No			
			COROD	2,060.0	3,577.0	2059.9	3576.8	TTOC: 14'			
			COROD	3,577.0	4,976.0	3576.8	4975.7	-----			
			COROD	4,976.0	5,772.0	4975.7	5740.0	Prod Csg. Cmt Vol: 2064 cf			
			COROD	5,772.0	6,569.0	5740.0	6476.9	Class 'C' Lead Cement: 1347 cf			
			COROD	6,569.0	8,151.0	6476.9	8052.0	Yield: 2.24, Density: 13.5 ppg.			
			PNYROD	8,151.0	8,153.0	8052.0	8054.0	Class 'C' Tail Cement: 717 cf			
			SHRCPL	8,153.0	8,154.0	8054.0	8055.0	Yield: 1.87, Density: 8.4 ppg.			
			STB3P	8,154.0	8,158.0	8055.0	8059.0	Hole Size: 8.75"			
			ON-OFF	8,158.0	8,159.0	8059.0	8060.0	Casing Size: 7"			
			STB3P	8,159.0	8,163.0	8060.0	8064.0	Top Job: No			
			INSMP	8,163.0	8,203.0	8064.0	8104.0	Rtns to Sfc: No			
			Formation Name					TTOC: 14'			
			AMNICOLA	633.9	633.8			Screen/Slotted Liner Cmt Vol: NA cf			
			LOWER_TULARE	698.6	698.5			Hole Size: NA			
			SANJOAQUIN	1,263.2	1,263.1			Casing Size: NA			
								Top Job: NA			
								Rtns to Sfc: NA			
								TTOC: NA			

								Cavity Shot: None			
								Junk: None			

								Volume Behind Pipe:			
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
9946.0ft, 9841.2ft								R. Aguilar			
								Date: 11/2022			

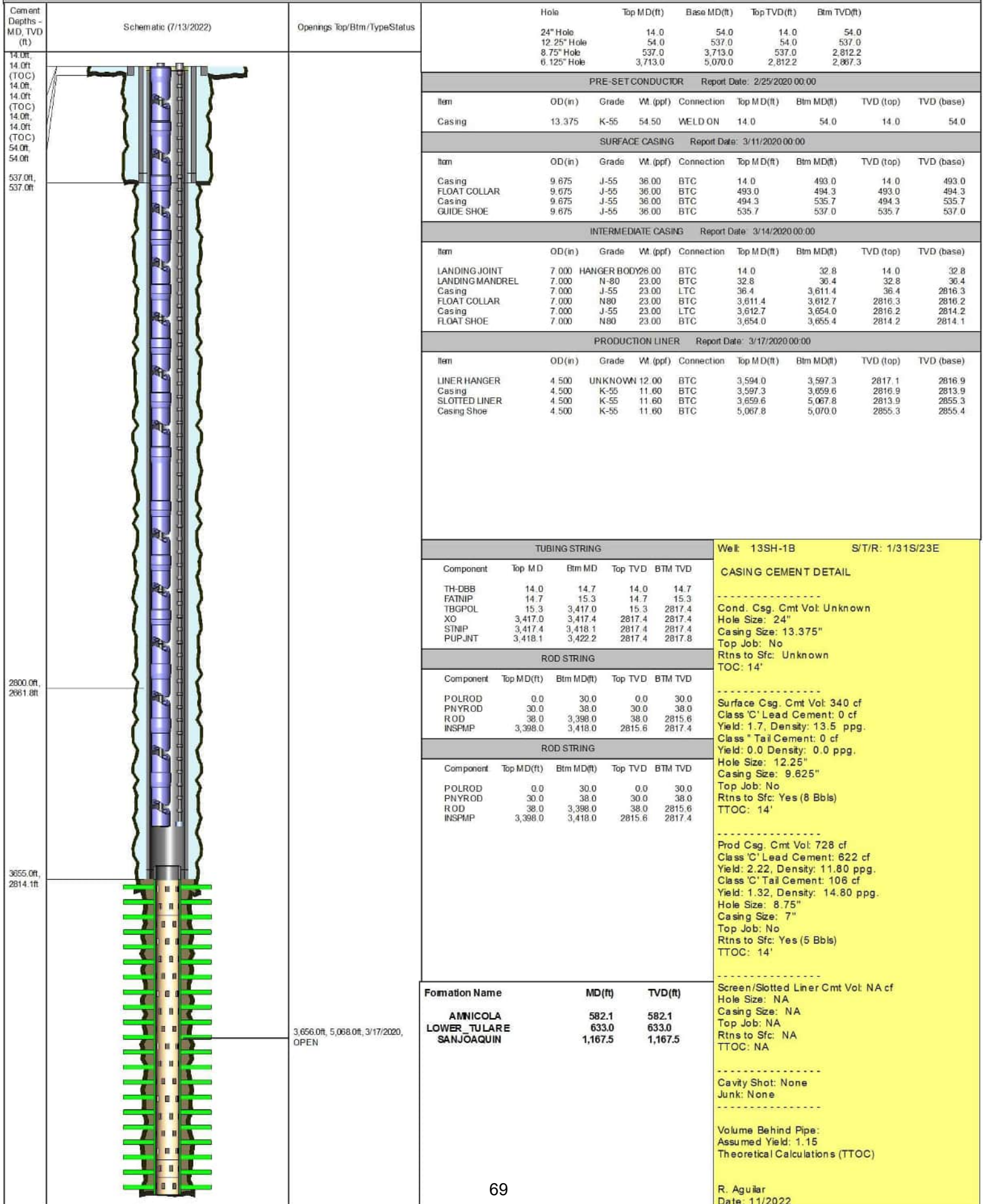
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 7/13/2022

13SH-1B

Ground Level: 1,111.4ft
 Datum: Original DF @ 1,125.36ft (Ensign 536 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403067416

Wellbore: ORIGINAL HOLE
 PBMD: 5,068.0ft
 Btm TMD: 5,070.0ft
 Spud Date/Time: 3/10/2020
 BH Coord X: 6,127,033.87usft
 BH Coord Y: 2,283,819.44usft

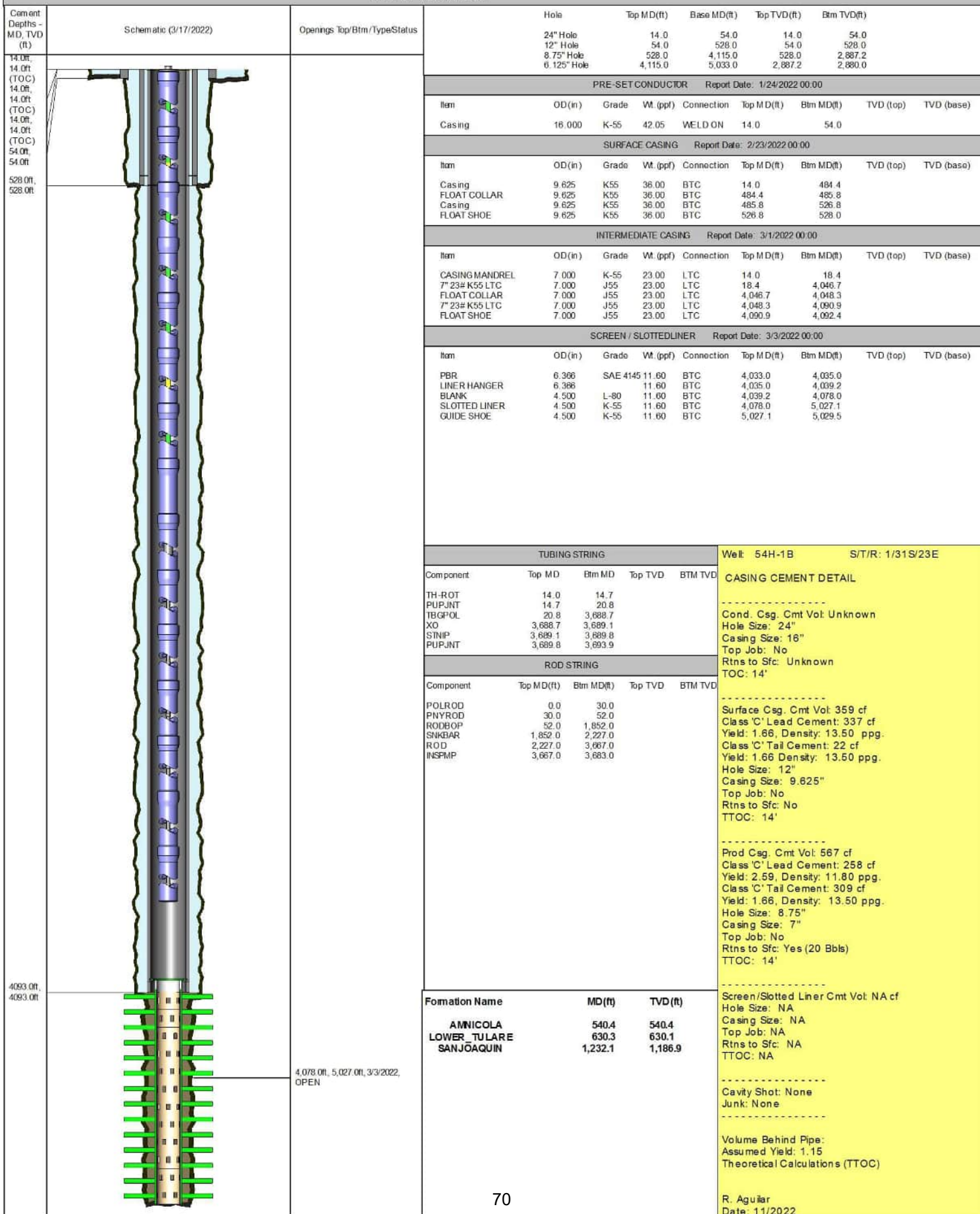


Field Name: ELK HILLS
 Site Name: 01B
 Well Status: ACTIVE
 Status date: 3/17/2022

54H-1B

Ground Level: 1,127.1ft
 Datum: Original DF @ 1,141.11ft (Ensign 536 + KB 14')(default)
 KB: 14.0ft
 API-10: 0403067486

Wellbore: ORIGINAL HOLE
 PBMD: 5,030.0ft
 Btm TMD: 5,033.0ft
 Spud Date/Time: 2/23/2022
 BH Coord X: 6,128,705.09usft
 BH Coord Y: 2,283,168.31usft



Well: 54H-1B S/T/R: 1/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: Unknown
 Hole Size: 24"
 Casing Size: 16"
 Top Job: No
 Rtns to Sfc: Unknown
 TOC: 14'

Surface Csg. Cmt Vol: 359 cf
 Class 'C' Lead Cement: 337 cf
 Yield: 1.66, Density: 13.50 ppg.
 Class 'C' Tail Cement: 22 cf
 Yield: 1.66, Density: 13.50 ppg.
 Hole Size: 12"
 Casing Size: 9.625"
 Top Job: No
 Rtns to Sfc: No
 TTOC: 14'

Prod Csg. Cmt Vol: 567 cf
 Class 'C' Lead Cement: 258 cf
 Yield: 2.59, Density: 11.80 ppg.
 Class 'C' Tail Cement: 309 cf
 Yield: 1.66, Density: 13.50 ppg.
 Hole Size: 8.75"
 Casing Size: 7"
 Top Job: No
 Rtns to Sfc: Yes (20 Bbls)
 TTOC: 14'

Screen/Slotted Liner Cmt Vol: NA cf
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TTOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:
 Assumed Yield: 1.15
 Theoretical Calculations (TTOC)

R. Aguilar
 Date: 11/2022

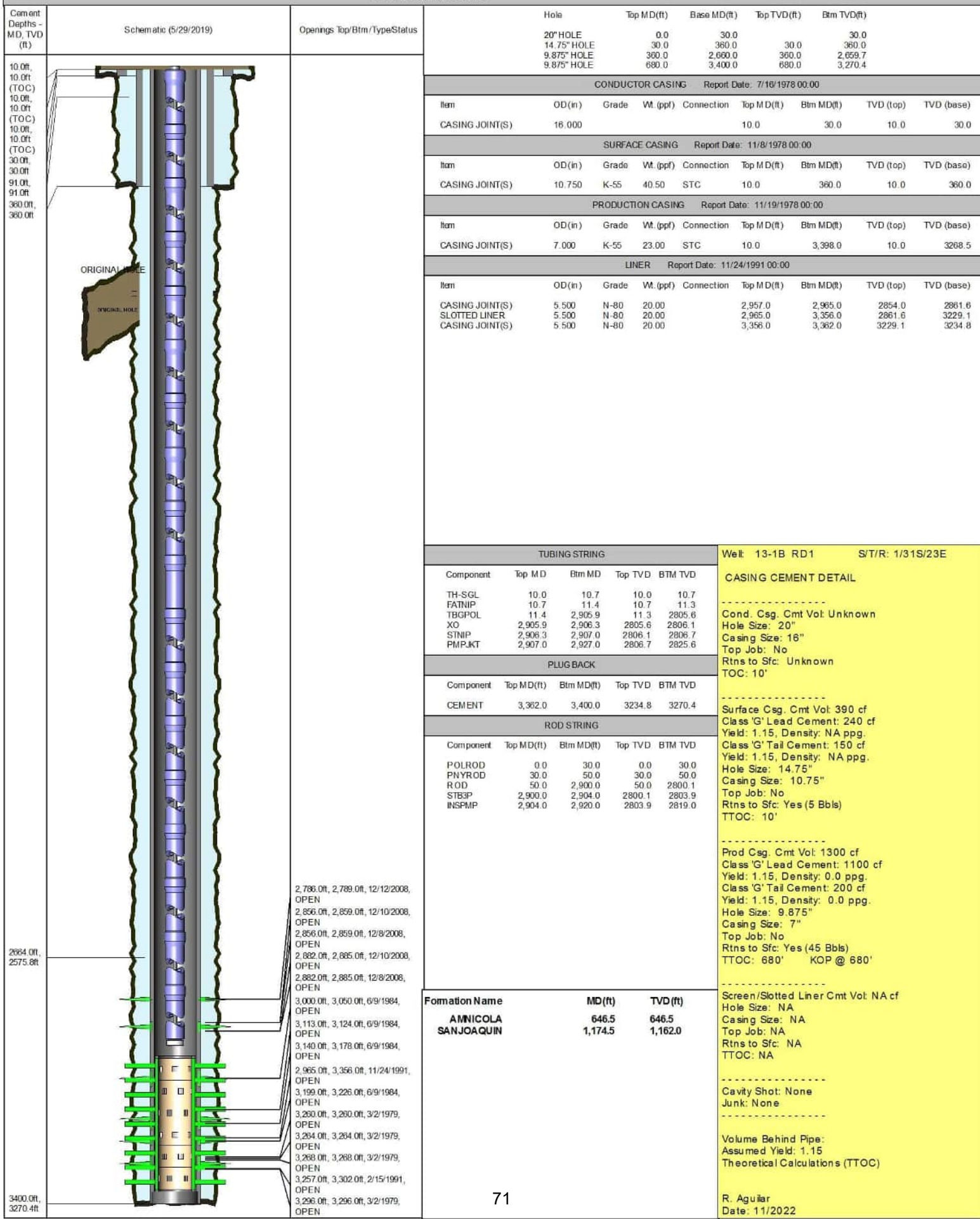
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 5/29/2019

13-1B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,159.00ft (default)
 KB: 10.0ft
 API-10: 0402955673

Wellbore: ST 1
 PBMD: 3,362.0ft
 Btm TMD: 3,400.0ft
 Spud Date/Time: 11/8/1978
 BH Coord X: 6,123,606.40usft
 BH Coord Y: 2,285,431.38usft



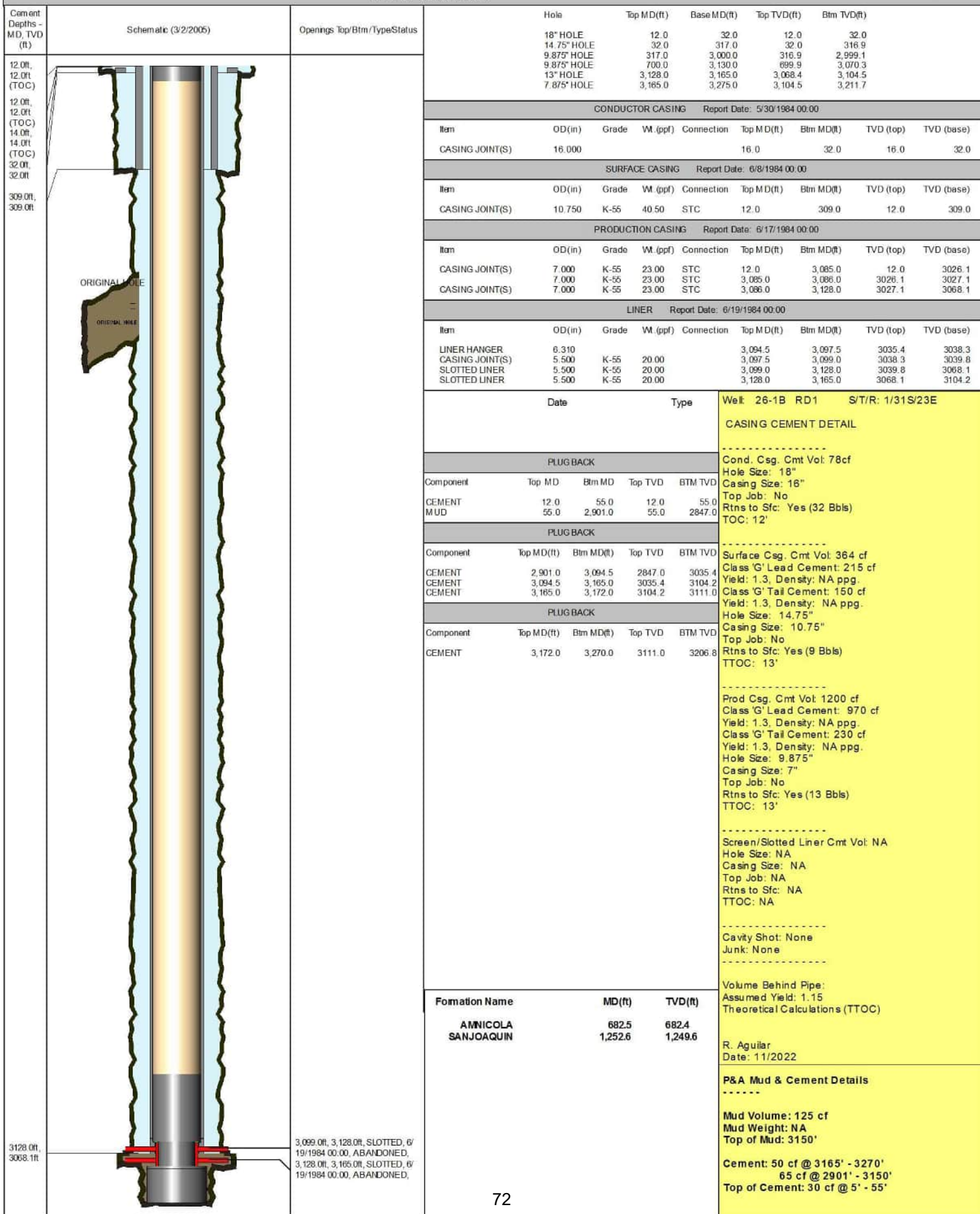
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 01B
 Well Status: P&A
 Status date: 3/2/2005

26-1B

Ground Level: 1,078.0ft
 Datum: Original DF @ 1,090.00ft (default)
 KB: 12.0ft
 API-10: 0402972052

Wellbore: ST 1
 PBMD: 12.0ft
 Btm TMD: 3,275.0ft
 Spud Date/Time: 6/4/1984
 BH Coord X: 6,124,688.27usft
 BH Coord Y: 2,283,288.22usft



**WELL CONSTRUCTION DETAILS
FOR WELLS LOCATED IN
SECTION 2B**

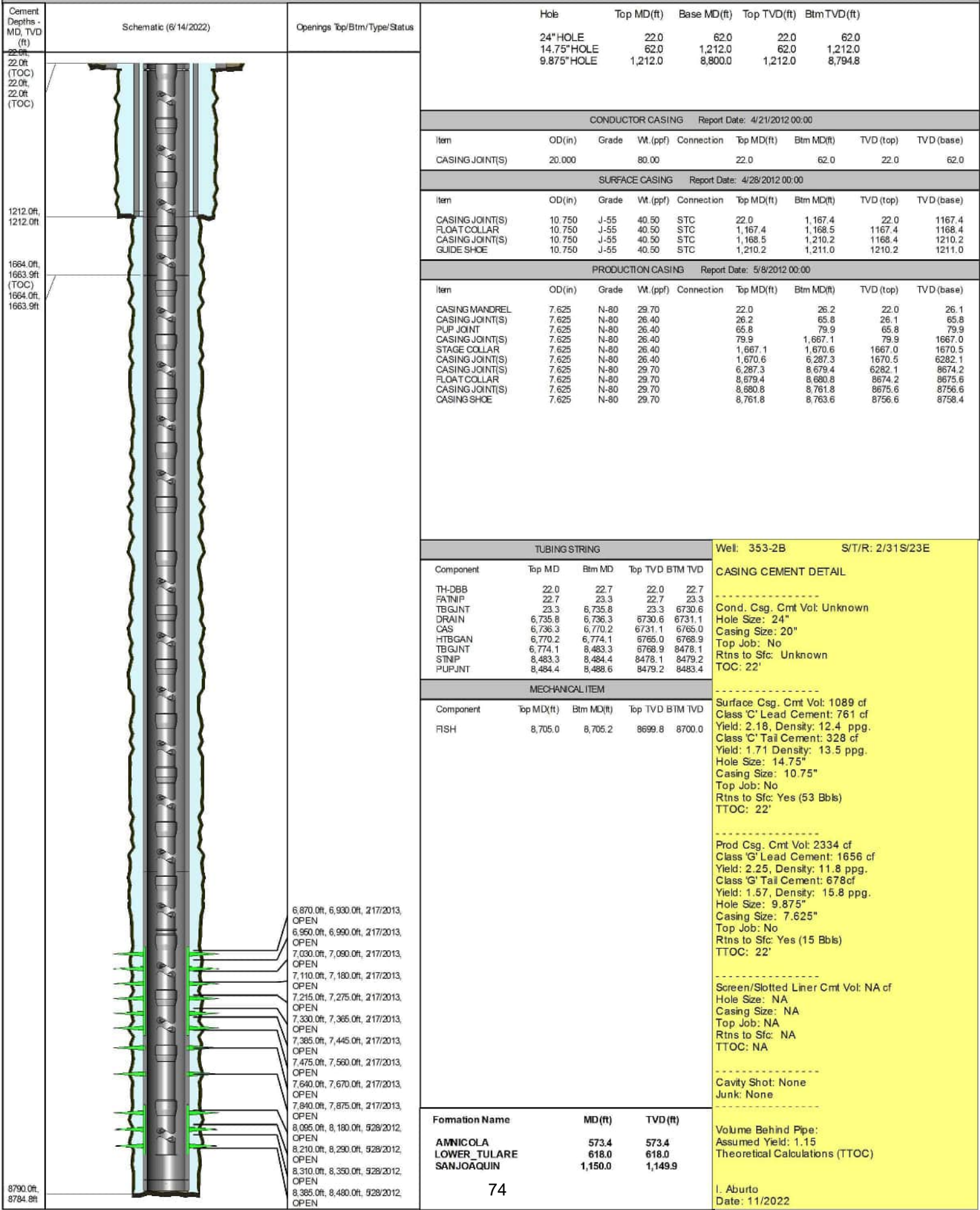
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 6/14/2022

353-2B

Ground Level: 1,106.5ft
 Datum: Original KB @ 1,128.50ft (default)
 KB: 22.0ft
 API-10: 0403046702

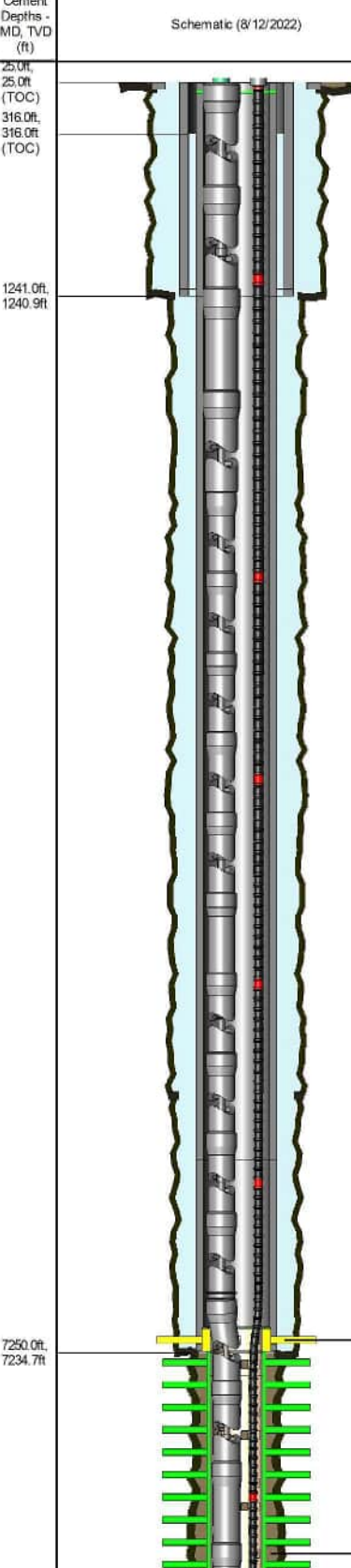
Wellbore: ORIGINAL HOLE
 PBMD: 8,709.0ft
 Btm TMD: 8,800.0ft
 Spud Date/Time: 4/27/2012
 BH Coord X: 6,121,750.17usft
 BH Coord Y: 2,285,299.77usft



Field Name: ELK HILLS
Site Name: 02B
Well Status: ACTIVE
End date: 8/12/2022

Ground Level: 1,167.9ft
Datum: Original DF @ 1,192.90ft (Air Gap = 25')(default)
KB: 25.0ft
API-10: 0403054258

Wellbore: ORIGINAL HOLE
PBMD: 9,540.0ft
Btm TMD: 9,550.0ft
Spud Date/Time: 3/31/2014
BH Coord X: 6,122,470.99usft
BH Coord Y: 2,286,501.36usft

Cement Depths - MD, TVD (ft)	Schematic (8/12/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
25.0ft 25.0ft (TOC)			20" Hole	25.0	65.0	25.0	65.0				
316.0ft 316.0ft (TOC)			14.5" Hole	65.0	1,241.0	65.0	1,240.9				
			10-1/2" Hole	1,241.0	5,789.0	1,240.9	5,780.6				
			8.75" Hole	5,789.0	7,250.0	5,780.6	7,234.7				
			9.875" Hole	5,789.0	7,250.0	5,780.6	7,234.7				
			6.75 Hole	7,250.0	9,550.0	7,234.7	9,533.3				
			CONDUCTOR CASING Report Date: 3/30/2014 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000				25.0	65.0	25.0	65.0
1241.0ft 1240.9ft			SURFACE CASING Report Date: 3/31/2014 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	J-55	40.50		25.0	1,199.0	25.0	1198.9
			Float Collar	10.750		0.00		1,199.0	1,200.3	1198.9	1200.3
			Casing	10.750	J-55	40.50		1,200.3	1,239.4	1200.3	1239.4
			Guide Shoe	10.750		0.00		1,239.4	1,241.0	1239.4	1240.9
			INTERMEDIATE CASING Report Date: 4/8/2014 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			LANDING MANDREL	7.625	N-80	29.70		25.0	29.8	25.0	29.8
			Casing	7.625	N-80	26.40		29.8	71.2	29.8	71.1
			Pup Joint	7.625	N-80	29.70		71.2	91.0	71.1	91.0
			Casing	7.625	N-80	26.40		91.0	4,726.0	91.0	4725.5
			Casing	7.625	P 110	29.70		4,726.0	6,151.6	4725.5	6139.8
			Casing	7.625	P 110	29.70		6,151.6	7,196.4	6139.8	7181.2
			Float Collar	7.625		0.00		7,196.4	7,197.7	7181.2	7182.5
			Casing	7.625	P 110	29.70		7,197.7	7,238.3	7182.5	7223.1
			Casing Shoe	7.625		0.00		7,238.3	7,240.0	7223.1	7224.7
			SCREEN / SLOTTED LINER Report Date: 4/16/2014 00:00								
			Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			SETTING SLEEVE	6.375	N80	17.00		7,101.7	7,104.5	7086.6	7089.4
			Liner Hanger	6.500	N80	17.00		7,104.5	7,111.4	7089.4	7096.3
			SLOTTED LINER	5.500	L-80	17.00		7,111.4	9,540.4	7096.3	9523.7
			GUIDE SHOE	5.875	N80	17.00		9,540.4	9,547.0	9523.7	9530.3
			TUBING STRING					Well: 361-2B S/T/R: 2/31 S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			TH-DBB	25.0	25.7	25.0	25.7	Cond. Csg. Cmt Vol: Unknown			
			FATNIP	25.7	26.2	25.7	26.2	Hole Size: 24"			
			TBGJNT	26.2	2,350.8	26.2	2350.6	Casing Size: 20"			
	XO	2,350.8	2,351.9	2350.6	2351.7	Top Job: No					
	TBGJNT	2,351.9	6,902.6	2351.7	6887.5	Rtns to Sfc: Unknown					
	HTBGAN	6,902.6	6,906.7	6887.5	6891.6	TOC: 25'					
	TBGJNT	6,906.7	6,939.2	6891.6	6924.1	Surface Csg. Cmt Vol: 876 of					
	HTBGAN	6,939.2	6,943.5	6924.1	6928.4	Class 'C' Lead Cement: 663 of					
	TBGJNT	6,943.5	9,248.0	6928.4	9231.4	Yield: 1.15, Density: 12.4 ppg.					
	DRAIN	9,248.0	9,248.4	9231.4	9231.9	Class 'C' Tail Cement: 213 of					
	TBGJNT	9,248.4	9,411.0	9231.9	9394.4	Yield: 1.15 Density: 13.5 ppg.					
	STNP	9,411.0	9,412.1	9394.4	9395.5	Hole Size: 14.5"					
	PMPSH	9,412.1	9,416.3	9395.5	9399.6	Casing Size: 10.75"					
	ROD STRING					Top Job: No					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Rtns to Sfc: Yes (16 Bbls)					
	POLRDL	0.0	42.0	0.0	42.0	TTOC: 25'					
	PNYROD	42.0	52.0	42.0	52.0	Prod Csg. Cmt Vol: 2450 of					
	R-4PER	52.0	2,062.0	52.0	2061.8	Class 'G' Lead Cement: 2254 of					
	R-4PER	2,062.0	5,182.0	2061.8	5180.8	Yield: 1.15, Density: 12.4 ppg.					
	ROD	5,182.0	7,042.0	5180.8	7026.9	Class 'G' Tail Cement: 196 of					
	R-4PER	7,042.0	8,722.0	7026.9	8705.7	Yield: 1.15, Density: 15.8 ppg.					
	R-6PER	8,722.0	9,382.0	8705.7	9365.4	Hole Size: 9.875"					
	STB3P	9,382.0	9,386.0	9365.4	9369.4	Casing Size: 7.625"					
	SHRCPL	9,386.0	9,387.0	9369.4	9370.4	Top Job: No					
	STB3P	9,387.0	9,391.0	9370.4	9374.4	Rtns to Sfc: No					
	INSPMP	9,391.0	9,431.0	9374.4	9414.4	TTOC: 316'					
	ROD STRING					Screen/Slotted Liner Cmt Vol: NA of					
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Hole Size: NA					
	POLROD	0.0	42.0	0.0	42.0	Casing Size: NA					
	PNYROD	42.0	68.0	42.0	68.0	Top Job: NA					
	COROD	68.0	2,220.0	68.0	2219.8	Rtns to Sfc: NA					
	COROD	2,220.0	3,390.0	2219.8	3389.7	TTOC: NA					
	COROD	3,390.0	4,533.0	3389.7	4532.6	Cavity Shot: None					
	COROD	4,533.0	5,770.0	4532.6	5761.8	Junk: None					
	COROD	5,770.0	6,806.0	5761.8	6790.9	Volume Behind Pipe:					
	COROD	6,806.0	9,282.0	6790.9	9265.4	Assumed Yield: 1.15					
	STB3P	9,282.0	9,286.0	9265.4	9269.4	Theoretical Calculations (TTOC)					
	SHRCPL	9,286.0	9,287.0	9269.4	9270.4	I. Aburto					
	STB3P	9,287.0	9,291.0	9270.4	9274.4	Date: 11/2022					
	POLROD	9,291.0	9,331.0	9274.4	9314.4						
	PLUNGR	9,331.0	9,337.0	9314.4	9320.4						
7250.0ft 7234.7ft		7,111.0ft, 7,240.0ft, 4/16/2014, ISOLATED	Formation Name	MD(ft)	TVD(ft)						
			AMNICOLA	562.2	562.2						
			LOWER_TULARE	597.2	597.2						
			SANJOAQUIN	1,120.1	1,120.1						
		7,240.0ft, 9,540.0ft, 4/16/2014, OPEN	75								

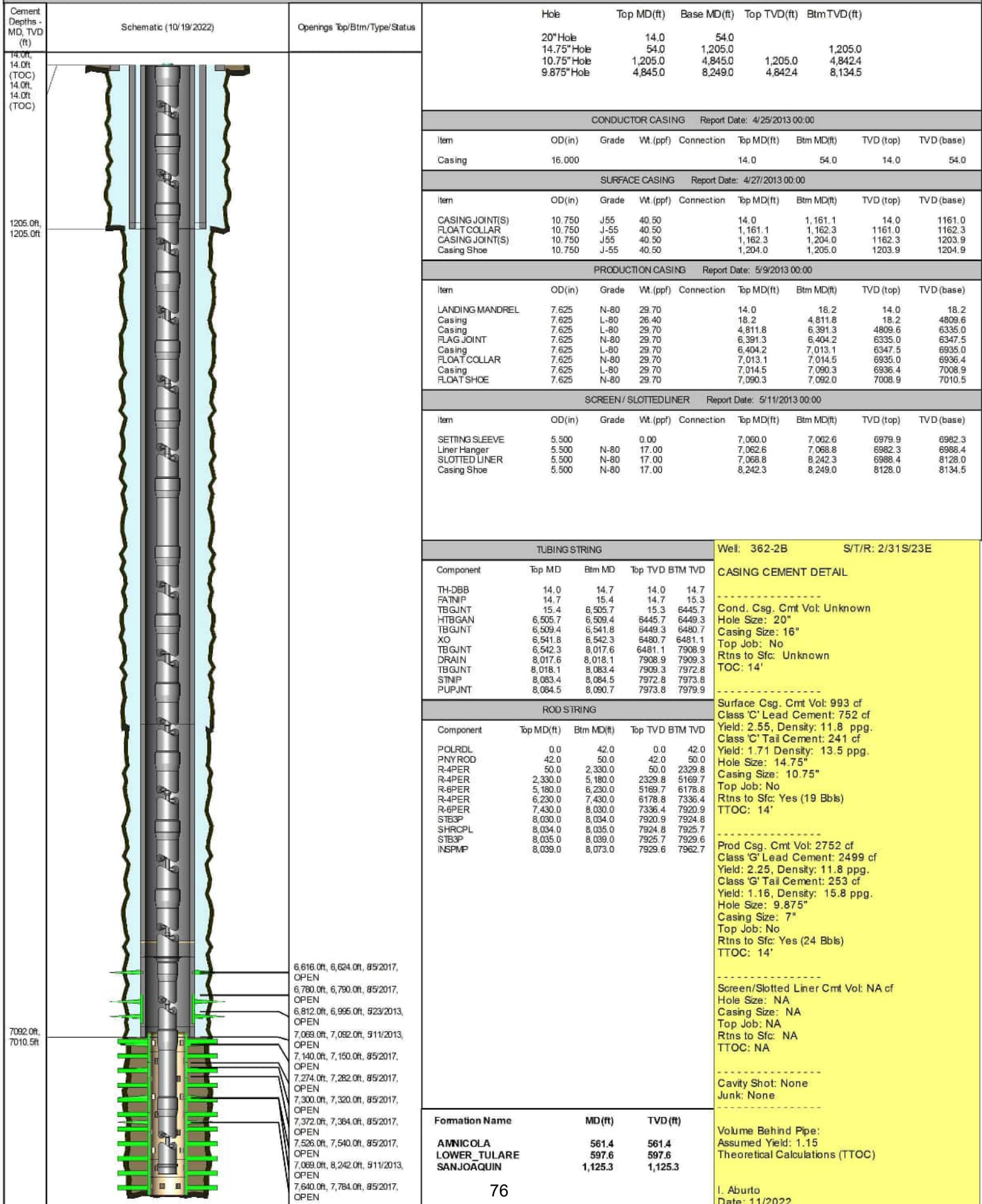
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 10/19/2022

362-2B

Ground Level: 1,155.6ft
 Datum: Original DF @ 1,169.60ft (A G = 14") (default)
 KB: 14.0ft
 API-10: 0403050235

Wellbore: ORIGINAL HOLE
 PBMD: 8,249.0ft
 Btm TMD: 8,249.0ft
 Spud Date/Time: 4/27/2013
 BH Coord X: 6,122,936.36usft
 BH Coord Y: 2,285,237.33usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 6/15/2022

364-2B

Ground Level: 1,123.7ft
 Datum: Original DF @ 1,148.70ft (default)
 KB: 25.0ft
 API-10: 0403054464

Wellbore: ORIGINAL HOLE
 PBMD: 7,907.0ft
 Btm TMD: 8,005.0ft
 Spud Date/Time: 5/1/2014
 BH Coord X: 6,122,442.43usft
 BH Coord Y: 2,284,456.42usft

Cement Depths - MD, TVD (ft)	Schematic (6/15/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
25.0ft 25.0ft (TOC) 25.0ft 25.0ft (TOC)			20"Hole	25.0	65.0	25.0	65.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			14.5"Hole	65.0	1,328.0	65.0	1,327.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				10.5"Hole	1,328.0	6,704.0	1,327.9	6,693.6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				8.75"Hole	6,704.0	8,005.0	6,693.6	7,989.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				PRE-SET CONDUCTOR Report Date: 4/3/2014 00:00																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Casing	20.000				25.0	65.0	25.0	65.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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				Item	OD(in)	Grade	Wt.(ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Casing	10.750	J-55	40.50	BTC	25.0	1,285.3	25.0	1,285.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				FLOAT COLLAR	10.750	K-55	40.50	BTC	1,285.3	1,286.6	1,285.2	1,286.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Casing	10.750	J-55	40.50	BTC	1,286.6	1,325.9	1,286.5	1,325.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				FLOAT SHOE	10.750	K-55	40.50	BTC	1,325.9	1,326.9	1,325.8	1,326.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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				LANDING MANDREL	7.000	N-80	26.00		25.0	29.9	25.0	29.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Casing	7.000	N-80	26.00		29.9	7,907.2	29.9	7892.3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Float Collar	7.000	N-80	26.00		7,907.2	7,908.6	7892.3	7893.7																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Casing	7.000	N-80	26.00		7,908.6	7,988.5	7893.7	7973.5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				FLOAT SHOE	7.000	N-80	26.00		7,988.5	7,990.0	7973.5	7974.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1327.0ft, 1326.9ft		6,616.0ft, 6,628.0ft, 6/24/2016, OPEN 6,910.0ft, 6,920.0ft, 6/24/2016, OPEN 6,950.0ft, 6,966.0ft, 6/24/2016, OPEN 7,014.0ft, 7,040.0ft, 6/24/2016, OPEN 7,058.0ft, 7,064.0ft, 9/29/2014, OPEN 7,070.0ft, 7,082.0ft, 6/24/2016, OPEN 7,088.0ft, 7,096.0ft, 6/24/2016, OPEN 7,112.0ft, 7,138.0ft, 6/24/2016, OPEN 7,142.0ft, 7,152.0ft, 9/29/2014, OPEN 7,152.0ft, 7,160.0ft, 6/24/2016, OPEN 7,160.0ft, 7,166.0ft, 9/29/2014, OPEN 7,176.0ft, 7,184.0ft, 9/29/2014, OPEN 7,188.0ft, 7,200.0ft, 9/29/2014, OPEN 7,200.0ft, 7,208.0ft, 6/24/2016, OPEN 7,216.0ft, 7,232.0ft, 9/29/2014, OPEN 7,232.0ft, 7,240.0ft, 6/24/2016, OPEN 7,240.0ft, 7,250.0ft, 9/29/2014, OPEN 7,256.0ft, 7,260.0ft, 9/29/2014, OPEN 7,314.0ft, 7,324.0ft, 9/29/2014, OPEN 7,424.0ft, 7,428.0ft, 9/29/2014, OPEN 7,454.0ft, 7,462.0ft, 9/29/2014, OPEN 7,468.0ft, 7,472.0ft, 9/29/2014, OPEN 7,488.0ft, 7,494.0ft, 9/29/2014, OPEN 7,508.0ft, 7,522.0ft, 6/24/2016, OPEN 7,526.0ft, 7,532.0ft, 9/29/2014, OPEN 7,562.0ft, 7,566.0ft, 9/29/2014, OPEN 7,562.0ft, 7,568.0ft, 9/29/2014, OPEN 7,574.0ft, 7,580.0ft, 9/29/2014, OPEN 7,642.0ft, 7,678.0ft, 6/24/2016, OPEN 7,686.0ft, 7,708.0ft, 9/29/2014, OPEN 7,718.0ft, 7,740.0ft, 6/24/2016, OPEN 7,746.0ft, 7,752.0ft, 9/29/2014, OPEN 7,846.0ft, 7,850.0ft, 9/29/2014, OPEN 7,856.0ft, 7,862.0ft, 9/29/2014, OPEN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

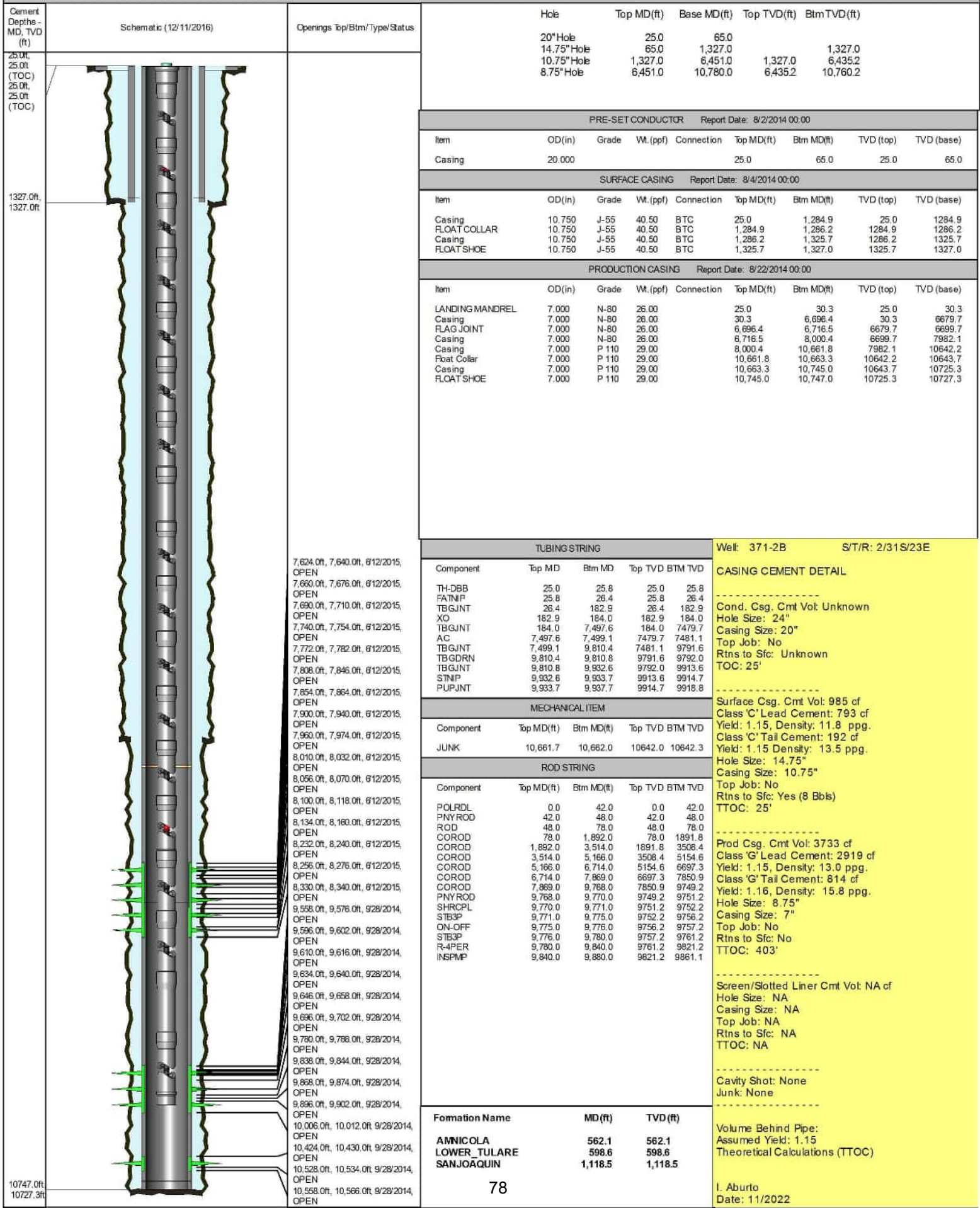
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 12/11/2016

371-2B

Ground Level: 1,169.6ft
 Datum: Original DF @ 1,194.60ft (default)
 KB: 25.0ft
 API-10: 0403055154

Wellbore: ORIGINAL HOLE
 PBMD: 10,662.0ft
 Btm TMD: 10,780.0ft
 Spud Date/Time: 8/3/2014
 BH Coord X: 6,123,175.23usft
 BH Coord Y: 2,286,755.54usft



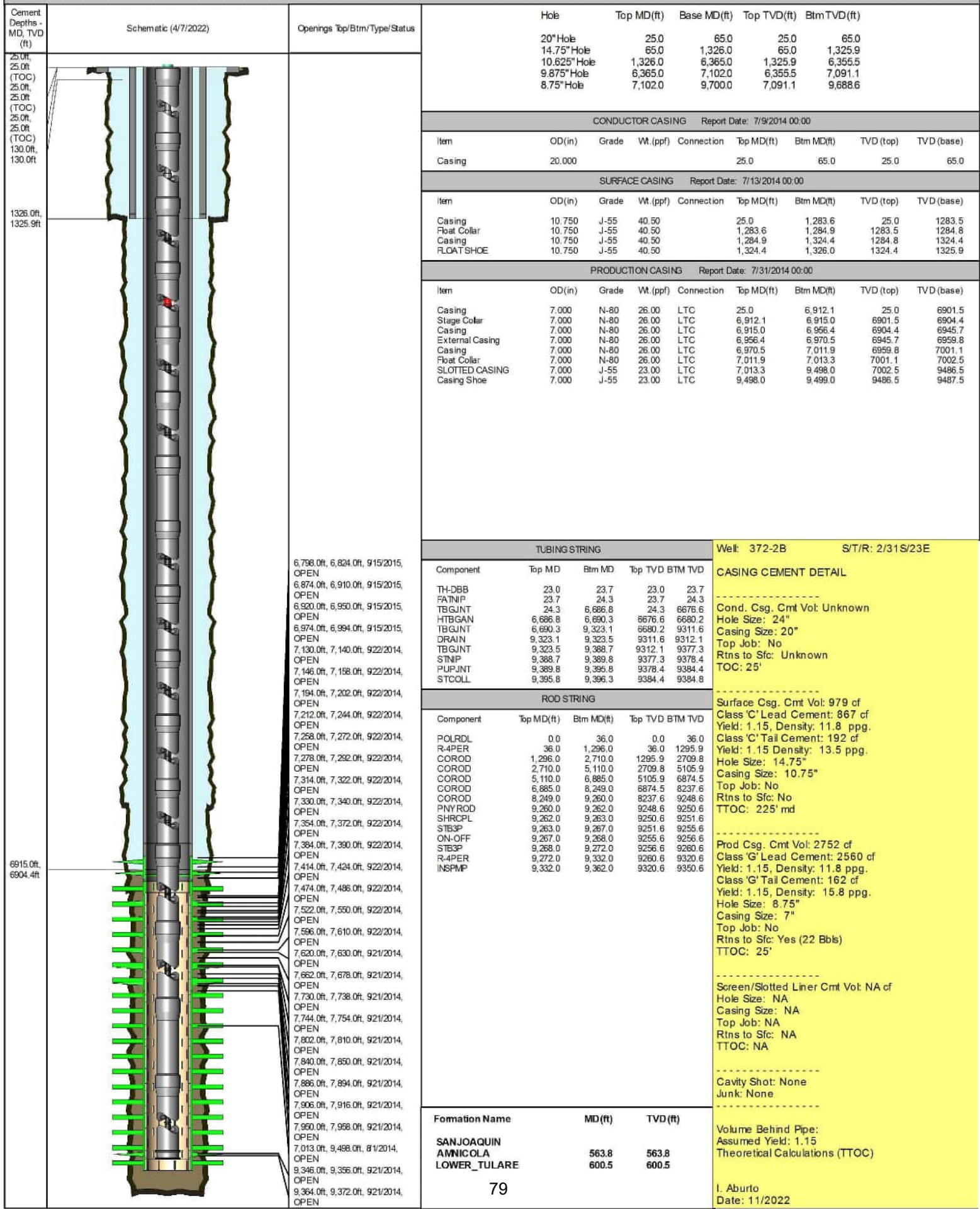
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: FINISHED - SUCCESS
 End date: 4/7/2022

372-2B

Ground Level: 1,169.6ft
 Datum: Original DF @ 1,194.60ft (H&P 381 Air Gap - 25')(default)
 KB: 25.0ft
 API-10: 0403055155

Wellbore: ORIGINAL HOLE
 PBMD: 9,499.0ft
 Btm TMD: 9,700.0ft
 Spud Date/Time: 7/13/2014
 BH Coord X: 6,123,019.57usft
 BH Coord Y: 2,286,090.34usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 Status date: 6/1/2007

1-2B

Ground Level: 1,055.0ft
 Datum: Original KB @ 1,060.00ft (default)
 KB: 5.0ft
 API-10: 0402927890

Wellbore: ORIGINAL HOLE
 PBMD: 0.0ft
 Btm TMD: 1,845.0ft
 Spud Date/Time: 12/1/1910
 BH Coord X: 6,121,741.76usft
 BH Coord Y: 2,284,012.93usft

Cement Depths - MD, TVD (ft)	Schematic: (6/1/2007)	Openings: Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)					
			20" Hole	0.0	325.0							
			14.75" Hole	325.0	750.0							
			9.875" Hole	750.0	1,845.0							
			PRE-SET CONDUCTOR Report Date: 12/1/1910 00:00									
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			Casing	16.000		65.00		5.0	325.0	5.0	325.0	
			SURFACE CASING Report Date: 12/2/1910 00:00									
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			Casing	12.500		40.00		5.0	750.0	5.0	750.0	
			PRODUCTION CASING Report Date: 12/3/1910 00:00									
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			Casing	8.250		39.50		5.0	1,600.0	5.0	1600.0	
			Component	Top MD	Btm MD	Top TVD	Btm TVD	Well: 1-2B S/T/R: 2/31S/23E				
									CASING CEMENT DETAIL			
									----- Cond. Csg. Cmt Vol: NA Hole Size: 20" Casing Size: 16" Top Job: No Rtns to Sfc: NA TOC: 5' ----- Surface Csg. Cmt Vol: NA Class 'G' Lead Cement: NA Yield: 0.0, Density: NA ppg. Class 'G' Tail Cement: NAcf Yield: 0.0, Density: NA ppg. Hole Size: 14.75" Casing Size: 12.5" Top Job: No Rtns to Sfc: NA TTOC: 5' ----- Prod Csg. Cmt Vol: NA Class 'G' Lead Cement: NA Yield: 0.0, Density: NA ppg. Class 'G' Tail Cement: NA Yield: 0.0, Density: NA ppg. Hole Size: 9.875" Casing Size: 8.25" Top Job: No Rtns to Sfc: NA TTOC: 5' ----- Screen/Slotted Liner Cmt Vol: NA Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)			
			Formation Name	MD(ft)	TVD(ft)	R. Aguilar Date: 11/2022						
								P&A Mud & Cement Details ----- Mud Volume: NA Mud Weight: NA Top of Mud: NA Cement: 1179 cf @ 5' - 1845' Top Cement: 3 cf @ 5' - 8'				

80

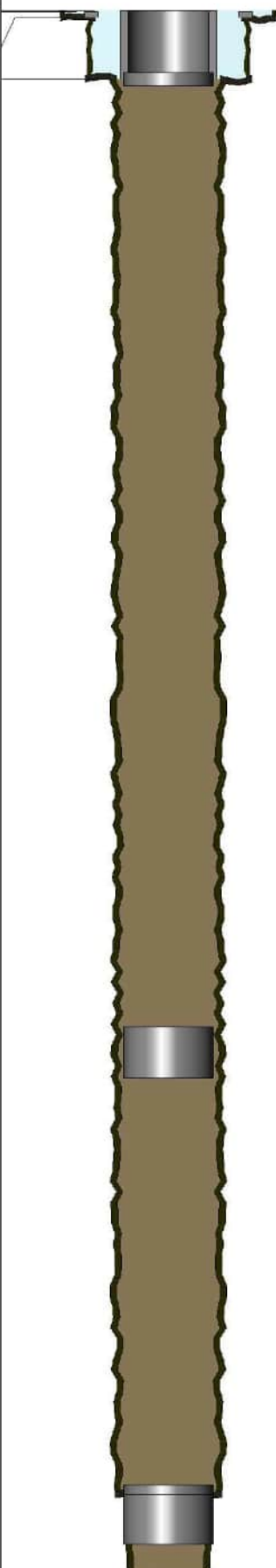
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: P&A
 Status Date: 7/1/1945

62-2B

Ground Level: 1,151.0ft
 Datum: Original DF @ 1,157.00ft (default)
 KB: 6.0ft
 API-10: 0402927891

Wellbore: ORIGINAL HOLE
 PBMD: 186.0ft
 Btm TMD: 4,550.0ft
 Spud Date/Time: 5/24/1945
 BH Coord X: 6,122,393.57usft
 BH Coord Y: 2,285,921.98usft

Cement Depths - MD, TVD (ft) 186.0ft (TOC) 204.0ft (TOC) 26.0ft 26.0ft 204.0ft 204.0ft		Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
			22" Hole	6.0	26.0	6.0	26.0				
			15.5" Hole	26.0	204.0	26.0	204.0				
			9.875" Hole	204.0	4,305.0	204.0	4,305.0				
			6.75" Hole	4,305.0	4,550.0	4,305.0	4,550.0				
			CONDUCTOR CASING Report Date: 5/7/1945 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	18.625	J-55	87.50		10.0	26.0	10.0	26.0
			SURFACE CASING Report Date: 5/24/1945 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
CASING JOINT(S)	10.750	J-55	40.50		6.0	204.0	6.0	204.0			

PLUG BACK					Well: 62-2B		S/T/R: 2/31S/23E	
Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
CEMENT	186.0	204.0	186.0	204.0	-----			
CEMENT	204.0	225.0	204.0	225.0	Cond. Csg. Cmt Vol: 61 cf			
PLUG BACK					Transit Cement Mix			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.00, Density: 0.0 ppg			
CEMENT	2,950.0	3,100.0	2950.0	3100.0	Hole Size: 22"			
PLUG BACK					Casing Size: 18.625"			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Top Job: No			
CEMENT	4,277.0	4,305.0	4277.0	4305.0	Rtns to Sfc: 1 Bbl			
CEMENT	4,305.0	4,450.0	4305.0	4450.0	TOC: 10'			

					Surface Csg. Cmt Vol: 200 cf			
					Class 'C' Construction Cement			
					Yield: 1.18, Density: 0.0 ppg.			
					Hole Size: 15.5"			
					Casing Size: 10.75"			
					Top Job: 125 cf, Same Mix			
					Unknown Yield and Density			
					Rtns to Sfc: 8.7 Bbls			
					TTOC: 6'			

					Prod Csg. Cmt Vol: NA			
					Hole Size: NA			
					Casing Size: NA			
					Top Job: NA			
					Rtns to Sfc: NA			
					TTOC: NA			

					Screen/Slotted Liner Cmt Vol: NA			
					Hole Size: NA			
					Casing Size: NA			
					Top Job: NA			
					Rtns to Sfc: NA			
					TTOC: NA			

					Cavity Shot: None			
					Junk: None			

					Volume Behind Pipe:			
					Assumed Yield: 1.15			
					Theoretical Calculations (TTOC)			

Formation Name	MD(ft)	TVD(ft)
AMNICOLA	554.6	554.6
LOWER_TULARE	591.2	591.2
SANJOAQUIN	1,120.3	1,120.3

B. Galindo	
Date: 11/2022	
P&A Mud & Cement Details	

Mud Volume: NA	
Mud Weight: NA	
Top of Mud: NA	
Cement: 69 cf @ 4277' - 4450'	
103.5 cf @ 2950' - 3100'	
28.75 cf @ 221' - 225'	
23 cf @ 186' - 218'	

81

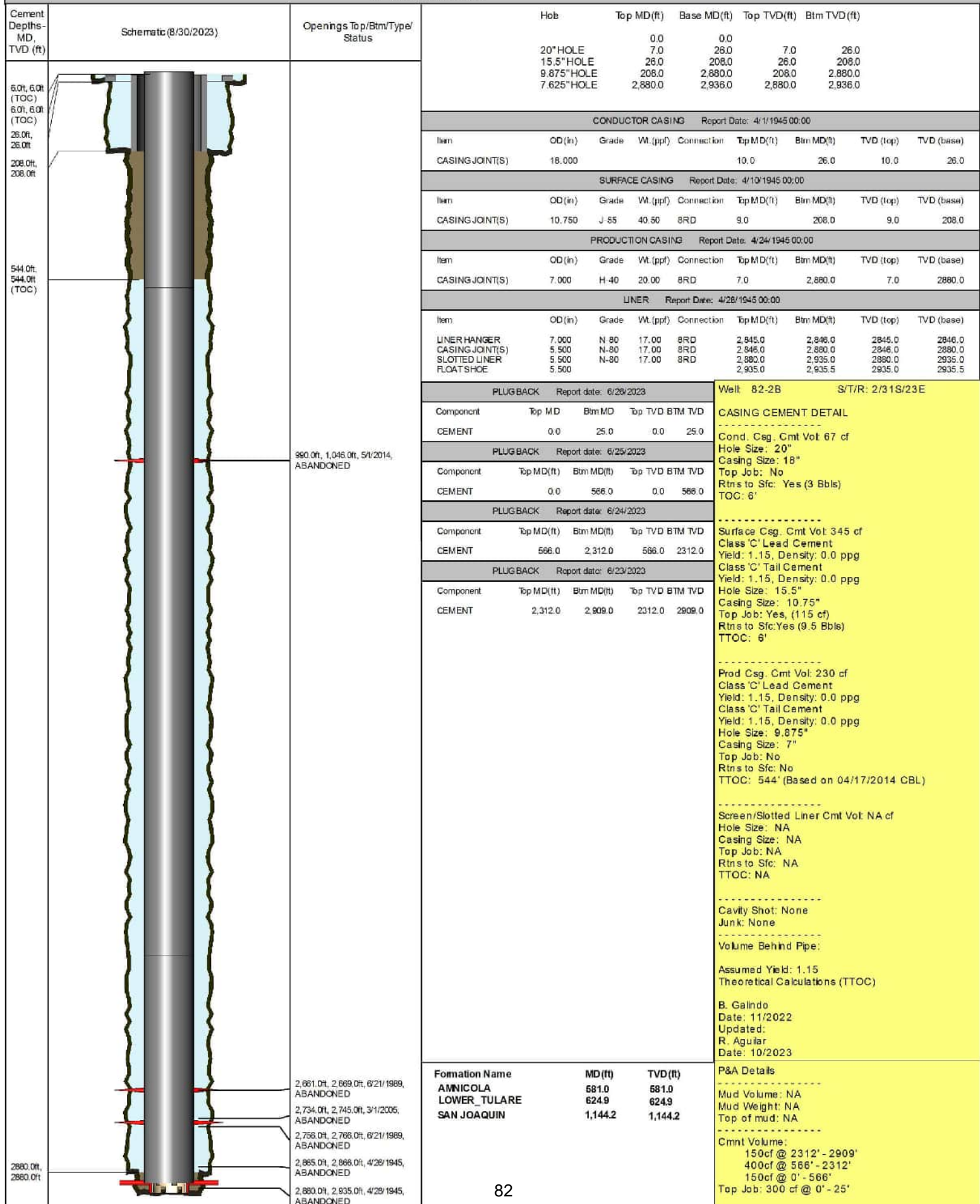
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: P&A
 Status Date: 8/30/2023

82-2B

Ground Level: 1,176.0ft
 Datum: Original DF @ 1,182.00ft (default)
 KB: 6.0ft
 API-10: 0402927892

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 2,936.0ft
 Spud Date/Time: 4/10/1945
 BH Coord X: 6,123,791.75usft
 BH Coord Y: 2,285,908.93usft



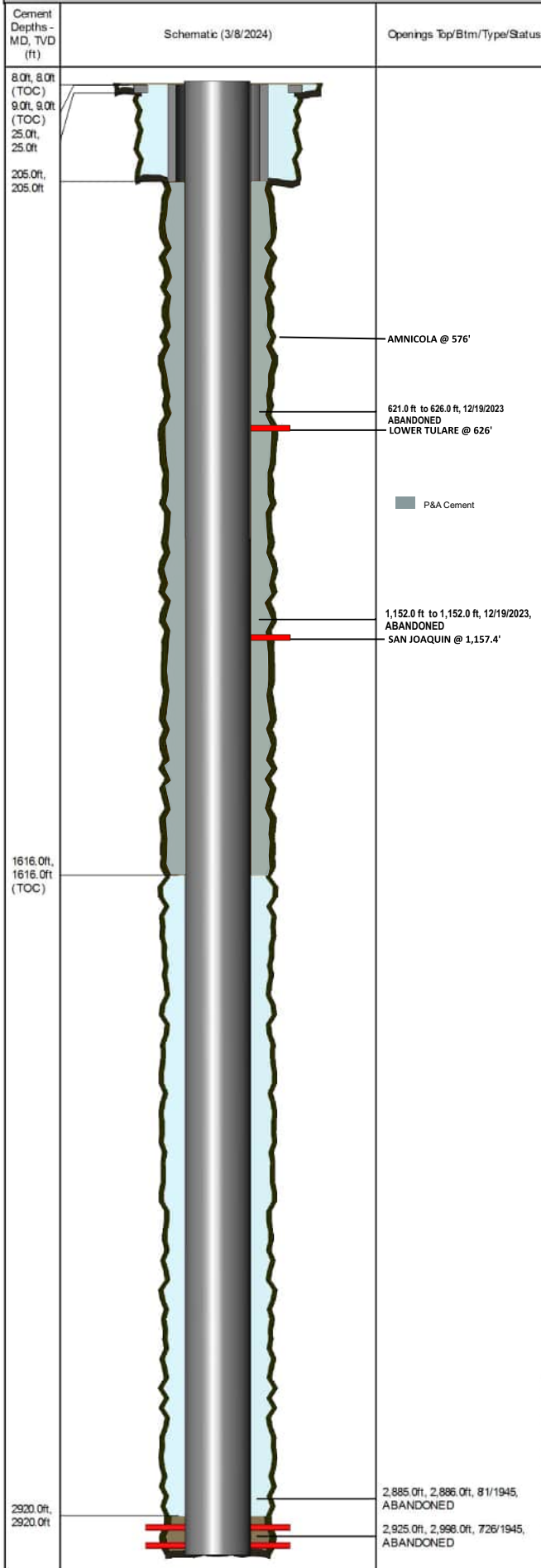
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P & A
 Status date: 3/8/2024

84-2B

Ground Level: 1,105.0ft
 Datum: Original DF @ 1,110.00ft (default)
 KB: 5.0ft
 API-10: 0402927893

Wellbore: ORIGINAL HOLE
 PBMD: 1.0ft
 Btm TMD: 3,000.0ft
 Spud Date: 7/12/1945
 BH Coord X: 6,123,714.75usft
 BH Coord Y: 2,284,570.93usft



Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
20" HOLE	5.0	25.0	5.0	25.0
15.5" HOLE	25.0	205.0	25.0	205.0
9.875" HOLE	205.0	3,000.0	205.0	3,000.0

CONDUCTOR CASING				Report Date: 7/12/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	18.000				9.0	25.0	9.0

SURFACE CASING				Report Date: 7/19/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	10.750	J-55	40.50	8RD	8.0	205.0	8.0

PRODUCTION CASING				Report Date: 7/26/1945 00:00			
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)
CASING JOINT(S)	7.000	H-40	20.00	8RD	6.0	2,925.0	6.0
SLOTTED LINER	7.000	J-55	20.00	8RD	2,925.0	2,998.0	2,925.0

PLUG BACK			
Component	Top MD	Btm MD	Top TVD
CEMENT	1.0	2,998.0	1.0

TUBING STRING			
Component	Top MD(ft)	Btm MD(ft)	Top TVD
TH-SGL	5.0	5.7	5.0

Formation Name	MD (ft)	TVD (ft)
AMNICOLA	576.4	576.4
LOWER TULARE	626.0	626.0
SANJOAQUIN	1,157.4	1,157.4

Well: 84-2B S/T/R: 2/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: 61 cf
 Hole Size: 20"
 Casing Size: 18"
 Top Job: No
 Rtns to Sfc: Unknown
 TOC: 5'

Surface Csg. Cmt Vol: 236 cf
 Class 'C' Lead Cement: 236 cf
 Yield: 1.18, Density: 0.0 ppg.
 Class 'C' Tail Cement: 0 cf
 Yield: 0.0, Density: 0.0 ppg.
 Hole Size: 15.5"
 Casing Size: 10.75"
 Top Job: No
 Rtns to Sfc: Yes (22 cf)
 TTOC: 5'

Prod Csg. Cmt Vol: 354 cf
 Class 'C' Lead Cement: 236 cf
 Yield: 1.18 Density: 0.0 ppg.
 Class 'C' Tail Cement: 118 cf
 Yield: 1.18, Density: 0.0 ppg.
 Hole Size: 9.875"
 Casing Size: 7"
 Top Job: No
 Rtns to Sfc: No
 TTOC: 1616'

Screen/Slotted Liner Cmt Vol: NA
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TTOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:

Assumed Yield: 1.15
 Theoretical Calculations (TTOC)

R. Aguilar
 Date: 04/2024

P&A Mud & Cement Details

Mud Volume: NA
 Mud Weight: NA
 Top of Mud: NA

Cement: 163 cf @ 2310' - 2987'
 344 cf @ 874' - 2310'
 150 cf @ 343' - 898'
 Top of Cement: 115 cf @ 0' - 388'
 Top Job: 50 cf @ 0' - 25'

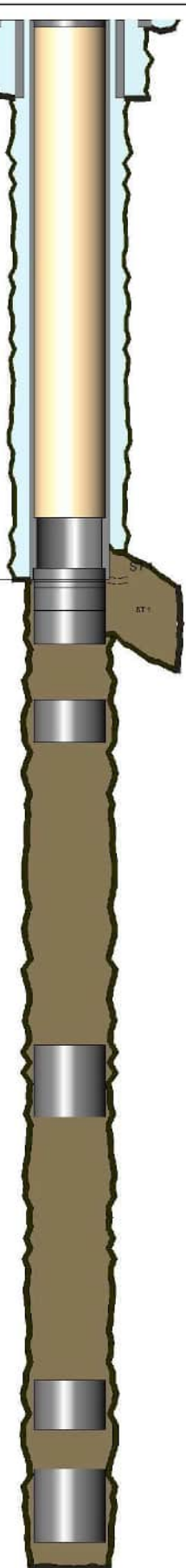
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: PERM ABAND
 Status date: 3/2/2005

384-2B

Ground Level: 1,104.0ft
 Datum: Original DF @ 1,113.00ft (default)
 KB: 9.0ft
 API-10: 0402952732

Wellbore: ORIGINAL HOLE
 PBMD: 3,646.0ft
 Btm TMD: 9,930.0ft
 Spud Date/Time: 2/15/1975
 BH Coord X: 6,123,398.75usft
 BH Coord Y: 2,284,536.21usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
9.0ft, 9.0ft (TOC)			24" Hole	9.0	58.0	9.0	58.0				
9.0ft, 9.0ft (TOC)			17.5" Hole	58.0	510.0	58.0	510.0				
9.0ft, 9.0ft (TOC)			12.25" Hole	510.0	3,595.0	510.0	3,594.8				
58.0ft, 58.0ft			8.75" Hole	3,595.0	9,930.0	3,594.8	9,919.4				
510.0ft, 510.0ft			CONDUCTOR CASING Report Date: 2/14/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	20.000	H-40	92.00		9.0	58.0	9.0	58.0
			SURFACE CASING Report Date: 2/16/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	13.375	K-55	54.50		9.0	510.0	9.0	510.0
			INTERMEDIATE CASING Report Date: 2/21/1976 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	9.625	K-55	40.00		9.0	3,595.0	9.0	3594.8
			PLUG BACK					Well: 384-2B S/T/R: 2/31S/23E			
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL			
			CEMENT	9.0	55.0	9.0	55.0	-----			
			MUD	55.0	3,197.0	55.0	3196.8	Cond. Csg. Cmt Vol: Unknown			
			PLUG BACK					Hole Size: 24"			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 20"			
			CEMENT	3,520.0	3,595.0	3519.8	3594.8	Top Job: No			
			CEMENT	3,595.0	3,608.0	3594.8	3607.8	Rtns to Sfc: Unknown			
			PLUG BACK					TOC: 9'			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----			
			CEMENT	3,608.0	3,652.0	3607.8	3651.8	Surface Csg. Cmt Vol: 564 cf			
			CEMENT	3,608.0	3,652.0	3607.8	3651.8	Class 'G' Lead Cement: 414 cf			
			CEMENT	3,652.0	3,696.0	3651.8	3695.7	Yield: 1.15, Density: 12 ppg.			
			CEMENT	3,696.0	3,740.0	3695.7	3734.6	Class 'G' Tail Cement: 150 cf			
			CEMENT	3,740.0	3,784.0	3734.6	3773.5	Yield: 1.15, Density: NA ppg.			
			CEMENT	3,784.0	3,828.0	3773.5	3812.4	Hole Size: 17.5"			
			CEMENT	3,828.0	3,872.0	3812.4	3851.3	Casing Size: 13.375"			
			CEMENT	3,872.0	3,916.0	3851.3	3890.2	Top Job: No			
			CEMENT	3,916.0	3,960.0	3890.2	3929.1	Rtns to Sfc: Yes (11 Bbls)			
			CEMENT	3,960.0	4,004.0	3929.1	3968.0	TTOC: 9'			
			PLUG BACK					-----			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Prod Csg. Cmt Vol: 1805 cf			
			CEMENT	3,795.0	4,006.0	3794.7	4005.7	Class 'G' Lead Cement: 1577 cf			
			CEMENT	3,795.0	4,006.0	3794.7	4005.7	Yield: 1.15, Density: NA ppg.			
			CEMENT	4,006.0	4,050.0	4005.7	4044.6	Class 'G' Tail Cement: 228 cf			
			CEMENT	4,050.0	4,094.0	4044.6	4083.5	Yield: 1.15, Density: NA ppg.			
			CEMENT	4,094.0	4,138.0	4083.5	4122.4	Hole Size: 12.25"			
			CEMENT	4,138.0	4,182.0	4122.4	4161.3	Casing Size: 9.625"			
			CEMENT	4,182.0	4,226.0	4161.3	4200.2	Top Job: No			
			CEMENT	4,226.0	4,270.0	4200.2	4239.1	Rtns to Sfc: Yes (119 Bbls)			
			CEMENT	4,270.0	4,314.0	4239.1	4278.0	TTOC: 9'			
			PLUG BACK					-----			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Screen/Slotted Liner Cmt Vol: NA			
			CEMENT	8,720.0	9,037.0	8714.8	9029.9	Hole Size: NA			
			CEMENT	8,720.0	9,037.0	8714.8	9029.9	Casing Size: NA			
			CEMENT	9,037.0	9,354.0	9029.9	9346.0	Top Job: NA			
			CEMENT	9,037.0	9,354.0	9029.9	9346.0	Rtns to Sfc: NA			
			CEMENT	9,354.0	9,671.0	9346.0	9662.1	TTOC: NA			
			PLUG BACK					-----			
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Cavity Shot: None			
			CEMENT	9,288.0	9,759.0	9279.5	9748.8	Junk: None			
			CEMENT	9,288.0	9,759.0	9279.5	9748.8	-----			
			PLUG BACK					Volume Behind Pipe:			
			CEMENT	9,759.0	10,230.0	9750.5	10219.8	Assumed Yield: 1.15			
			CEMENT	10,230.0	10,701.0	10219.8	10689.1	Theoretical Calculations (TTOC)			
			CEMENT	10,701.0	11,172.0	10689.1	11158.4	-----			
			CEMENT	11,172.0	11,643.0	11158.4	11627.7	R. Aguilar			
			CEMENT	11,643.0	12,114.0	11627.7	12097.0	Date: 11/2022			
			CEMENT	12,114.0	12,585.0	12097.0	12566.3	P&A Mud & Cement Details			
			CEMENT	12,585.0	13,056.0	12566.3	13035.6	-----			
			CEMENT	13,056.0	13,527.0	13035.6	13504.9	Mud Volume: NA			
			CEMENT	13,527.0	13,998.0	13504.9	13974.2	Mud Weight: NA			
			CEMENT	13,998.0	14,469.0	13974.2	14443.5	Top of Mud: NA			
			CEMENT	14,469.0	14,940.0	14443.5	14912.8	Cement: 208 cf @ 9288' - 9750'			
			CEMENT	14,940.0	15,411.0	14912.8	15382.1	146 cf @ 8720' - 9037'			
			CEMENT	15,411.0	15,882.0	15382.1	15851.4	250 cf @ 6576' - 7033'			
			CEMENT	15,882.0	16,353.0	15851.4	16320.7	130 cf @ 4363' - 4635'			
			CEMENT	16,353.0	16,824.0	16320.7	16790.0	130 cf @ 3795' - 4008'			
			CEMENT	16,824.0	17,295.0	16790.0	17259.3	141 cf @ 3646' - 3790'			
			CEMENT	17,295.0	17,766.0	17259.3	17728.6	KOP: @ 6813'			
			CEMENT	17,766.0	18,237.0	17728.6	18197.9				
			CEMENT	18,237.0	18,708.0	18197.9	18667.2				
			CEMENT	18,708.0	19,179.0	18667.2	19136.5				
			CEMENT	19,179.0	19,650.0	19136.5	19605.8				
			CEMENT	19,650.0	20,121.0	19605.8	20075.1				
			CEMENT	20,121.0	20,592.0	20075.1	20544.4				
			CEMENT	20,592.0	21,063.0	20544.4	21013.7				
			CEMENT	21,063.0	21,534.0	21013.7	21483.0				
			CEMENT	21,534.0	22,005.0	21483.0	21952.3				
			CEMENT	22,005.0	22,476.0	21952.3	22421.6				
			CEMENT	22,476.0	22,947.0	22421.6	22890.9				
			CEMENT	22,947.0	23,418.0	22890.9	23360.2				
			CEMENT	23,418.0	23,889.0	23360.2	23829.5				
			CEMENT	23,889.0	24,360.0	23829.5	24298.8				
			CEMENT	24,360.0	24,831.0	24298.8	24768.1				
			CEMENT	24,831.0	25,302.0	24768.1	25237.4				
			CEMENT	25,302.0	25,773.0	25237.4	25706.7				
			CEMENT	25,773.0	26,244.0	25706.7	26176.0				
			CEMENT	26,244.0	26,715.0	26176.0	26645.3				
			CEMENT	26,715.0	27,186.0	26645.3	27114.6				
			CEMENT	27,186.0	27,657.0	27114.6	27583.9				
			CEMENT	27,657.0	28,128.0	27583.9	28053.2				
			CEMENT	28,128.0	28,599.0	28053.2	28522.5				
			CEMENT	28,599.0	29,070.0	28522.5	28991.8				
			CEMENT	29,070.0	29,541.0	28991.8	29461.1				
	CEMENT	29,541.0	30,012.0	29461.1	29930.4						
	CEMENT	30,012.0	30,483.0	29930.4	30399.7						
	CEMENT	30,483.0	30,954.0	30399.7	30869.0						
	CEMENT	30,954.0	31,425.0	30869.0	31338.3						
	CEMENT	31,425.0	31,896.0	31338.3	31807.6						
	CEMENT	31,896.0	32,367.0	31807.6	32276.9						
	CEMENT	32,367.0	32,838.0	32276.9	32746.2						
	CEMENT	32,838.0	33,309.0	32746.2	33215.5						
	CEMENT	33,309.0	33,780.0	33215.5	33684.8						
	CEMENT	33,780.0	34,251.0	33684.8	34154.1						
	CEMENT	34,251.0	34,722.0	34154.1	34623.4						
	CEMENT	34,722.0	35,193.0	34623.4	35092.7						
	CEMENT	35,193.0	35,664.0	35092.7	35562.0						
	CEMENT	35,664.0	36,135.0	35562.0	36031.3						
	CEMENT	36,135.0	36,606.0	36031.3	36500.6						
	CEMENT	36,606.0	37,077.0	36500.6	36969.9						
	CEMENT	37,077.0	37,548.0	36969.9	37439.2						
	CEMENT	37,548.0	38,019.0	37439.2	37908.5						
	CEMENT	38,019.0	38,490.0	37908.5	38377.8						
	CEMENT	38,490.0	38,961.0	38377.8	38847.1						
	CEMENT	38,961.0	39,432.0	38847.1	39316.4						
	CEMENT	39,432.0	39,903.0	39316.4	39785.7						
	CEMENT	39,903.0	40,374.0	39785.7	40255.0						
	CEMENT	40,374.0	40,845.0	40255.0	40724.3						
	CEMENT	40,845.0	41,316.0	40724.3	41193.6						
	CEMENT	41,316.0	41,787.0	41193.6	41662.9						
	CEMENT	41,787.0	42,258.0	41662.9	42132.2						
	CEMENT	42,258.0	42,729.0	42132.2	42601.5						
	CEMENT	42,729.0	43,200.0	42601.5	43070.8						
	CEMENT	43,200.0	43,671.0	43070.8	43540.1						
	CEMENT	43,671.0	44,142.0	43540.1	44009.4						
	CEMENT	44,142.0	44,613.0	44009.4	44478.7						
	CEMENT	44,613.0	45,084.0	44478.7	44948.0						
	CEMENT	45,084.0	45,555.0	44948.0	45417.3						
	CEMENT	45,555.0	46,026.0	45417.3	45886.6						
	CEMENT	46,026.0	46,497.0	45886.6	46355.9						
	CEMENT	46,497.0	46,968.0	46355.9	46825.2						
	CEMENT	46,968.0	47,439.0	46825.2	47294.5						
	CEMENT	47,439.0	47,910.0	47294.5	47763.8						
	CEMENT	47,910.0	48,381.0	47763.8	48233.1						
	CEMENT	48,381.0	48,852.0	48233.1	48702.4						
	CEMENT	48,852.0	49,323.0	48702.4	49171.7						
	CEMENT	49,323.0	49,794.0	49171.7	49641.0						
	CEMENT	49,794.0	50,265.0	49641.0	50110.3						
	CEMENT	50,265.0	50,736.0	50110.3	50579.6						
	CEMENT	50,736.0	51,207.0	50579.6	51048.9						
	CEMENT	51,207.0	51,678.0	51048.9	51518.2						
	CEMENT	51,678.0	52,149.0	51518.2	51987.5						
	CEMENT	52,149.0	52,620.0	51987.5	52456.8						
	CEMENT	52,620.0	53,091.0	52456.8	52926.1						
	CEMENT	53,091.0	53,562.0	52926.1	53395.4						
	CEMENT	53,562.0	54,033.0	53395.4	53864.7						
	CEMENT	54,033.0	54,504.0	53864.7	54334.0						
	CEMENT	54,504.0	54,975.0	54334.0	54803.3						
	CEMENT	54,975.0	55,446.0	54803.3	55272.6						
	CEMENT	55,446.0	55,917.0	55272.6	55741.9						
	CEMENT	55,917.0	56,388.0	55741.9	56211.2						
	CEMENT	56,388.0	56,859.0	56211.2	56680.5						
	CEMENT	56,859.0	57,330.0	56680.5	57149.8						
	CEMENT	57,330.0	57,801.0	57149.8	57619.1						
	CEMENT	57,801.0	58,272.0	57619.1	58088.4						
	CEMENT	58,272.0	58,743.0	58088.4	58557.7						
	CEMENT	58,743.0	59,214.0	58557.7	59027.0						
	CEMENT	59,214.0	59,685.0	59027.0	59496.3						
	CEMENT	59,685.0	60,156.0	59496.3	59965.6						
	CEMENT	60,156.0	60,627.0	59965.6	60434.9						
	CEMENT	60,627.0	61,098.0	60434.9	60904.2						
	CEMENT	61,098.0	61,569.0	60904.2	61373.5						
	CEMENT	61,569.0	62,040.0	61373.5	61842.8						
	CEMENT	62,040.0	62,511.0	61842.8	62312.1						
	CEMENT	62,511.0	62,982.0	62312.1	62781.4						
	CEMENT	62,982.0	63,453.0	62							

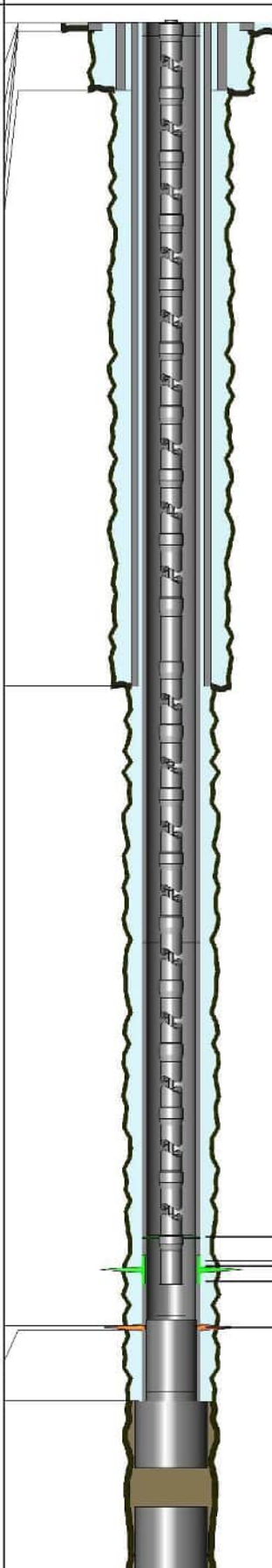
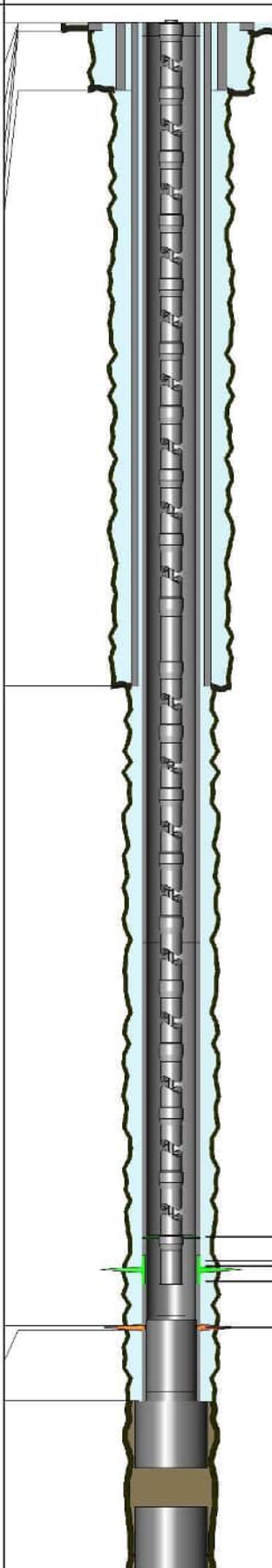
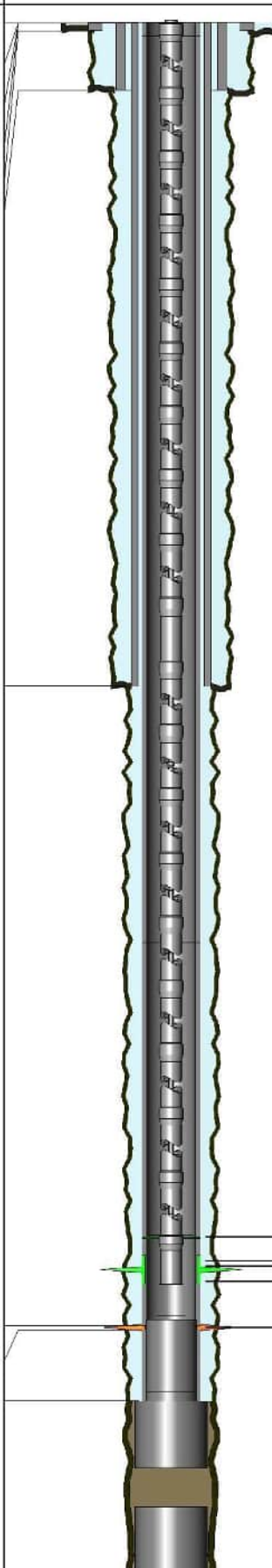
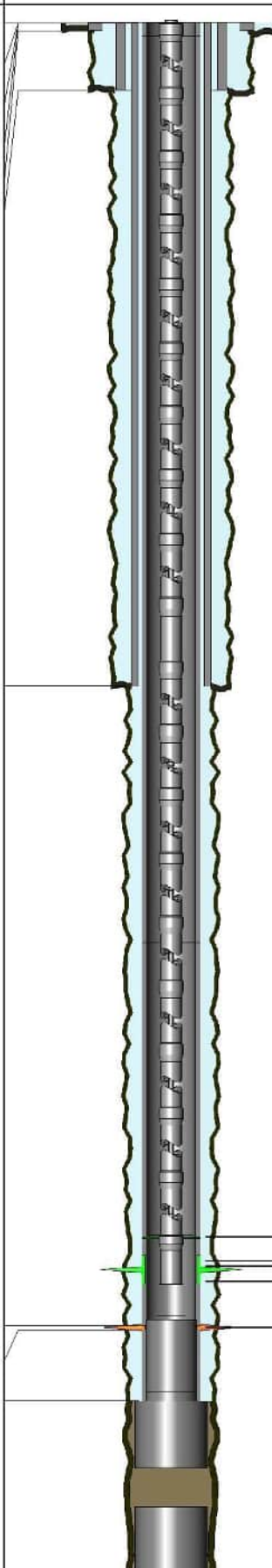
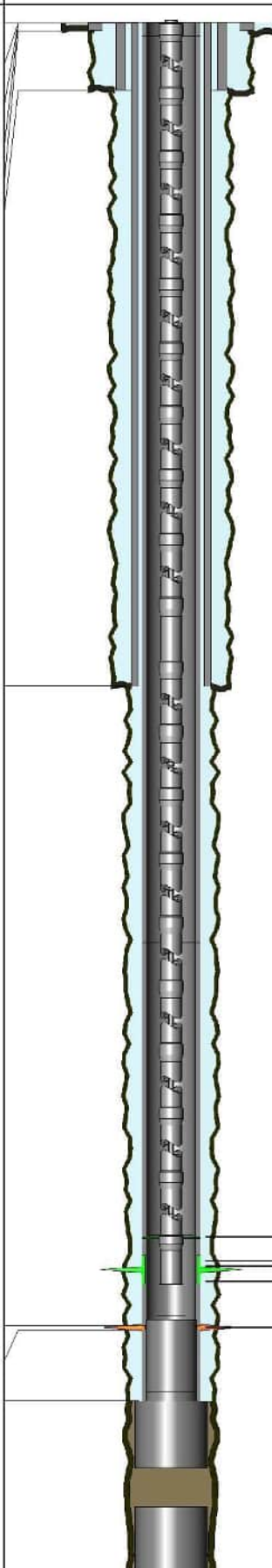
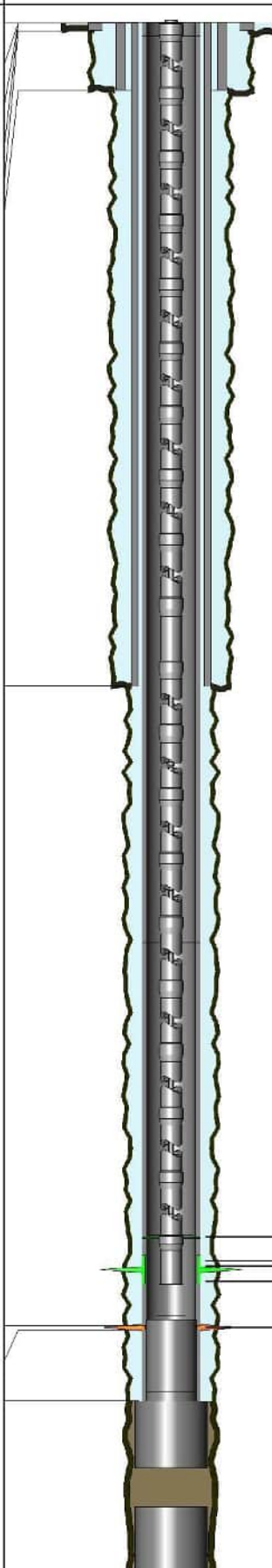
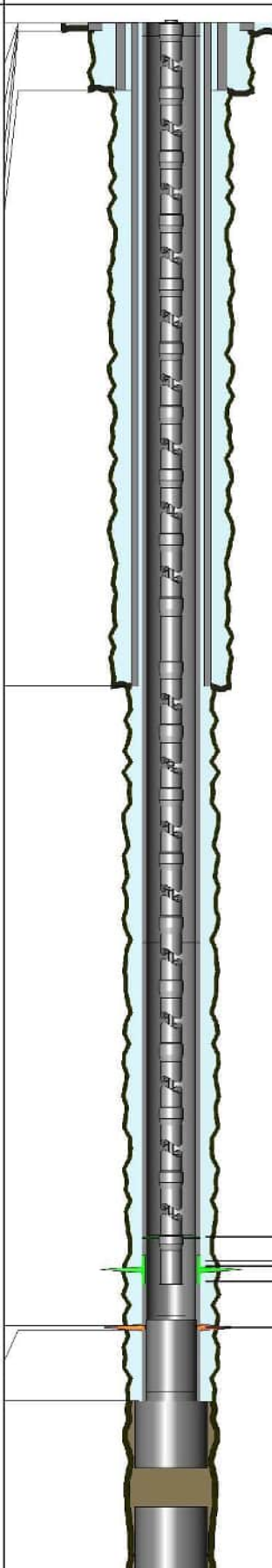
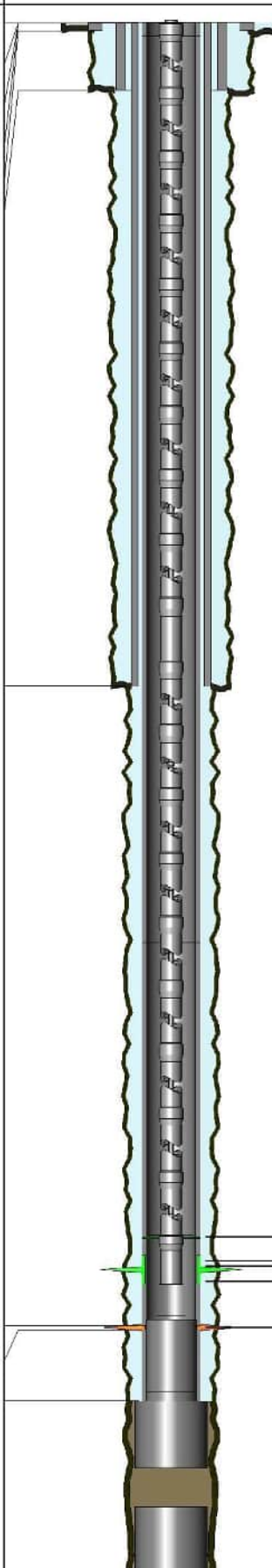
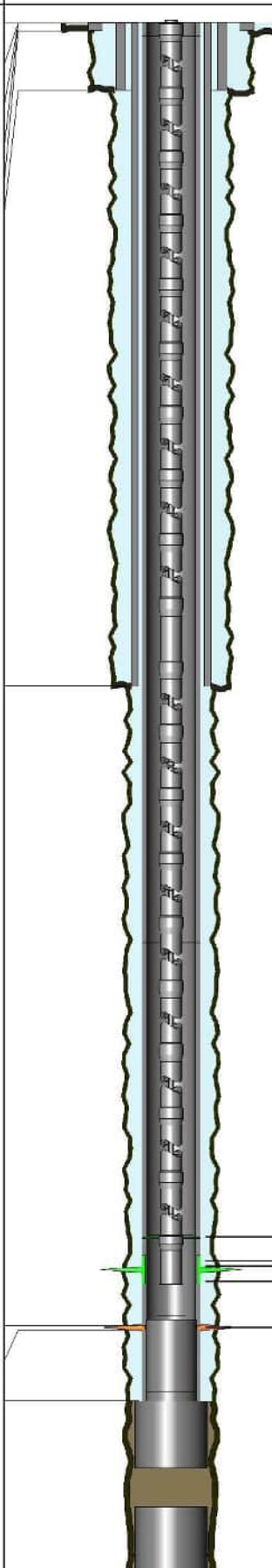
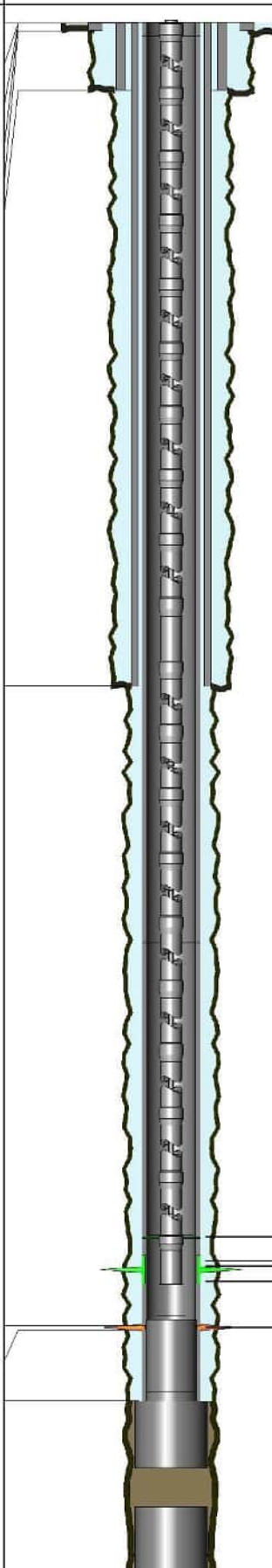
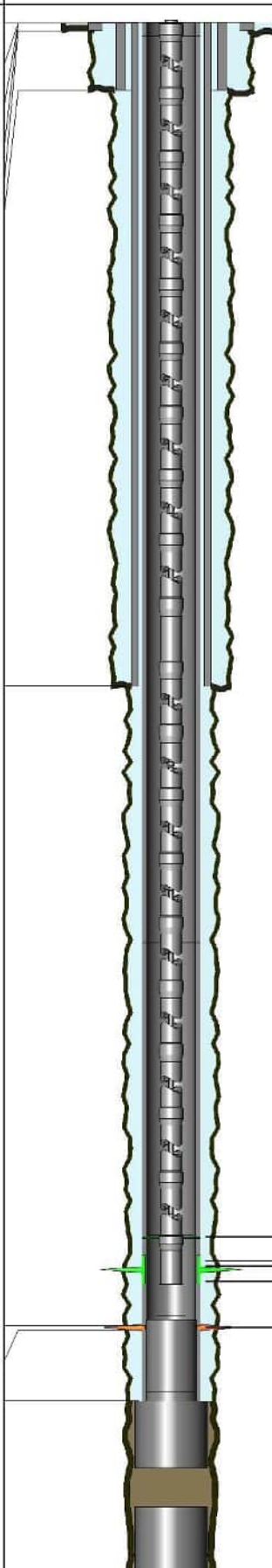
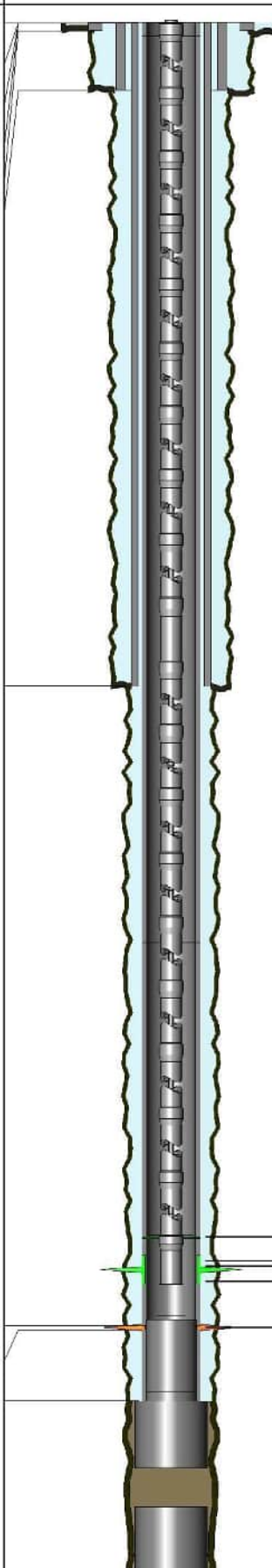
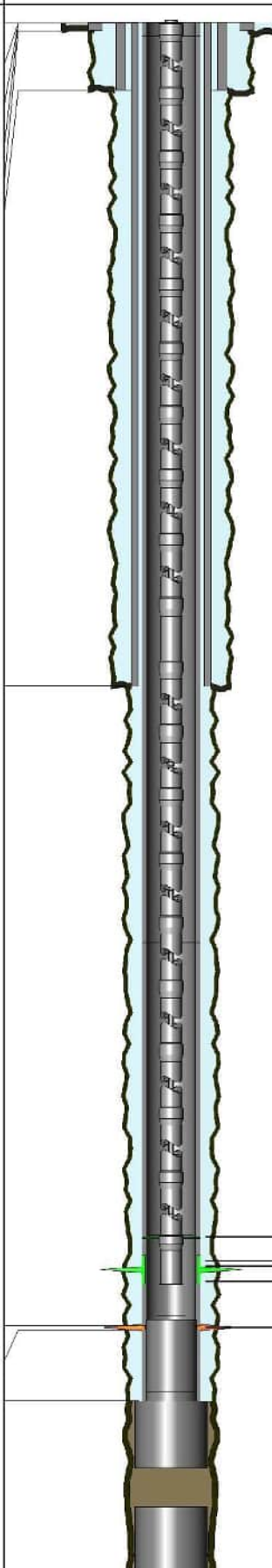
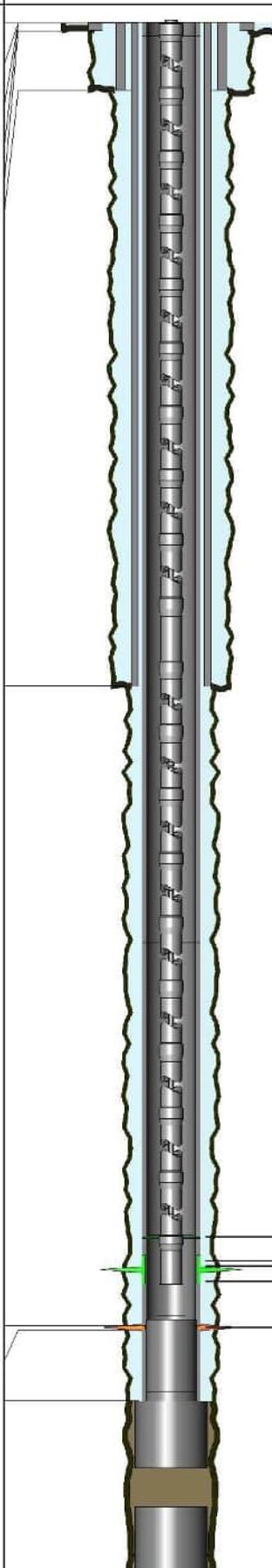
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 11/2/2016

342-2B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,161.00ft (WELACO WLU)(default)
 KB: 12.0ft
 API-10: 0402954278

Wellbore: ORIGINAL HOLE
 PBMD: 6,634.0ft
 Btm TMD: 8,000.0ft
 Spud Date/Time: 12/3/1976
 BH Coord X: 6,120,935.45usft
 BH Coord Y: 2,286,173.63usft

Cement Depths - MD, TVD (ft)	Schematic (11/2/2016)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)														
12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 12.0ft, 12.0ft (TOC) 53.0ft, 53.0ft 356.0ft, 356.0ft			24" Hole	12.0	53.0	12.0	53.0														
			17.5" Hole	53.0	358.0	53.0	358.0														
			12.25" Hole	358.0	3,400.0	358.0	3,399.9														
			8.75" Hole	3,400.0	8,000.0	3,399.9	7,990.3														
			CONDUCTOR CASING Report Date: 10/15/1976 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			CASING JOINT(S)	20.000				12.0	53.0	12.0	53.0										
			SURFACE CASING Report Date: 12/4/1976 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			CASING JOINT(S)	13.375	K-55	54.50		12.0	356.0	12.0	356.0										
			INTERMEDIATE CASING Report Date: 12/9/1976 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			CASING JOINT(S)	9.625	K-55	40.00		12.0	3,400.0	12.0	3399.9										
			PRODUCTION CASING Report Date: 1/3/1977 00:00																		
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)										
			CASING JOINT(S)	7.000	K-55	26.00		12.0	81.0	12.0	81.0										
			CASING JOINT(S)	7.000	K-55	23.00		81.0	4,709.0	81.0	4708.7										
			CASING JOINT(S)	7.000	K-55	23.00		4,709.0	5,341.0	4708.7	5340.2										
			CASING JOINT(S)	7.000	K-55	26.00		5,341.0	7,050.0	5340.2	7046.3										
3400.0ft, 3399.9ft			TUBING STRING																		
			Component	Top MD	Btm MD	Top TVD	BTM TVD														
			TH-DBB	12.0	12.7	12.0	12.7														
			FATNIP	12.7	13.4	12.7	13.4														
			TH-GJNT	13.4	6,199.2	13.4	6197.5														
			AC	6,199.2	6,201.6	6197.5	6199.9														
			TH-GJNT	6,201.6	6,449.7	6199.9	6447.3														
			STNIP	6,449.7	6,450.8	6447.3	6448.4														
			PUPJNT	6,450.8	6,454.9	6448.4	6452.5														
			STCOLL	6,454.9	6,455.4	6452.5	6452.9														
			MECHANICAL ITEM																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			FISH	6,611.0	6,614.0	6608.2	6611.2														
			PLUG BACK																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			CEMENT	6,634.0	7,000.0	6631.2	6996.5														
			PLUG BACK																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			CEMENT	7,000.0	7,050.0	6996.5	7046.3														
			CEMENT	7,050.0	7,100.0	7046.3	7096.1														
			PLUG BACK																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			CEMENT	7,100.0	7,392.0	7096.1	7396.6														
			PLUG BACK																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			CEMENT	7,591.0	8,000.0	7584.3	7990.3														
			ROD STRING																		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD														
			POLROD	0.0	36.0	0.0	36.0														
			PNYROD	36.0	52.0	36.0	52.0														
			R-4PER	52.0	2,122.0	52.0	2122.0														
			ROD	2,122.0	4,342.0	2122.0	4341.8														
			R-4PER	4,342.0	6,412.0	4341.8	6409.7														
			STB3P	6,412.0	6,416.0	6409.7	6413.7														
			NSPMP	6,416.0	6,446.0	6413.7	6443.6														
			Formation Name																		
			AMNICOLA	562.3	562.3																
			LOWER_TULARE	607.1	607.1																
			SANJOAQUIN	1,121.8	1,121.8																
			Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)																		
6683.0ft, 6680.1ft (TOC) 6685.0ft, 6682.1ft 7050.0ft, 7046.3ft			Casing Cement Detail																		
			Well: 342-2B S/T/R: 2/31S/23E																		
			Casing Cement Detail																		
			Cond. Csg. Cmt Vol: 62 cf Hole Size: 24" Casing Size: 20" Top Job: No Rtns to Sfc: Yes (Unknown) TTOC: 12'																		
			Surface Csg. Cmt Vol: 322 cf Class 'G' Lead Cement: 172 cf Yield: 1.15, Density: 0.00 ppg. Class 'G' Tail Cement: 150 cf Yield: 1.15 Density: 0.00 ppg. Hole Size: 17.5" Casing Size: 13.375" Top Job: No Rtns to Sfc: Yes (4 Bbls) TTOC: 12'																		
			Inter Csg. Cmt Vol: 1704 cf Class 'G' Lead Cement: 1474 cf Yield: 1.15, Density: 0.00 ppg. Class 'G' Tail Cement: 230 cf Yield: 1.15, Density: 0.00 ppg. Hole Size: 12.25" Casing Size: 9.625" Top Job: No Rtns to Sfc: Yes (50 Bbls) TTOC: 12'																		
			Prod Csg. Cmt Vol: 2150 cf Class 'G' Lead Cement: 1950 cf Yield: 1.15, Density: 0.00 ppg. Class 'G' Tail Cement: 200 cf Yield: 1.15, Density: 0.00 ppg. Hole Size: 8.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (18 Bbls) TTOC: 12'																		
			Cavity Shot: None Junk: FISH @ 6611' - 6614'																		
			R. Aguilar Date: 11/2022																		

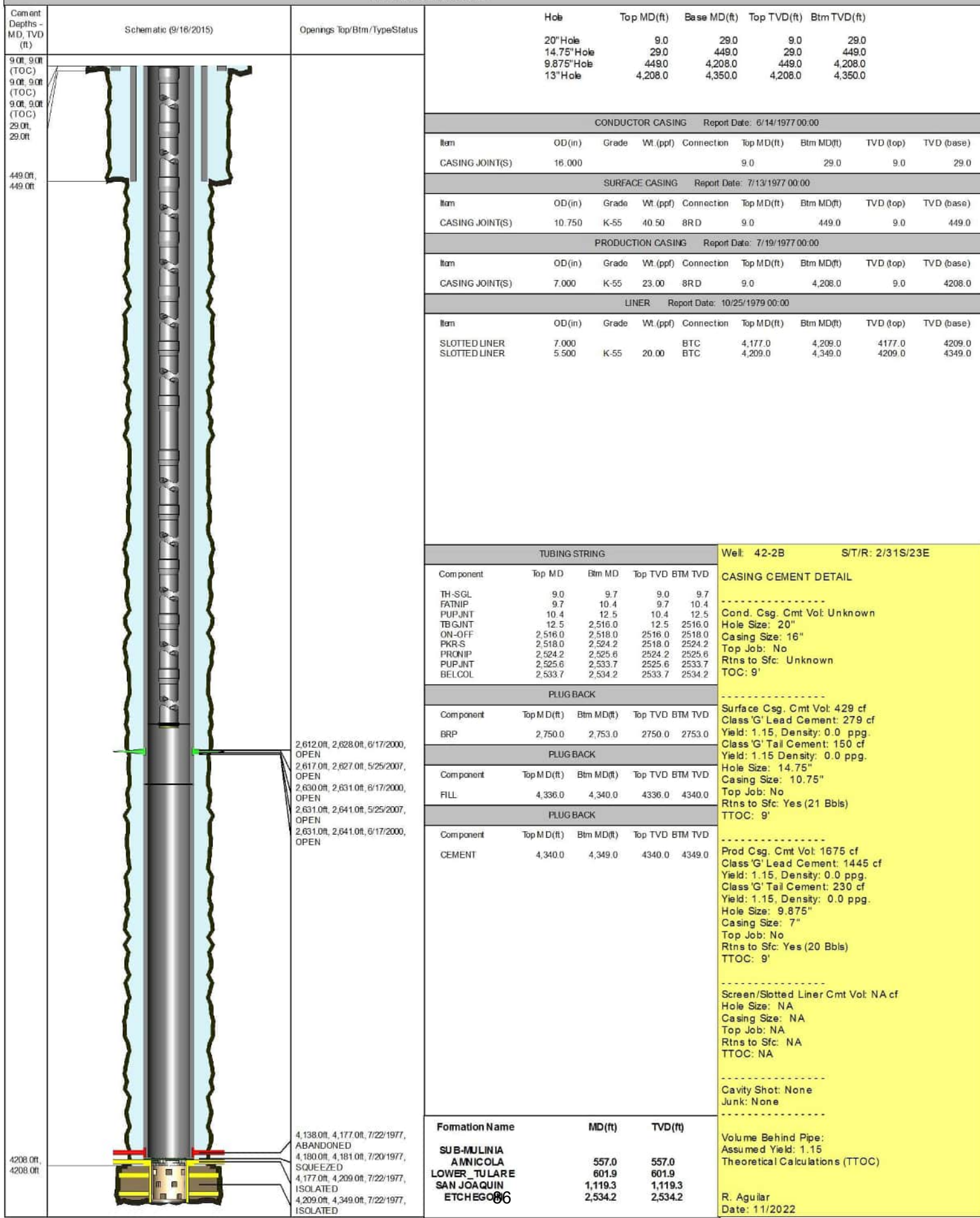
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 9/16/2015

42-2B

Ground Level: 1,149.0ft
 Datum: Original DF @ 1,158.00ft (default)
 KB: 9.0ft
 API-10: 0402955674

Wellbore: ORIGINAL HOLE
 PBMD: 2,750.0ft
 Btm TMD: 4,350.0ft
 Spud Date/Time: 7/12/1977
 BH Coord X: 6,121,009.76usft
 BH Coord Y: 2,286,026.93usft



Well: 42-2B S/T/R: 2/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: Unknown
 Hole Size: 20"
 Casing Size: 16"
 Top Job: No
 Rtns to Sfc: Unknown
 TOC: 9'

Surface Csg. Cmt Vol: 429 cf
 Class 'G' Lead Cement: 279 cf
 Yield: 1.15, Density: 0.0 ppg.
 Class 'G' Tail Cement: 150 cf
 Yield: 1.15, Density: 0.0 ppg.
 Hole Size: 14.75"
 Casing Size: 10.75"
 Top Job: No
 Rtns to Sfc: Yes (21 Bbls)
 TTOC: 9'

Prod Csg. Cmt Vol: 1675 cf
 Class 'G' Lead Cement: 1445 cf
 Yield: 1.15, Density: 0.0 ppg.
 Class 'G' Tail Cement: 230 cf
 Yield: 1.15, Density: 0.0 ppg.
 Hole Size: 9.875"
 Casing Size: 7"
 Top Job: No
 Rtns to Sfc: Yes (20 Bbls)
 TTOC: 9'

Screen/Slotted Liner Cmt Vol: NA cf
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TTOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:
 Assumed Yield: 1.15
 Theoretical Calculations (TTOC)

R. Aguilar
 Date: 11/2022

Formation Name	MD (ft)	TVD (ft)
SUB-MULINIA		
ANNICOLA	557.0	557.0
LOWER TULARE	601.9	601.9
SAN JOAQUIN	1,119.3	1,119.3
ETCHEGO	2,534.2	2,534.2

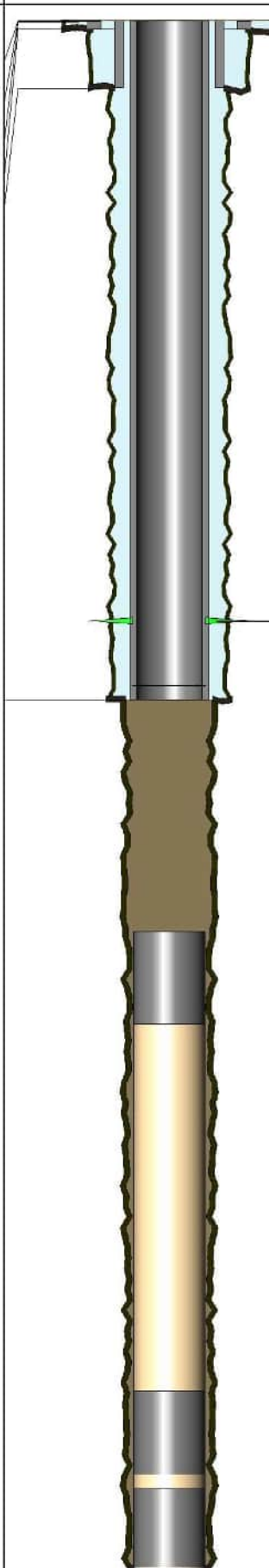
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 End date: 10/15/2005

3-22-2B

Ground Level: 1,142.0ft
 Datum: Original DF @ 1,157.00ft (KEY 0446)(default)
 KB: 15.0ft
 API-10: 0402956062

Wellbore: ORIGINAL HOLE
 PBMD: 3,384.0ft
 Btm TMD: 6,819.0ft
 Spud Date/Time: 9/26/1977
 BH Coord X: 6,119,822.86usft
 BH Coord Y: 2,286,359.13usft

Cement Depths - MD, TVD (ft)	Schematic (10/15/2005)	Openings Top/Btm/Type/Status	Hole	Top MD (ft)	Base MD (ft)	Top TVD (ft)	Btm TVD (ft)	
18.0ft, 19.5ft (TOC) 19.0ft, 20.5ft (TOC) 22.0ft, 23.5ft (TOC) 56.0ft, 57.5ft 315.0ft, 316.3ft			24"Hole	15.0	56.0			
			17.5"Hole	56.0	315.0			
			12.25"Hole	315.0	3,000.0			
			8.75"Hole	3,000.0	6,819.0	6,790.9		
CONDUCTOR CASING Report Date: 8/2/1977 00:00								
Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD (ft)	Btm MD (ft)	TVD (top)	TVD (base)
CASING JOINT(S)	20.000	H-40	94.00	STC	22.0	56.0	23.5	57.5
SURFACE CASING Report Date: 9/27/1977 00:00								
Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD (ft)	Btm MD (ft)	TVD (top)	TVD (base)
CASING JOINT(S)	13.375	K-55	54.50	STC	19.0	315.0	20.5	316.3
PRODUCTION CASING Report Date: 10/1/1977 00:00								
Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD (ft)	Btm MD (ft)	TVD (top)	TVD (base)
CASING JOINT(S)	9.625	K-55	40.50		18.0	3,000.0	19.5	2999.3
PLUG BACK								
Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 3-22-2B S/T/R: 2/31S/23E			
CEMENT	2,937.0	2,940.0	2936.4	2939.4	CASING CEMENT DETAIL			
BP-PRM	2,940.0	2,943.0	2939.4	2942.4	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Cond. Csg. Cmt Vol: Unknown			
CEMENT	4,020.0	4,425.0	4006.8	4406.2	Hole Size: 24"			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Casing Size: 20"			
MUD	4,425.0	6,040.0	4406.2	6012.1	Top Job: No			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Rtns to Sfc: Unknown			
MUD	6,040.0	6,405.0	6012.1	6376.9	TOC: 15'			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,405.0	6,468.0	6376.9	6439.8	Surface Csg. Cmt Vol: 333 cf			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Class 'G' Lead Cement: 183 cf			
MUD	6,468.0	6,810.0	6439.8	6781.8	Yield: 1.15, Density: 0.0 ppg.			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Class 'G' Tail Cement: 150 cf			
MUD	6,810.0	6,819.0	6781.8	6790.8	Yield: 1.15, Density: 0.0 ppg.			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Hole Size: 17.5"			
MUD	6,819.0	6,819.0	6790.8	6790.8	Casing Size: 13.375"			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Top Job: No			
MUD	6,819.0	6,819.0	6790.8	6790.8	Rtns to Sfc: Yes (2 Bbls)			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	TTOC: 15'			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Prod Csg. Cmt Vol: 1520 cf			
MUD	6,819.0	6,819.0	6790.8	6790.8	Class 'G' Lead Cement: 1290 cf			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 0.0 ppg.			
MUD	6,819.0	6,819.0	6790.8	6790.8	Class 'G' Tail Cement: 230 cf			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Yield: 1.15, Density: 0.0 ppg.			
MUD	6,819.0	6,819.0	6790.8	6790.8	Hole Size: 12.25"			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Casing Size: 9.625"			
MUD	6,819.0	6,819.0	6790.8	6790.8	Top Job: No			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Rtns to Sfc: Yes (49 Bbls)			
MUD	6,819.0	6,819.0	6790.8	6790.8	TTOC: 15'			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	Screen/Slotted Liner Cmt Vol: NA			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Hole Size: NA			
MUD	6,819.0	6,819.0	6790.8	6790.8	Casing Size: NA			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Top Job: NA			
MUD	6,819.0	6,819.0	6790.8	6790.8	Rtns to Sfc: NA			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	TTOC: NA			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Cavity Shot: None			
MUD	6,819.0	6,819.0	6790.8	6790.8	Junk: None			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	Volume Behind Pipe:			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Assumed Yield: 1.15			
MUD	6,819.0	6,819.0	6790.8	6790.8	Theoretical Calculations (TTOC)			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	R. Aguilar			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Date: 11/2022			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	P&A Mud & Cement Details			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Mud Volume: NA			
MUD	6,819.0	6,819.0	6790.8	6790.8	Mud Weight: NA			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Top of Mud: NA			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	Cement: 225 cf @ 6468' - 6810'			
MUD	6,819.0	6,819.0	6790.8	6790.8	165 cf @ 6040' - 6405'			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	165 cf @ 4020' - 4425'			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	KOP: @ 3381'			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)	Btm MD (ft)	Top TVD	BTM TVD	-----			
MUD	6,819.0	6,819.0	6790.8	6790.8	-----			
PLUG BACK								
Component	Top MD (ft)							

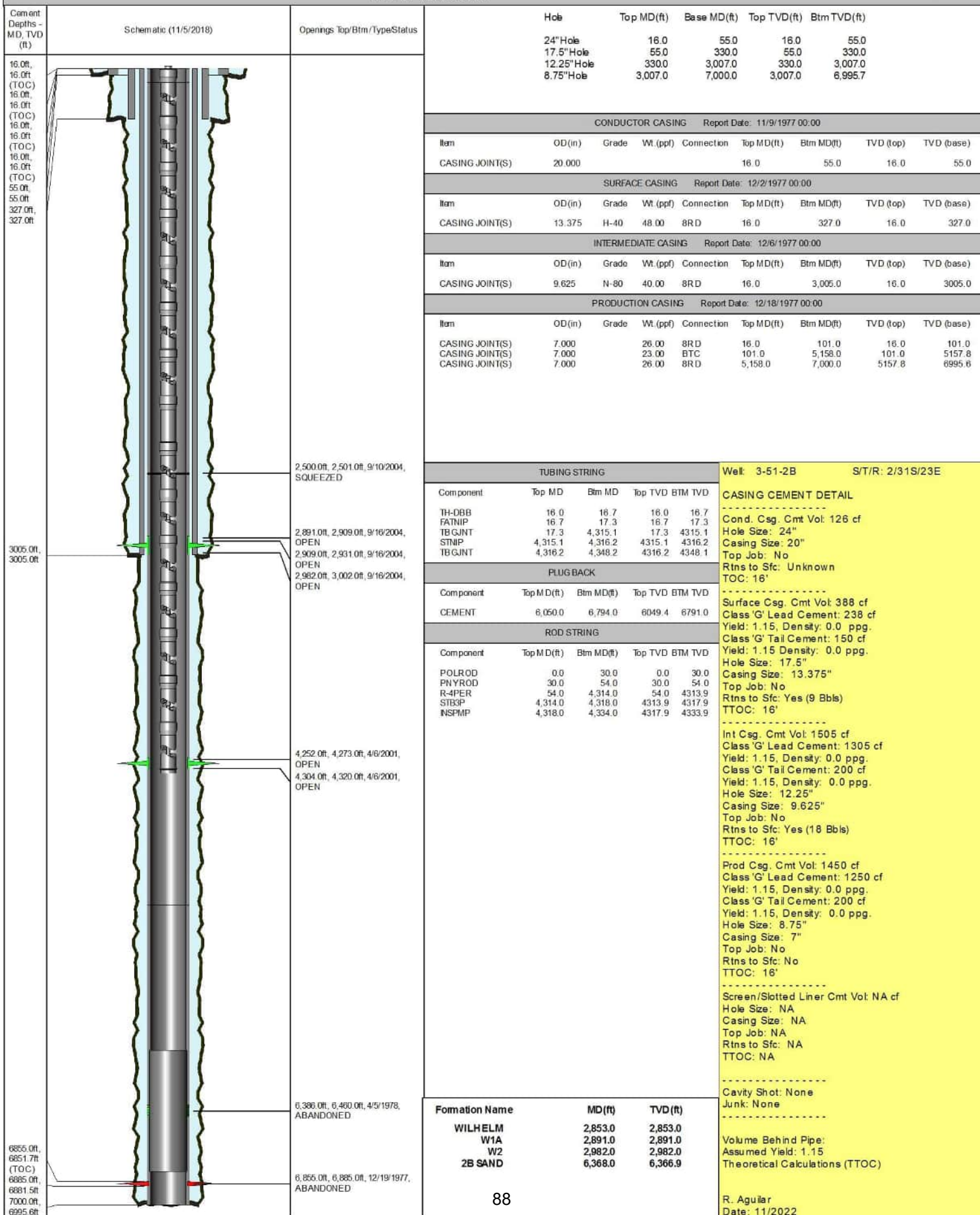
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 11/5/2018

3-51-2B

Ground Level: 1,193.0ft
 Datum: Original DF @ 1,209.00ft (default)
 KB: 16.0ft
 API-10: 0402956658

Wellbore: ORIGINAL HOLE
 PBMD: 6,050.0ft
 Btm TMD: 7,000.0ft
 Spud Date/Time: 12/2/1977
 BH Coord X: 6,121,537.57usft
 BH Coord Y: 2,286,584.42usft



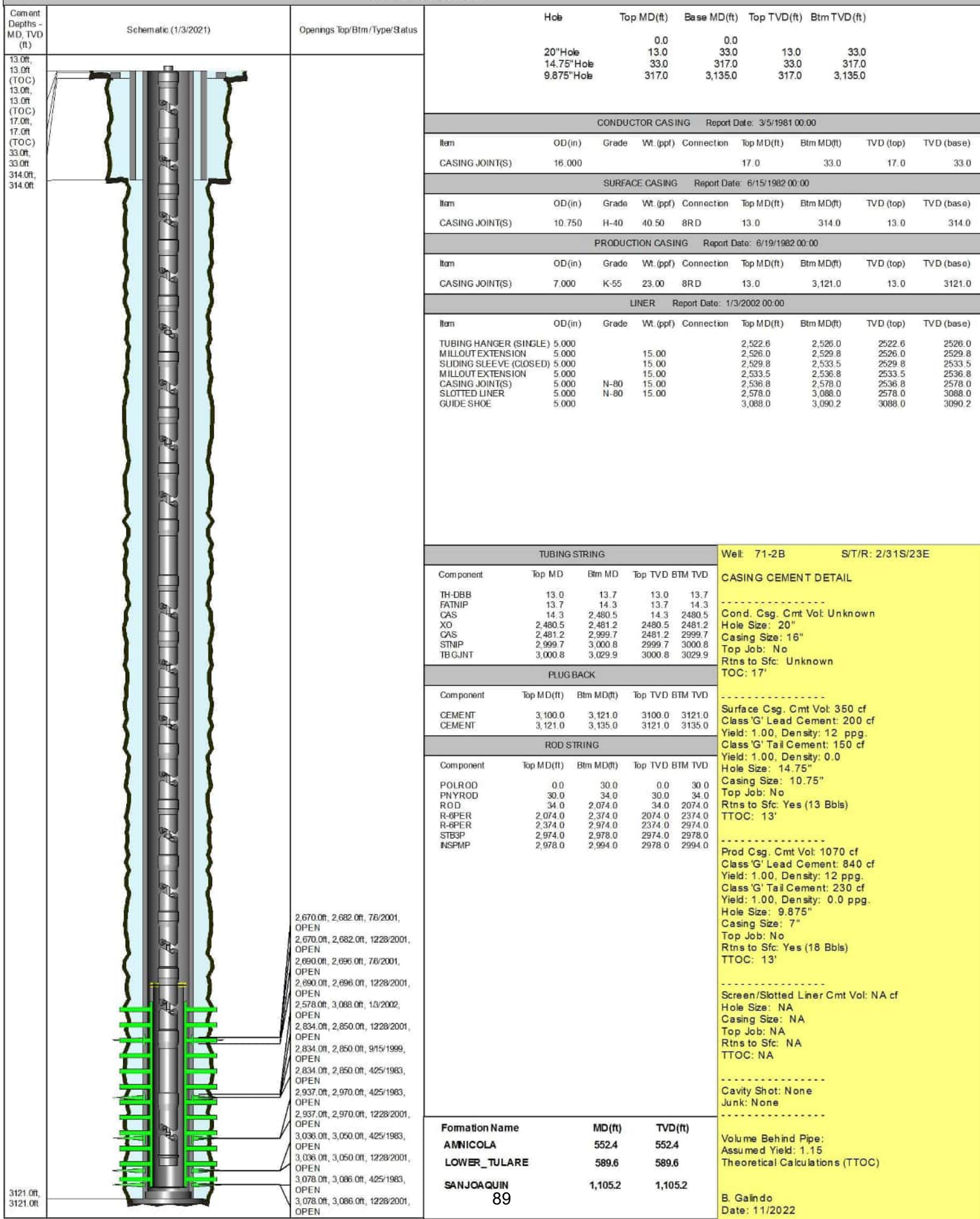
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: ACTIVE
 Status Date: 1/26/2010

71-2B

Ground Level: 1,183.0ft
 Datum: Original DF @ 1,196.00ft (default)
 KB: 13.0ft
 API-10: 0402966852

Wellbore: ORIGINAL HOLE
 PBMD: 3,100.0ft
 Btm TMD: 3,135.0ft
 Spud Date/Time: 6/15/1982
 BH Coord X: 6,123,075.75usft
 BH Coord Y: 2,286,550.93usft



2,670.0ft, 2,682.0ft, 7/6/2001, OPEN
 2,670.0ft, 2,682.0ft, 12/28/2001, OPEN
 2,690.0ft, 2,696.0ft, 7/6/2001, OPEN
 2,690.0ft, 2,696.0ft, 12/28/2001, OPEN
 2,578.0ft, 3,088.0ft, 1/3/2002, OPEN
 2,834.0ft, 2,850.0ft, 12/28/2001, OPEN
 2,834.0ft, 2,850.0ft, 9/15/1999, OPEN
 2,834.0ft, 2,850.0ft, 4/25/1983, OPEN
 2,937.0ft, 2,970.0ft, 4/25/1983, OPEN
 2,937.0ft, 2,970.0ft, 12/28/2001, OPEN
 3,036.0ft, 3,050.0ft, 4/25/1983, OPEN
 3,036.0ft, 3,050.0ft, 12/28/2001, OPEN
 3,078.0ft, 3,086.0ft, 4/25/1983, OPEN
 3,078.0ft, 3,086.0ft, 12/28/2001, OPEN

3121.0ft,
 3121.0ft

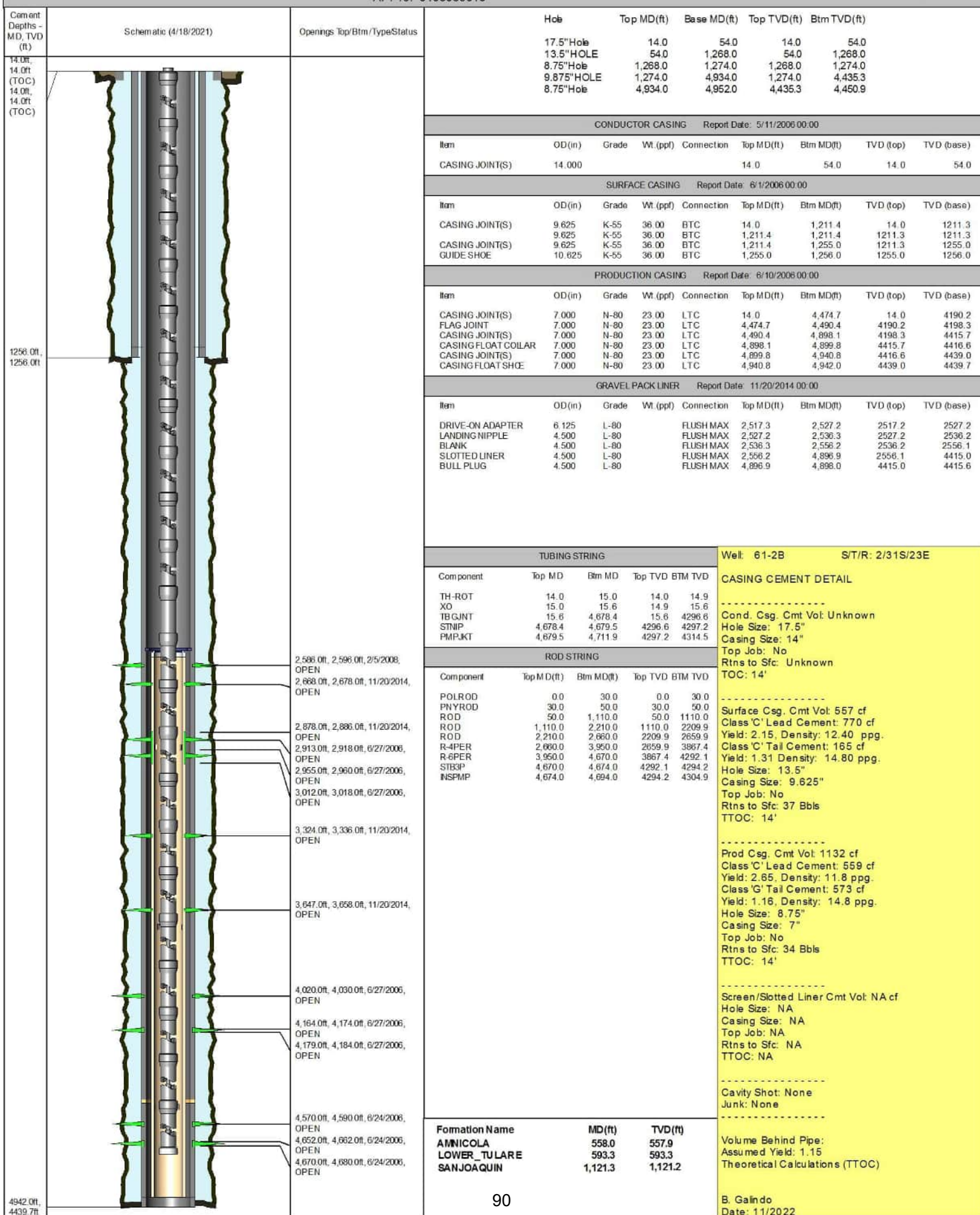
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: ACTIVE
 Status Date: 7/22/2006

61-2B

Ground Level: 1,156.3ft
 Datum: Original KB @ 1,170.30ft (default)
 KB: 14.0ft
 API-10: 0403030019

Wellbore: ORIGINAL HOLE
 PBMD: 4,898.0ft
 Btm TMD: 4,934.0ft
 Spud Date/Time: 5/30/2006
 BH Coord X: 6,121,683.87usft
 BH Coord Y: 2,286,999.81usft



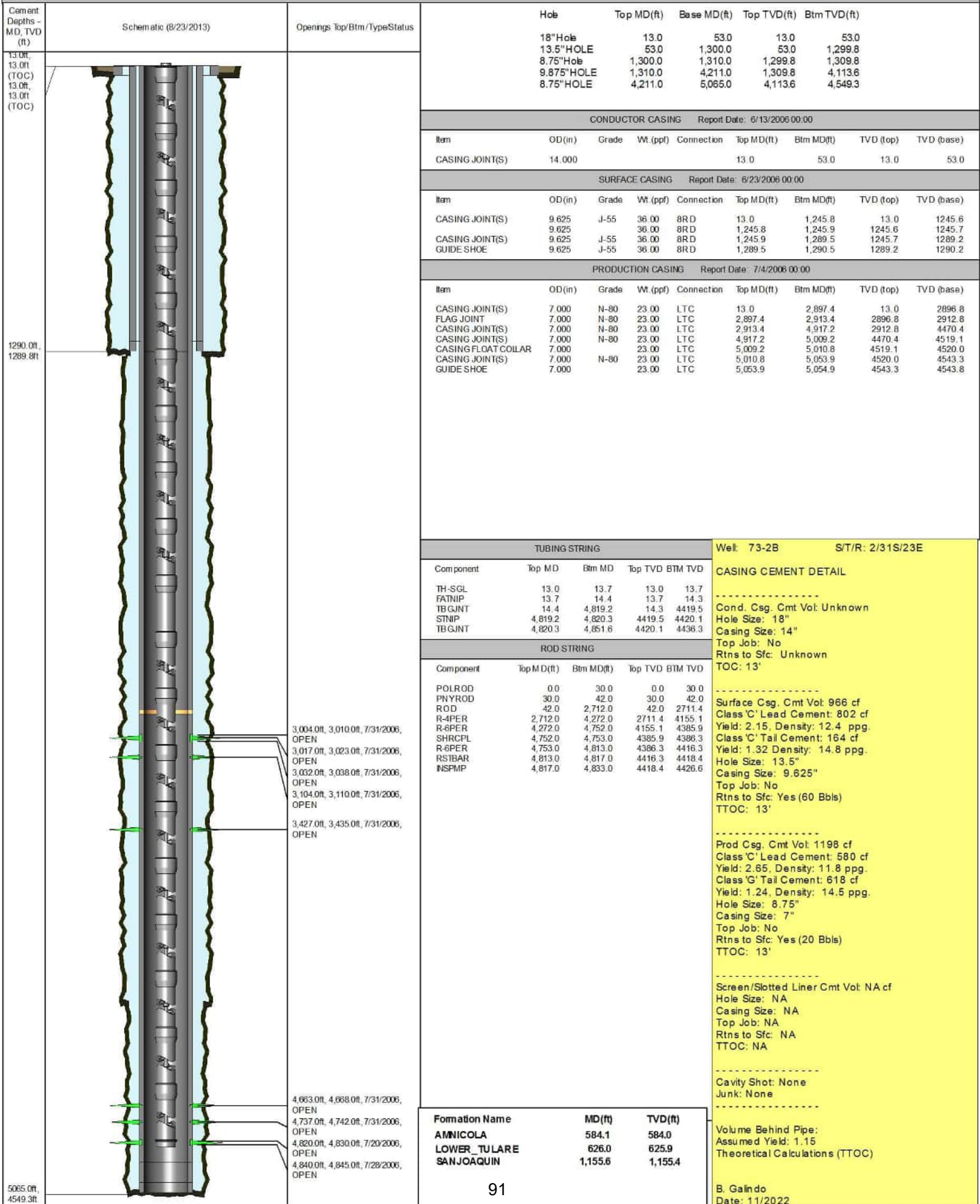
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: ACTIVE
 Status Date: 9/9/2006

73-2B

Ground Level: 1,140.9ft
 Datum: Original KB @ 1,153.90ft (default)
 KB: 13.0ft
 API-10: 0403030020

Wellbore: ORIGINAL HOLE
 PBMD: 5,011.0ft
 Btm TMD: 5,065.0ft
 Spud Date/Time: 6/23/2006
 BH Coord X: 6,122,101.85usft
 BH Coord Y: 2,285,962.45usft



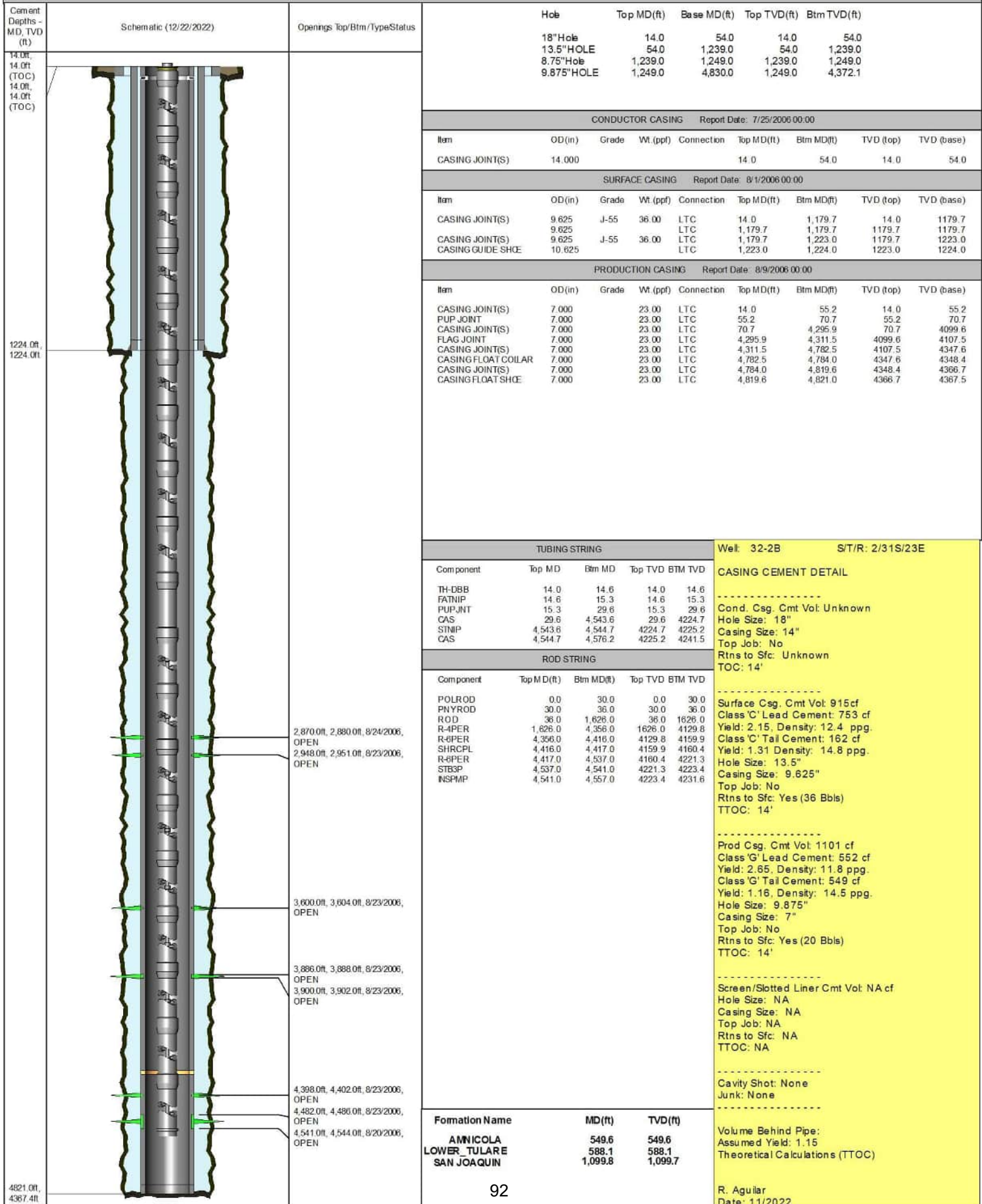
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: ACTIVE
 Status date: 12/22/2022

32-2B

Ground Level: 1,147.0ft
 Datum: Original KB @ 1,161.00ft (default)
 KB: 14.0ft
 API-10: 0403030778

Wellbore: ORIGINAL HOLE
 PBMD: 4,782.5ft
 Btm TMD: 4,830.0ft
 Spud Date/Time: 7/30/2006
 BH Coord X: 6,120,866.94usft
 BH Coord Y: 2,287,086.94usft



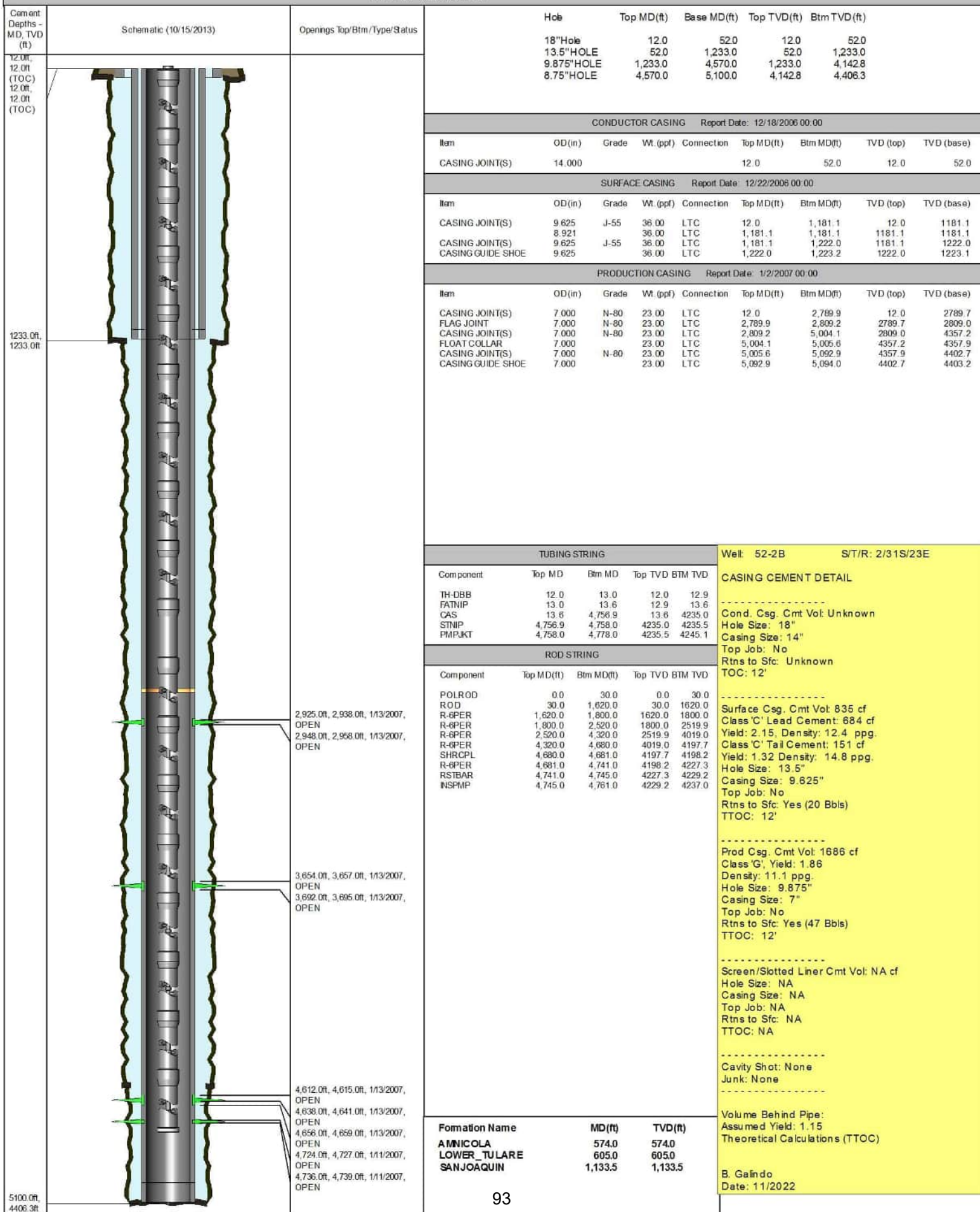
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: INACTIVE
 Status Date: 1/11/2022

52-2B

Ground Level: 1,124.3ft
 Datum: Original KB @ 1,136.30ft (default)
 KB: 12.0ft
 API-10: 0403032023

Wellbore: ORIGINAL HOLE
 PBMD: 5,006.0ft
 Btm TMD: 5,100.0ft
 Spud Date/Time: 12/21/2006
 BH Coord X: 6,120,979.41usft
 BH Coord Y: 2,286,741.92usft



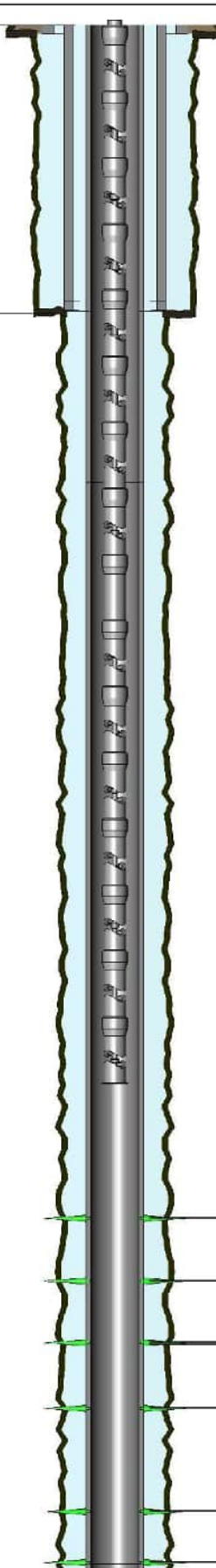
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 End Status: ACTIVE
 Status Date: 5/27/2021

42H-2B

Ground Level: 1,128.3ft
 Datum: Original KB @ 1,148.30ft (default)
 KB: 20.0ft
 API-10: 040303324

Wellbore: ORIGINAL HOLE
 PBMD: 6,657.0ft
 Btm TMD: 6,757.0ft
 Spud Date/Time: 9/1/2007
 BH Coord X: 6,118,454.28usft
 BH Coord Y: 2,286,580.29usft

Cement Depths - MD, TVD (ft)	Schematic (8/26/2021)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
20.0ft 20.0ft (TOC) 20.0ft 20.0ft (TOC)			18"Hole	20.0	60.0	20.0	60.0				
			13.5"HOLE	60.0	1,265.0	60.0	1,264.9				
			8.5"HOLE	1,265.0	6,757.0	1,264.9	4,179.5				
			CONDUCTOR CASING Report Date: 8/28/2007 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	14.000				20.0	60.0	20.0	60.0
			SURFACE CASING Report Date: 9/2/2007 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	9.625	J-55	36.00	LTC	20.0	1,214.5	20.0	1214.4
				9.625	J-55	36.00	LTC	1,214.5	1,214.5	1214.4	1214.4
			CASING JOINT(S)	9.625	J-55	36.00	LTC	1,214.5	1,253.8	1214.4	1253.7
			GUIDE SHOE	9.625	J-55	36.00	LTC	1,253.8	1,255.0	1253.7	1254.9
			PRODUCTION CASING Report Date: 9/7/2007 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	5.500	K-55	17.00	LTC	20.0	1,991.8	20.0	1991.4
			CASING JOINT(S)	5.500	N-80	17.00	LTC	1,991.8	6,657.8	1991.4	4180.2
			FLOAT COLLAR	5.500	N-80	17.00	LTC	6,657.8	6,659.2	4180.2	4180.2
			CASING JOINT(S)	5.500	N-80	17.00	LTC	6,659.2	6,745.4	4180.2	4179.6
			FLOAT SHOE	5.500	N-80	17.00	LTC	6,745.4	6,747.0	4179.6	4179.6
1265.0ft, 1264.9ft											
</											

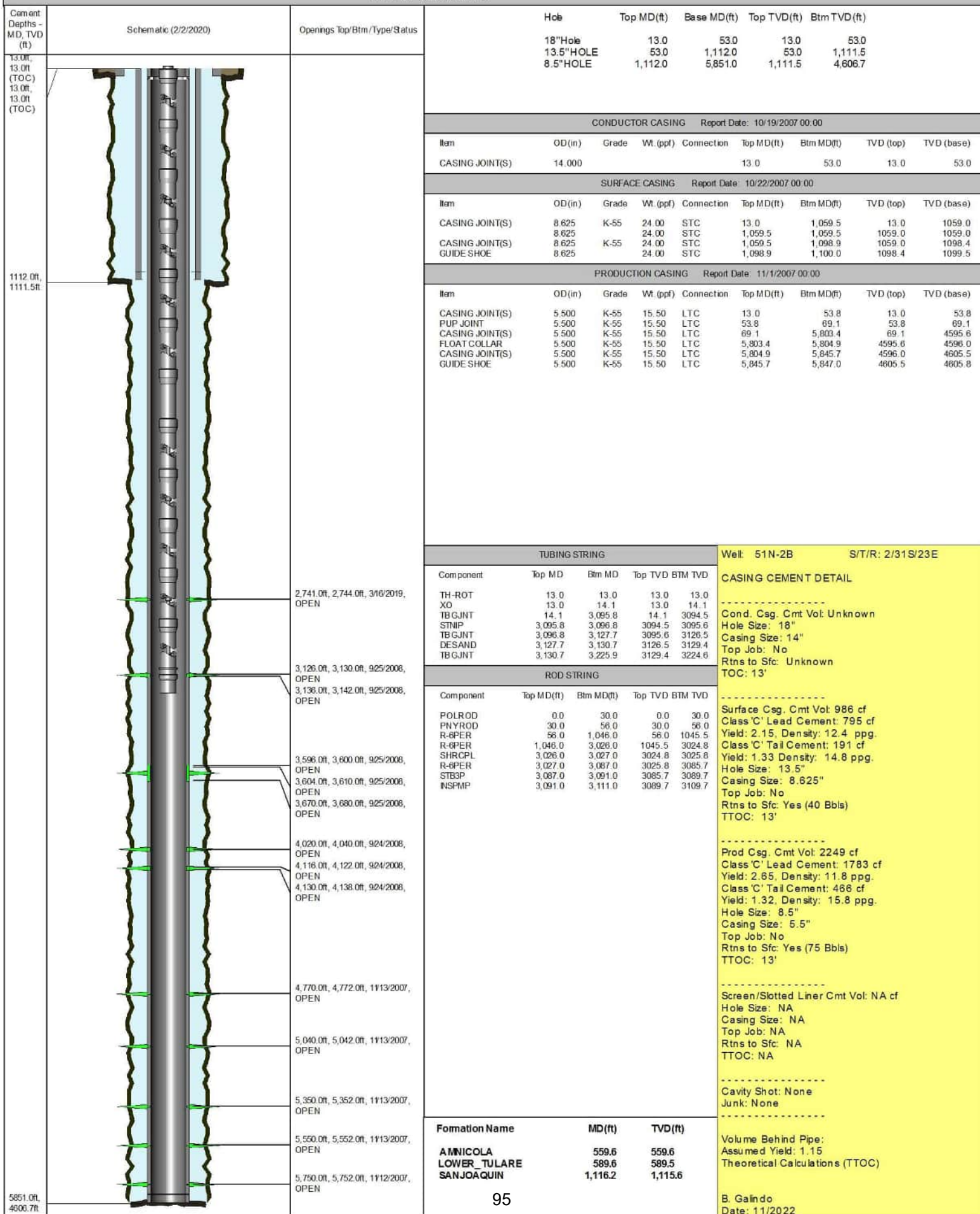
CALIFORNIA RESOURCES PRODUCTION CORPORATION

Field Name: ELK HILLS
 Site Name: 02B
 End Status: INACTIVE
 Status Date: 2/10/2022

51N-2B

Ground Level: 1,208.4ft
 Datum: Original KB @ 1,221.40ft (default)
 KB: 13.0ft
 API-10: 0403034182

Wellbore: ORIGINAL HOLE
 PBMD: 5,803.0ft
 Btm TMD: 5,851.0ft
 Spud Date/Time: 10/22/2007
 BH Coord X: 6,123,541.49usft
 BH Coord Y: 2,286,211.74usft



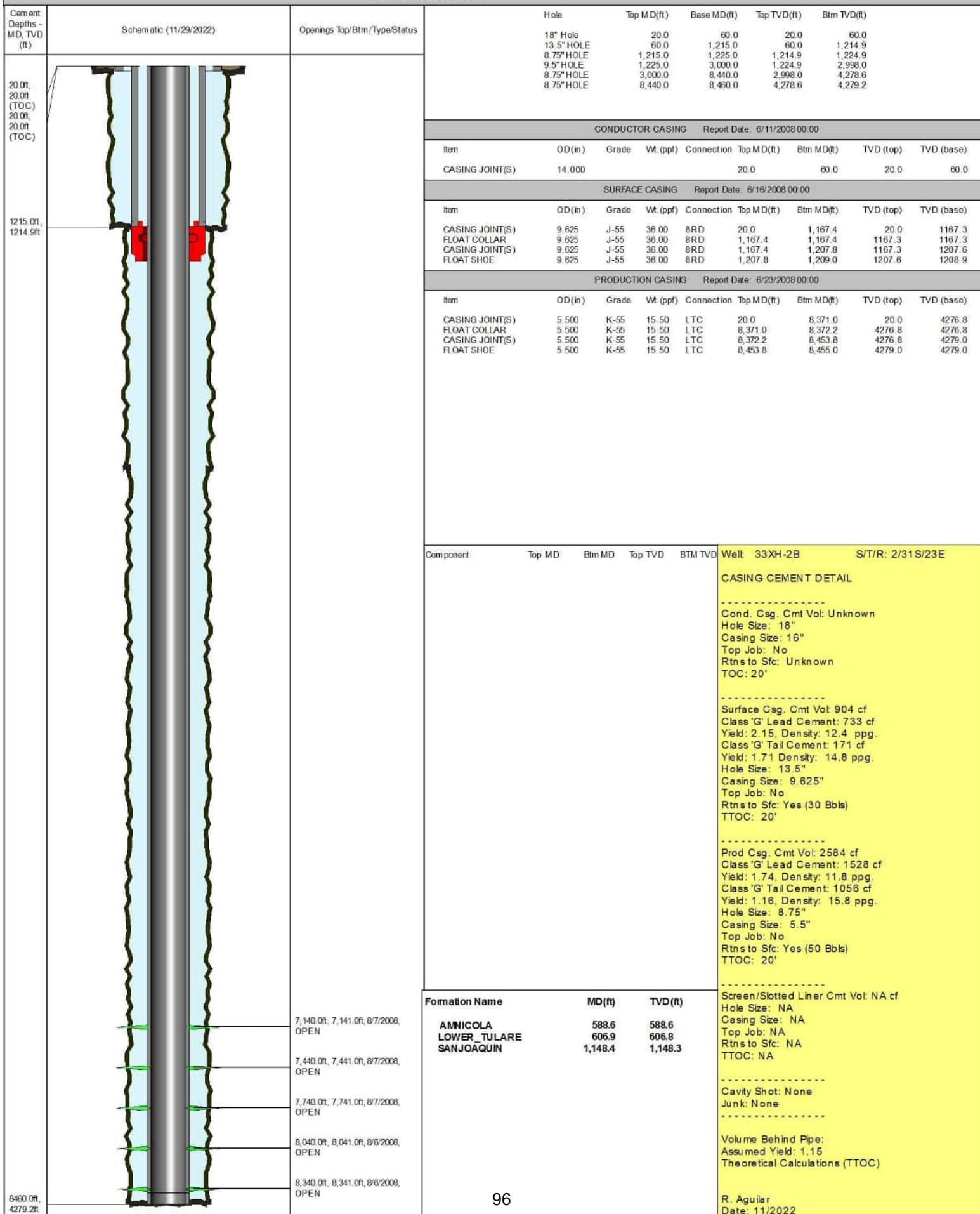
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 11/29/2022

33XH-2B

Ground Level: 1,075.5ft
 Datum: Original KB @ 1,095.50ft (AirGap = 20' KB)(default)
 KB: 20.0ft
 API-10: 0403036062

Wellbore: ORIGINAL HOLE
 PBMD: 8,371.0ft
 Btm TMD: 8,460.0ft
 Spud Date/Time: 6/16/2008
 BH Coord X: 6,116,044.07usft
 BH Coord Y: 2,286,695.12usft



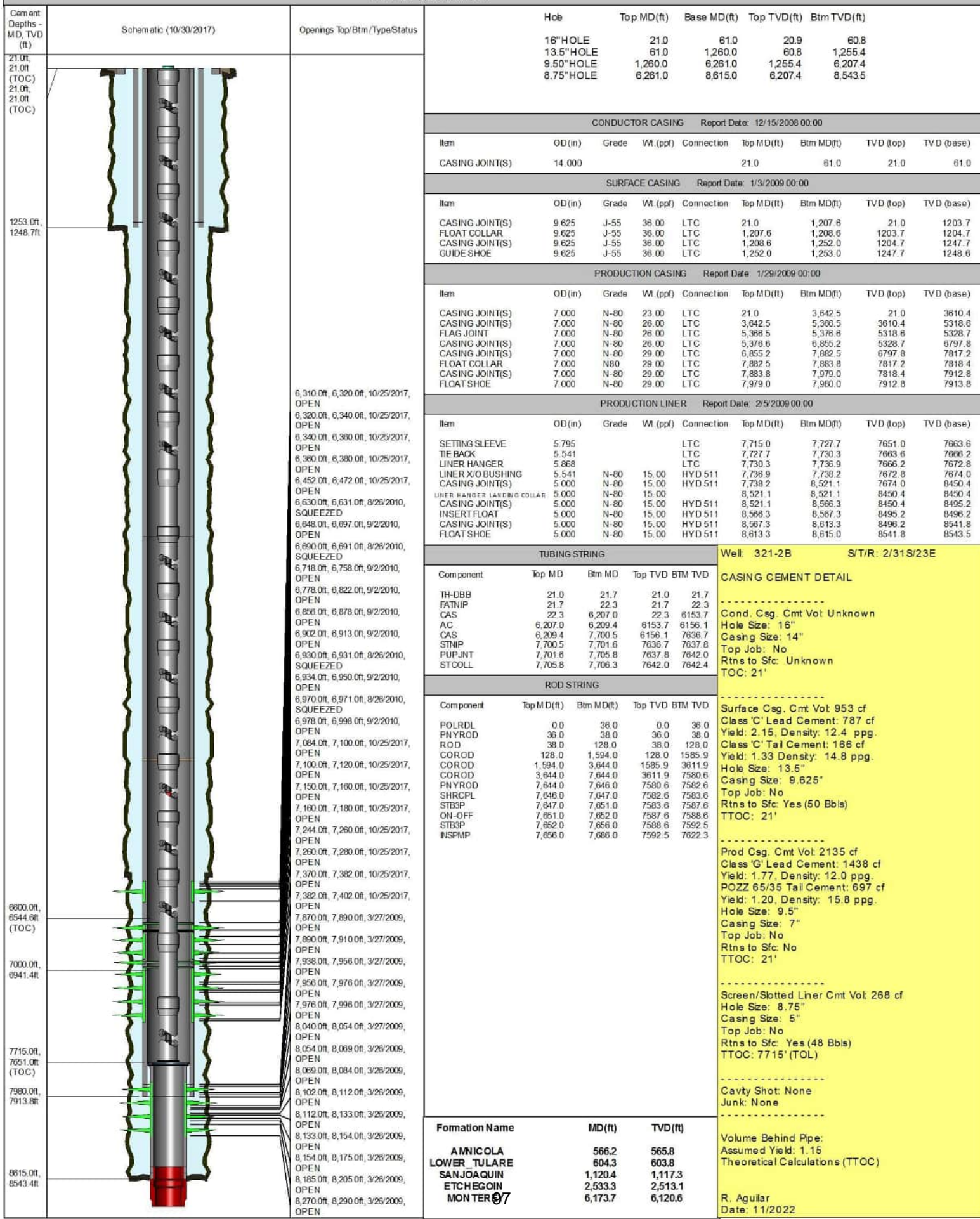
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 02B
Well Status: ACTIVE
Status date: 10/30/2017

321-2B

Ground Level: 1,148.1ft
Datum: Original KB @ 1,169.10ft (default)
KB: 21.0ft
API-10: 0403037152

Wellbore: ORIGINAL HOLE
PBMD: 8,602.0ft
Btm TMD: 8,615.0ft
Spud Date/Time: 1/2/2009
BH Coord X: 6,119,850.56usft
BH Coord Y: 2,286,933.76usft



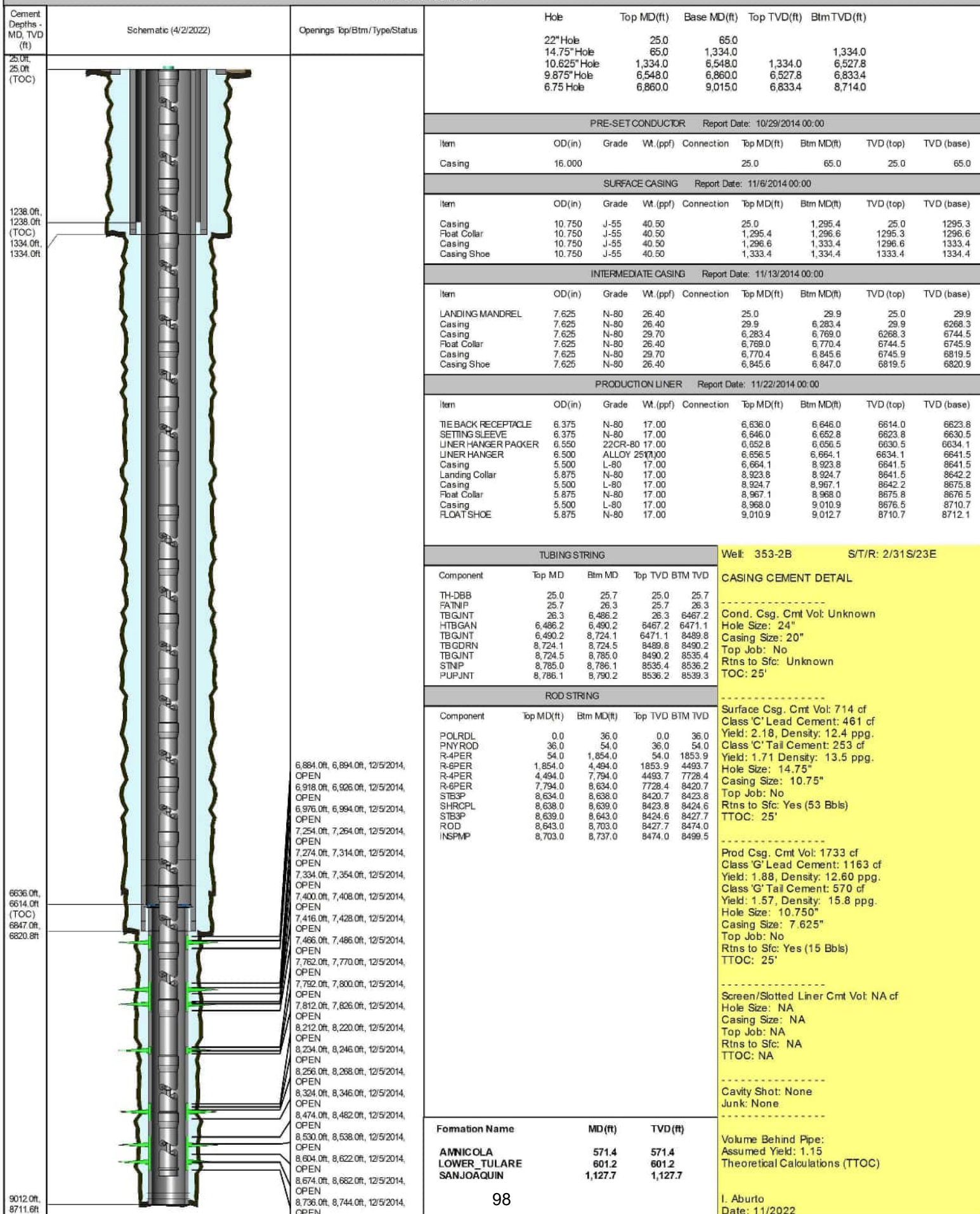
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 4/2/2022

351X-2B

Ground Level: 1,194.0ft
 Datum: Original DF @ 1,219.00ft (25' KB ON RIG 262)(default)
 KB: 25.0ft
 API-10: 0403055464

Wellbore: ORIGINAL HOLE
 PBMD: 8,949.0ft
 Btm TMD: 9,015.0ft
 Spud Date/Time: 11/6/2014
 BH Coord X: 6,120,583.98usft
 BH Coord Y: 2,286,627.58usft



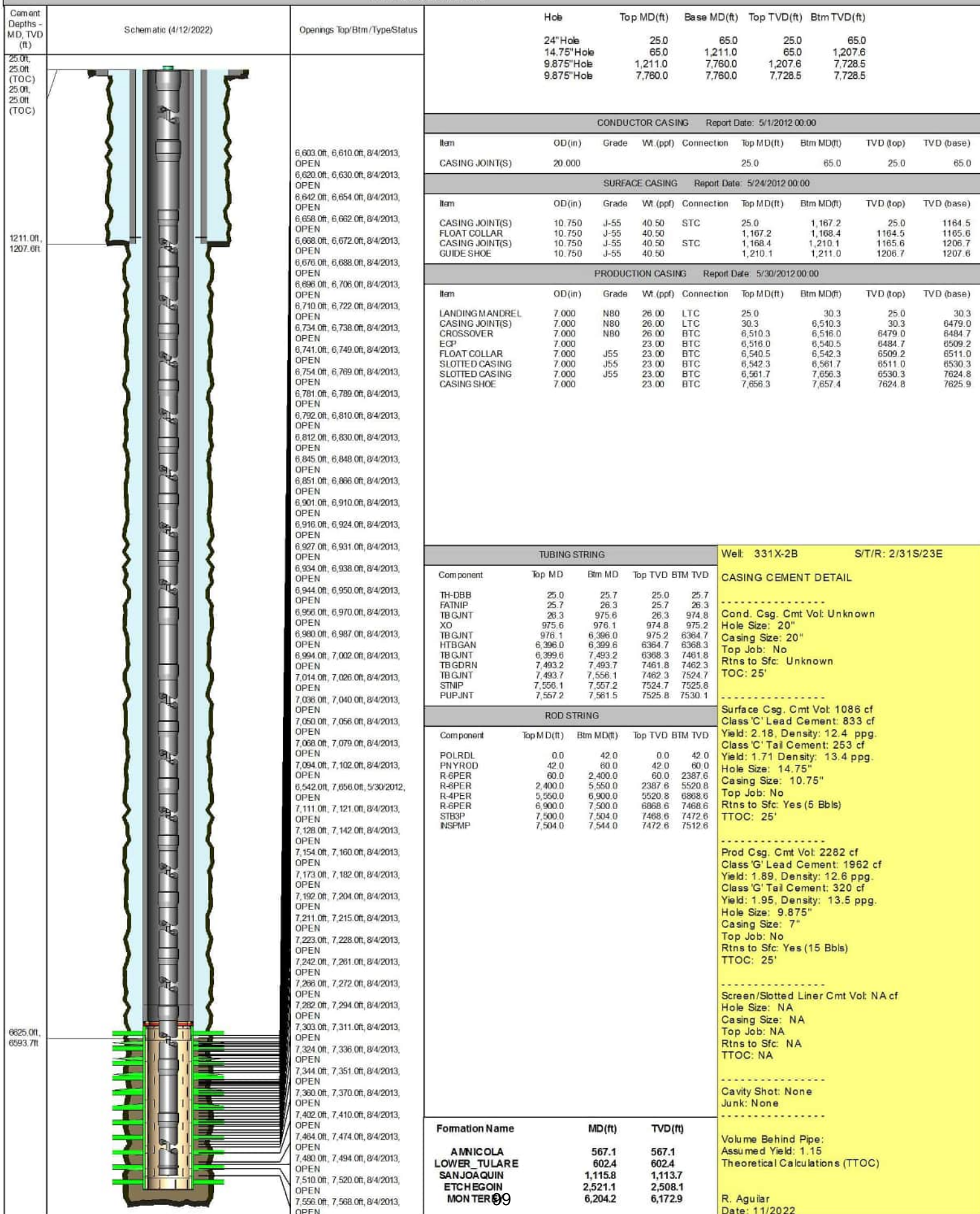
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 02B
Well Status: ACTIVE
Status date: 4/12/2022

331X-2B

Ground Level: 1,158.3ft
Datum: Original DF @ 1,183.30ft (default)
KB: 25.0ft
API-10: 0403047156

Wellbore: ORIGINAL HOLE
PBMD: 7,656.0ft
Btm TMD: 7,760.0ft
Spud Date/Time: 5/23/2012
BH Coord X: 6,120,403.03usft
BH Coord Y: 2,286,595.31usft



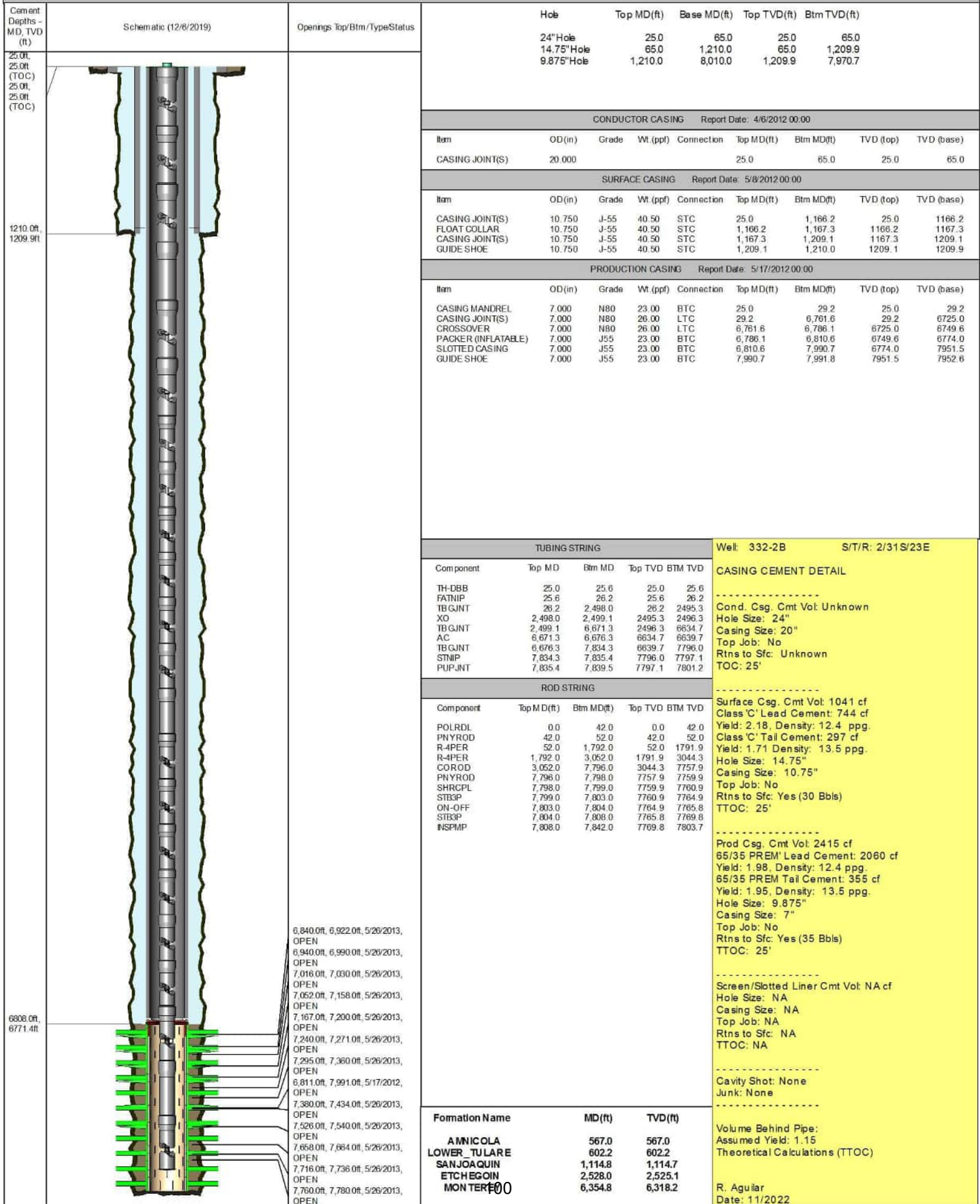
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 12/6/2019

332-2B

Ground Level: 1,158.3ft
 Datum: Original KB @ 1,183.30ft (default)
 KB: 25.0ft
 API-10: 0403047214

Wellbore: ORIGINAL HOLE
 PBMD: 7,990.0ft
 Btm TMD: 8,010.0ft
 Spud Date/Time: 5/7/2012
 BH Coord X: 6,120,353.10usft
 BH Coord Y: 2,285,983.09usft



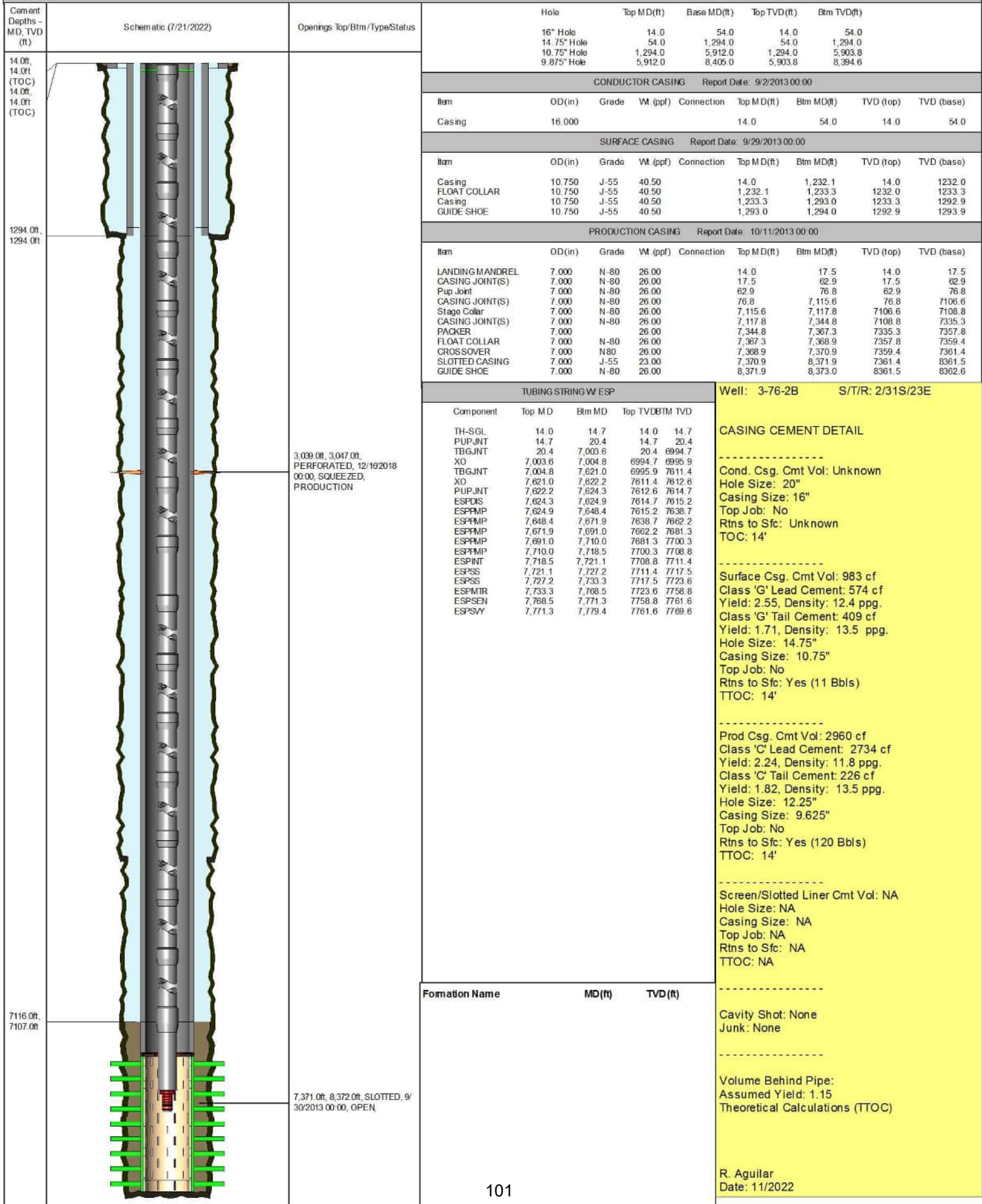
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: IDLE
 Status date: 7/21/2022

3-76-2B

Ground Level: 1,023.4ft
 Datum: Original DF @ 1,037.40ft (default)
 KB: 14.0ft
 API-10: 0403050043

Wellbore: ORIGINAL HOLE
 PBMD: 8,373.0ft
 Btm TMD: 8,405.0ft
 Spud Date/Time: 9/28/2013
 BH Coord X: 6,122,933.31usft
 BH Coord Y: 2,282,990.03usft



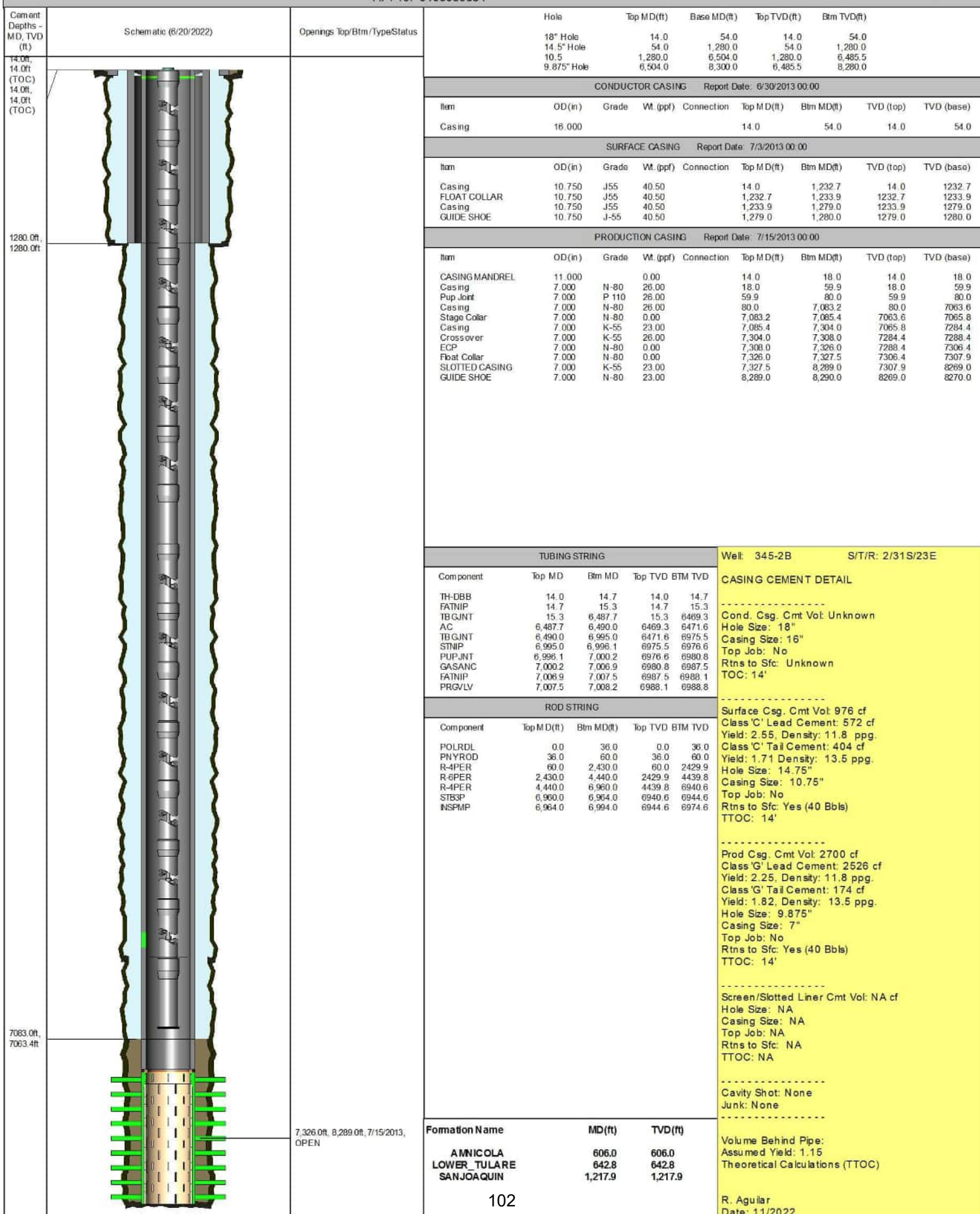
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 6/20/2022

345-2B

Ground Level: 1,005.9ft
 Datum: Original DF @ 1,019.90ft (default)
 KB: 14.0ft
 API-10: 0403050884

Wellbore: ORIGINAL HOLE
 PBMD: 8,289.0ft
 Btm TMD: 8,300.0ft
 Spud Date/Time: 7/2/2013
 BH Coord X: 6,121,075.72usft
 BH Coord Y: 2,283,600.64usft



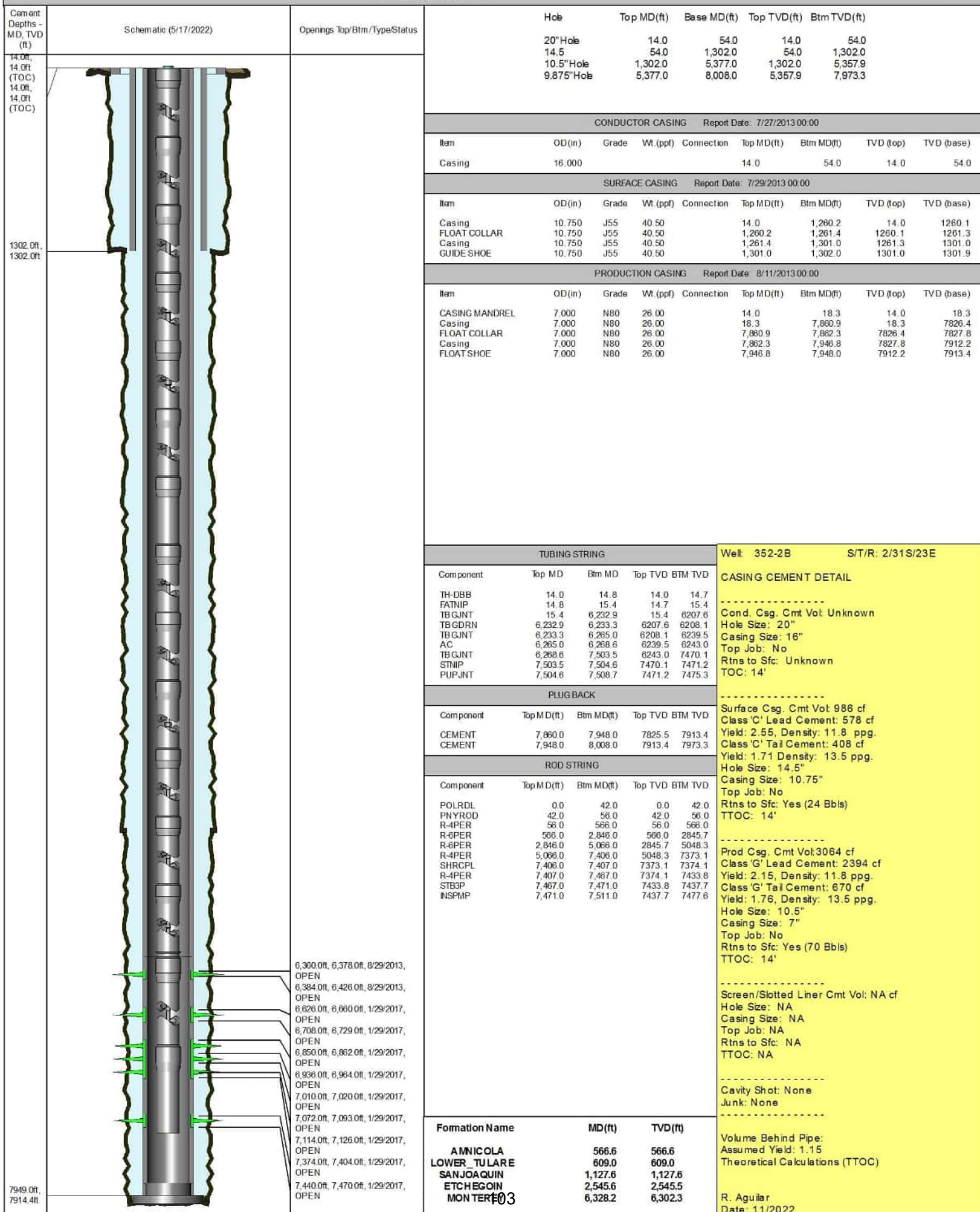
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 5/17/2022

352-2B

Ground Level: 1,170.4ft
 Datum: Original DF @ 1,184.40ft (default)
 KB: 14.0ft
 API-10: 0403050885

Wellbore: ORIGINAL HOLE
 PBMD: 7,860.0ft
 Btm TMD: 8,008.0ft
 Spud Date/Time: 7/28/2013
 BH Coord X: 6,121,433.10usft
 BH Coord Y: 2,286,215.77usft



6,360.0ft, 6,378.0ft, 8/29/2013, OPEN
 6,384.0ft, 6,426.0ft, 8/29/2013, OPEN
 6,626.0ft, 6,680.0ft, 1/29/2017, OPEN
 6,708.0ft, 6,729.0ft, 1/29/2017, OPEN
 6,850.0ft, 6,862.0ft, 1/29/2017, OPEN
 6,936.0ft, 6,984.0ft, 1/29/2017, OPEN
 7,010.0ft, 7,020.0ft, 1/29/2017, OPEN
 7,072.0ft, 7,093.0ft, 1/29/2017, OPEN
 7,114.0ft, 7,126.0ft, 1/29/2017, OPEN
 7,374.0ft, 7,404.0ft, 1/29/2017, OPEN
 7,440.0ft, 7,470.0ft, 1/29/2017, OPEN

7949.0ft, 7914.4ft

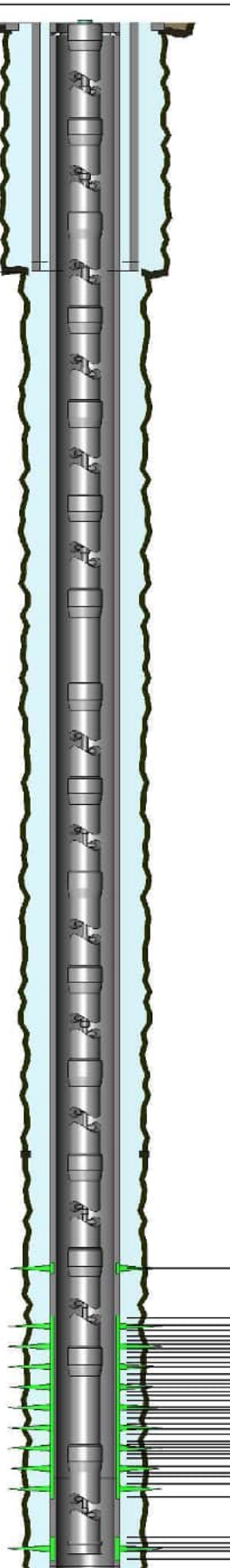
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 02B
Well Status: ACTIVE
Status date: 4/11/2022

352C-2B

Ground Level: 1,170.4ft
Datum: Original DF @ 1,184.40ft (default)
KB: 14.0ft
API-10: 0403051441

Wellbore: ORIGINAL HOLE
PBMD: 8,075.0ft
Btm TMD: 8,184.0ft
Spud Date/Time: 7/16/2013
BH Coord X: 6,121,906.54usft
BH Coord Y: 2,285,740.10usft

Cement Depths - MD, TVD (ft)	Schematic (4/11/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)						
14.0ft, 14.0ft (TOC) 14.0ft, 14.0ft (TOC)			20" Hole	14.0	54.0	14.0	54.0						
			14.5" Hole	54.0	1,315.0	54.0	1,315.0						
			10.5" Hole	1,315.0	5,925.0	1,315.0	5,876.4						
			9.875" Hole	5,925.0	8,184.0	5,876.4	8,103.0						
1315.0ft, 1315.0ft			CONDUCTOR CASING Report Date: 7/1/2013 00:00										
					Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
					Casing	16.000				14.0	54.0	14.0	54.0
					SURFACE CASING Report Date: 7/17/2013 00:00								
					Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
					Casing	10.750	K-55	40.50		14.0	1,263.1	14.0	1263.1
			FLOAT COLLAR	10.750		40.50		1,263.1	1,264.3	1263.1	1264.3		
			Casing	10.750	K-55	40.50		1,264.3	1,309.0	1264.3	1308.9		
			FLOAT SHOE	10.750		40.50		1,309.0	1,310.0	1308.9	1309.9		
			PRODUCTION CASING Report Date: 7/27/2013 00:00										
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
		6,494.0ft, 6,548.0ft, 2/2/2017, OPEN	LANDING MANDREL	7.000	N80	26.00	LTC	14.0	18.3	14.0	18.3		
		6,770.0ft, 6,790.0ft, 8/23/2013, OPEN	Casing	7.000	N80	26.00	LTC	18.3	63.8	18.3	63.8		
		6,812.0ft, 6,826.0ft, 8/23/2013, OPEN	PUP JOINT	7.000	N80	26.00	LTC	63.8	77.1	63.8	77.1		
		6,832.0ft, 6,854.0ft, 8/23/2013, OPEN	Casing	7.000	N80	26.00	LTC	77.1	7,620.0	77.1	7546.1		
		6,865.0ft, 6,886.0ft, 8/23/2013, OPEN	Casing	7.000	N80	29.00	LTC	7,620.0	8,075.4	7546.1	7995.2		
		6,894.0ft, 6,904.0ft, 8/23/2013, OPEN	FLOAT COLLAR	7.000	N80	26.00	LTC	8,075.4	8,076.8	7995.2	7996.7		
		6,910.0ft, 6,925.0ft, 8/23/2013, OPEN	Casing	7.000	N80	29.00	LTC	8,076.8	8,153.3	7996.7	8072.5		
		6,938.0ft, 6,944.0ft, 8/23/2013, OPEN	FLOAT SHOE	7.000	N80	26.00	LTC	8,153.3	8,155.0	8072.5	8074.2		
		6,952.0ft, 6,964.0ft, 8/23/2013, OPEN											
		6,976.0ft, 6,996.0ft, 8/23/2013, OPEN											
		7,004.0ft, 7,018.0ft, 8/23/2013, OPEN											
		7,026.0ft, 7,042.0ft, 8/23/2013, OPEN											
		7,064.0ft, 7,082.0ft, 8/23/2013, OPEN											
		7,096.0ft, 7,110.0ft, 8/23/2013, OPEN											
		7,120.0ft, 7,124.0ft, 8/23/2013, OPEN											
		7,130.0ft, 7,152.0ft, 8/23/2013, OPEN											
		7,160.0ft, 7,170.0ft, 8/23/2013, OPEN											
		7,175.0ft, 7,190.0ft, 8/23/2013, OPEN											
		7,198.0ft, 7,224.0ft, 8/23/2013, OPEN											
		7,236.0ft, 7,256.0ft, 8/23/2013, OPEN											
		7,260.0ft, 7,264.0ft, 8/23/2013, OPEN											
		7,268.0ft, 7,281.0ft, 8/23/2013, OPEN											
		7,296.0ft, 7,310.0ft, 8/23/2013, OPEN											
		7,322.0ft, 7,344.0ft, 8/23/2013, OPEN											
		7,354.0ft, 7,368.0ft, 8/23/2013, OPEN											
		7,384.0ft, 7,392.0ft, 8/23/2013, OPEN											
		7,418.0ft, 7,430.0ft, 8/23/2013, OPEN											
		7,436.0ft, 7,442.0ft, 8/23/2013, OPEN											
		7,450.0ft, 7,458.0ft, 8/23/2013, OPEN											
		7,472.0ft, 7,478.0ft, 8/23/2013, OPEN											
		7,484.0ft, 7,496.0ft, 8/23/2013, OPEN											
		7,508.0ft, 7,520.0ft, 8/23/2013, OPEN											
		7,540.0ft, 7,566.0ft, 8/23/2013, OPEN											
		7,580.0ft, 7,596.0ft, 8/23/2013, OPEN											
		7,603.0ft, 7,614.0ft, 8/23/2013, OPEN											
		7,644.0ft, 7,652.0ft, 8/23/2013, OPEN											
		7,702.0ft, 7,726.0ft, 8/23/2013, OPEN											
		7,922.0ft, 7,930.0ft, 8/23/2013, OPEN											
		7,951.0ft, 7,958.0ft, 8/23/2013, OPEN											
		7,974.0ft, 7,980.0ft, 8/23/2013, OPEN											
		7,993.0ft, 8,003.0ft, 8/23/2013, OPEN											
		8,032.0ft, 8,048.0ft, 8/23/2013, OPEN											
8184.0ft, 8103.0ft													

Formation Name	MD(ft)	TVD(ft)
AMNICOLA	566.2	566.2
LOWER TULARE	608.5	608.5
SAN JOAQUIN	1,127.6	1,127.5
ETCHEGOIN	2,555.1	2,552.1
MONTEREY	6,475.8	6,420.4

Component	Top MD	Btm MD	Top TVD	BTM TVD
TH-DBB	14.0	14.7	14.0	14.7
FATNIP	14.7	15.4	14.7	15.3
TB GJNT	15.4	6,411.9	15.3	6357.3
HTBGAN	6,411.9	6,415.5	6357.3	6360.8
TB GJNT	6,415.5	7,947.7	6360.8	7869.1
DRAIN	7,947.7	7,948.1	7869.1	7869.5
TB GJNT	7,948.1	8,010.6	7869.5	7931.1
STNIP	8,010.6	8,011.7	7931.1	7932.2
PUPJNT	8,011.7	8,016.0	7932.2	7936.5

Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
POLRDL	0.0	42.0	0.0	42.0
PNYROD	42.0	50.0	42.0	50.0
ROD	50.0	1,550.0	50.0	1550.0
ROD	1,550.0	4,220.0	1550.0	4200.4
ROD	4,220.0	6,020.0	4200.4	5969.9
ROD	6,020.0	7,970.0	5969.9	7891.1
STB3P	7,970.0	7,974.0	7891.1	7895.1
INSPMP	7,974.0	8,008.0	7895.1	7928.6

Well: 352C-2B S/T/R: 2/31S/23E			
CASING CEMENT DETAIL			

Cond. Csg. Cmt Vol: Unknown			
Hole Size: 20"			
Casing Size: 16"			
Top Job: No			
Rtns to Sfc: Unknown			
TOC: 14'			

Surface Csg. Cmt Vol: 986 cf			
Class 'C' Lead Cement: 578 cf			
Yield: 2.55, Density: 11.8 ppg.			
Class 'C' Tail Cement: 408 cf			
Yield: 1.71 Density: 13.5 ppg.			
Hole Size: 14.5"			
Casing Size: 10.75"			
Top Job: No			
Rtns to Sfc: Yes (63 Bbls)			
TTOC: 14'			

Prod Csg. Cmt Vol: 2964 cf			
Class 'G' Lead Cement: 2285 cf			
Yield: 2.25, Density: 11.8 ppg.			
Class 'G' Tail Cement: 679 cf			
Yield: 1.82, Density: 13.5 ppg.			
Hole Size: 9.875"			
Casing Size: 7"			
Top Job: No			
Rtns to Sfc: Yes (70 Bbls)			
TTOC: 14'			

Screen/Slotted Liner Cmt Vol: NA cf			
Hole Size: NA			
Casing Size: NA			
Top Job: NA			
Rtns to Sfc: NA			
TTOC: NA			

Cavity Shot: None			
Junk: None			

Volume Behind Pipe:			
Assumed Yield: 1.15			
Theoretical Calculations (TTOC)			
R. Aguilar			
Date: 11/2022			

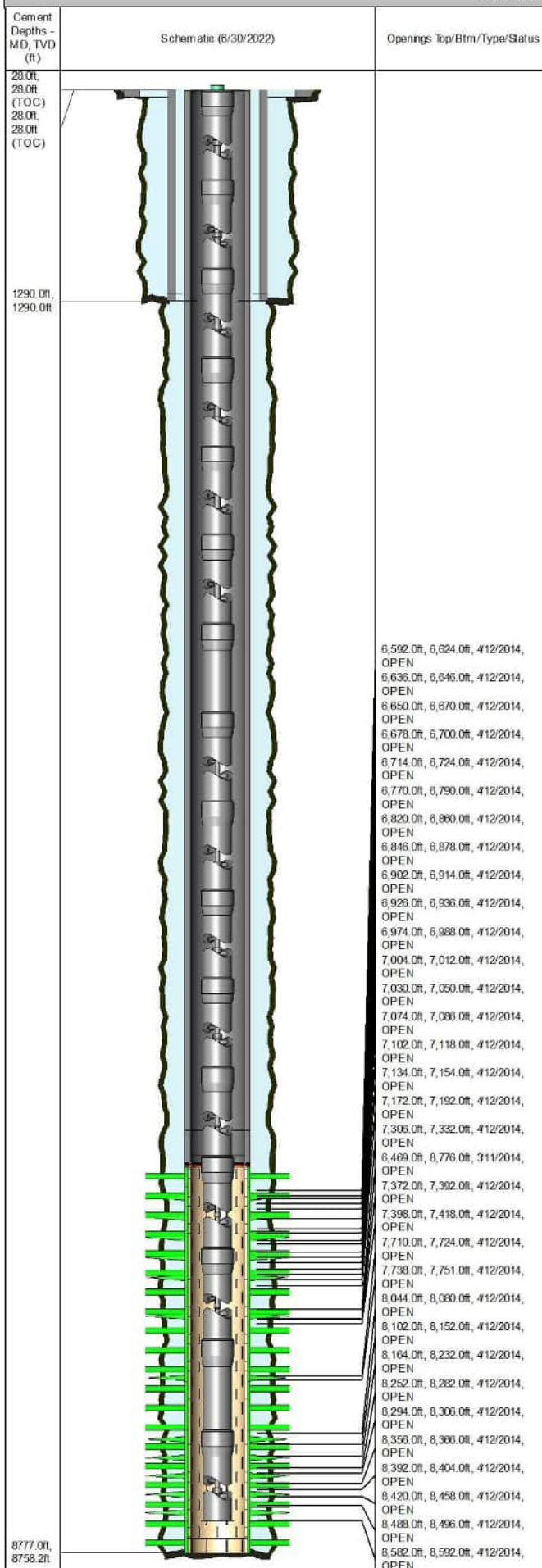
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 02B
Well Status: ACTIVE
Status date: 6/30/2022

323-2B

Ground Level: 1,093.6ft
Datum: Original DF @ 1,121.60ft(default)
KB: 28.0ft
API-10: 0403053265

Wellbore: ORIGINAL HOLE
PBMD: 8,776.0ft
Btm TMD: 8,796.0ft
Spud Date/Time: 2/24/2014
BH Coord X: 6,119,755.07usft
BH Coord Y: 2,285,317.95usft



Hole		Top MD(ft)		Base MD(ft)		Top TVD(ft)		Btm TVD(ft)	
20" Hole		28.0		68.0		28.0		68.0	
14.50" Hole		68.0		1,290.0		68.0		1,290.0	
9.875" Hole		1,290.0		8,796.0		1,290.0		8,777.2	

CONDUCTOR CASING				Report Date: 2/2/2014 00:00				
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing	20.000				28.0	68.0	28.0	68.0

SURFACE CASING				Report Date: 2/25/2014 00:00				
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing	10.750	J-55	40.50		28.0	1,246.1	28.0	1246.1
FLOAT COLLAR	10.750	J-55	40.50		1,246.1	1,247.2	1246.1	1247.2
Casing	10.750	J-55	40.50		1,247.2	1,288.7	1247.2	1288.7
FLOAT SHOE	10.750	J-55	40.50		1,288.7	1,290.0	1288.7	1290.0

PRODUCTION CASING				Report Date: 3/11/2014 00:00				
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
LANDING MANDREL	7.000	N80	26.00		28.0	33.2	28.0	33.2
Casing	7.000	N80	26.00		33.2	6,249.0	33.2	6230.6
STAGE COLLAR	7.000	N80	26.00		6,249.0	6,251.6	6230.6	6233.2
Casing	7.000	N80	26.00		6,251.6	6,443.6	6233.2	6424.8
CROSSOVER	7.000	N-80	23.00		6,443.6	6,451.6	6424.8	6432.8
ECP	7.000		0.00		6,451.6	6,465.3	6432.8	6446.4
Float Collar	7.000	N80	26.00		6,465.3	6,466.8	6446.4	6447.9
CROSSOVER	7.000	N-80	23.00		6,466.8	6,468.9	6447.9	6450.0
SLOTTED CASING	7.000	J55	23.00		6,468.9	8,776.0	6450.0	8757.2
GUIDE SHOE	7.000	J55	23.00		8,776.0	8,777.0	8757.2	8758.2

TUBING STRING				Well: 328-2B		S/T/R: 2/31S/23E	
Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL		
TH-DBB	28.0	28.8	28.0	28.7	-----		
FATNIP	28.8	29.4	28.7	29.4	Cond. Csg. Cmt Vol: Unknown		
TB GJNT	29.4	6,396.2	29.4	6377.5	Hole Size: 20"		
PKR	6,396.2	6,401.4	6377.5	6382.6	Casing Size: 20"		
TB GJNT	6,401.4	8,583.4	6382.6	8564.6	Top Job: No		
STNIP	8,583.4	8,584.5	8564.6	8565.7	Rtns to Sfc: Unknown		
PUPJNT	8,584.5	8,586.8	8565.7	8568.0	TOC: 28'		

ROD STRING						
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD		
POLRDL	0.0	42.0	0.0	42.0	Surface Csg. Cmt Vol: 926 cf	
PNYROD	42.0	50.0	42.0	50.0	Class 'C' Lead Cement: 713 cf	
R-4PER	50.0	3,500.0	50.0	3500.0	Yield: 2.18, Density: 12.4 ppg.	
R-4PER	3,500.0	5,540.0	3500.0	5528.7	Class 'C' Tail Cement: 213 cf	
R-6PER	5,540.0	6,200.0	5528.7	6181.8	Yield: 1.72 Density: 13.5 ppg.	
R-4PER	6,200.0	7,940.0	6181.8	7921.2	Hole Size: 14.75"	
R-6PER	7,940.0	8,540.0	7921.2	8521.2	Casing Size: 10.75"	
STG3P	8,540.0	8,544.0	8521.2	8525.2	Top Job: No	
INSPMP	8,544.0	8,584.0	8525.2	8565.2	Rtns to Sfc: Yes (34 Bbls)	

TTOC: 28'			-----		
			Prod Csg. Cmt Vol: 2284 cf		
			Class 'G' Lead Cement: 2021 cf		
			Yield: 1.87, Density: 12.4 ppg.		
			Class 'G' Tail Cement: 263 cf		
			Yield: 1.16, Density: 15.8 ppg.		
			Hole Size: 9.875"		
			Casing Size: 7"		
			Top Job: No		
			Rtns to Sfc: Yes (14 Bbls)		
			TTOC: 28'		

			Screen/Slotted Liner Cmt Vol: NA cf		
			Hole Size: NA		
			Casing Size: NA		
			Top Job: NA		
			Rtns to Sfc: NA		
			TTOC: NA		

			Cavity Shot: None		
			Junk: None		

Formation Name	MD(ft)	TVD(ft)
AMNICOLA	590.2	590.2
AMNICOLA_BASE	610.6	610.6
SANJOAQUIN	1,147.8	1,147.8

Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)

R. Aguilar Date: 11/2022

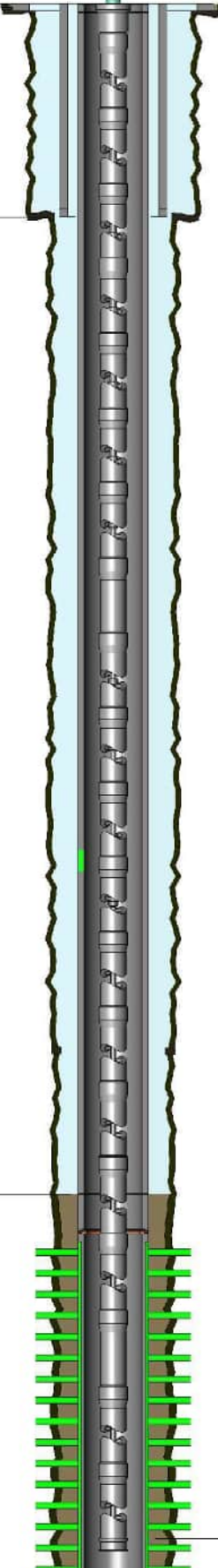
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 7/20/2018

333-2B

Ground Level: 1,093.8ft
 Datum: Original DF @ 1,118.80ft (Air Gap = 25')(default)
 KB: 25.0ft
 API-10: 0403053266

Wellbore: ORIGINAL HOLE
 PBMD: 8,717.0ft
 Btm TMD: 8,742.0ft
 Spud Date/Time: 3/15/2014
 BH Coord X: 6,120,448.94usft
 BH Coord Y: 2,285,366.58usft

Cement Depths - MD, TVD (ft)	Schematic (7/20/2018)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
25.0ft 25.0ft (TOC) 25.0ft 25.0ft (TOC)			20" Hole	25.0	65.0		
			14.75" Hole	65.0	1,200.0		1,200.0
			10.625" Hole	1,200.0	5,800.0	1,200.0	5,791.6
			9.875" Hole	5,800.0	8,742.0	5,791.6	8,730.7
1200.0ft 1200.0ft			CONDUCTOR CASING Report Date: 3/13/2014 00:00				
			Item	OD(in)	Grade	Wt. (ppf)	Connection
			Casing	20.000			25.0
							65.0
			SURFACE CASING Report Date: 3/16/2014 00:00				
			Item	OD(in)	Grade	Wt. (ppf)	Connection
			Casing	10.750	K-55	40.50	25.0
			Float Collar	10.750	K-55	40.50	1,158.0
			PRODUCTION CASING Report Date: 3/26/2014 00:00				
			Item	OD(in)	Grade	Wt. (ppf)	Connection
			LANDING MANDREL	7.000	N-80	26.00	25.0
			Casing	7.000	N-80	26.00	29.7
			TUBING STRING				
			Component	Top MD	Btm MD	Top TVD	BTM TVD
			TH-DBB	25.0	25.6	25.0	25.6
			FATNIP	25.6	26.3	25.6	26.3
			ROD STRING				
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD
			POLROD	0.0	36.0	0.0	36.0
			PNYROD	36.0	60.0	36.0	60.0
			Casing Cement Detail				
			Well: 333-2B S/T/R: 2/31S/23E				
			Casing Cement Detail				
			Cond. Csg. Cmt Vol: Unknown				
			Surface Csg. Cmt Vol: 876 cf				
			Class 'C' Lead Cement: 674 cf				
			Yield: 2.18, Density: 12.4 ppg.				
			Class 'C' Tail Cement: 202 cf				
			Prod. Csg. Cmt Vol: 2572 cf				
			Class 'G' Lead Cement: 2422cf				
			Yield: 1.95, Density: 12.0 ppg.				
			Class 'G' Tail Cement: 150 cf				
			Screen/Slotted Liner Cmt Vol: NA cf				
			Hole Size: NA				
			Casing Size: NA				
			Top Job: NA				
			Cavity Shot: None				
			Junk: None				
			Volume Behind Pipe:				
			Assumed Yield: 1.15				
			Theoretical Calculations (TTOC)				
			R. Aguilar				
			Date: 11/2022				

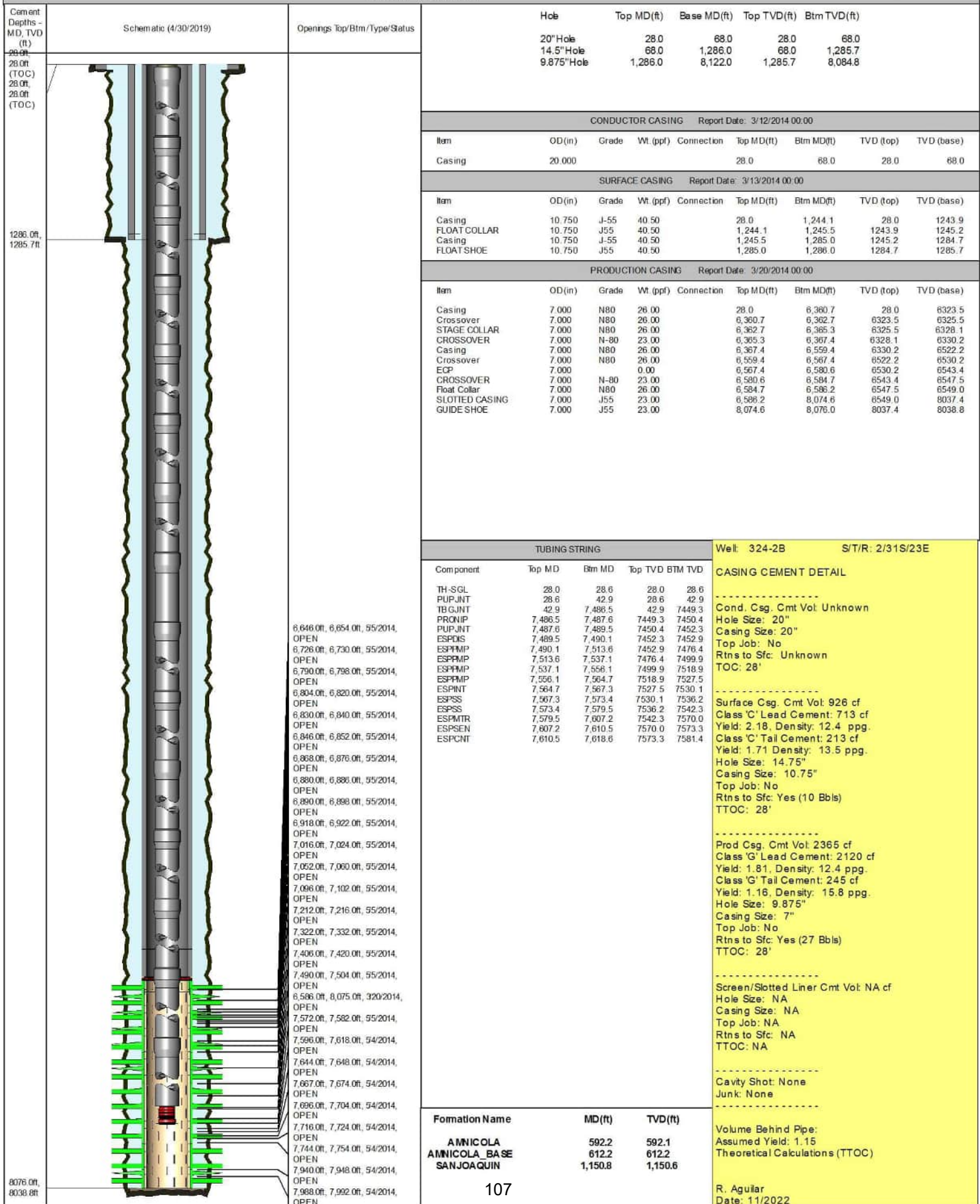
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 4/30/2019

324-2B

Ground Level: 1,089.7ft
 Datum: Original DF @ 1,117.70ft(default)
 KB: 28.0ft
 API-10: 0403053267

Wellbore: ORIGINAL HOLE
 PBMD: 8,074.0ft
 Btm TMD: 8,122.0ft
 Spud Date/Time: 3/12/2014
 BH Coord X: 6,119,619.14usft
 BH Coord Y: 2,284,652.73usft



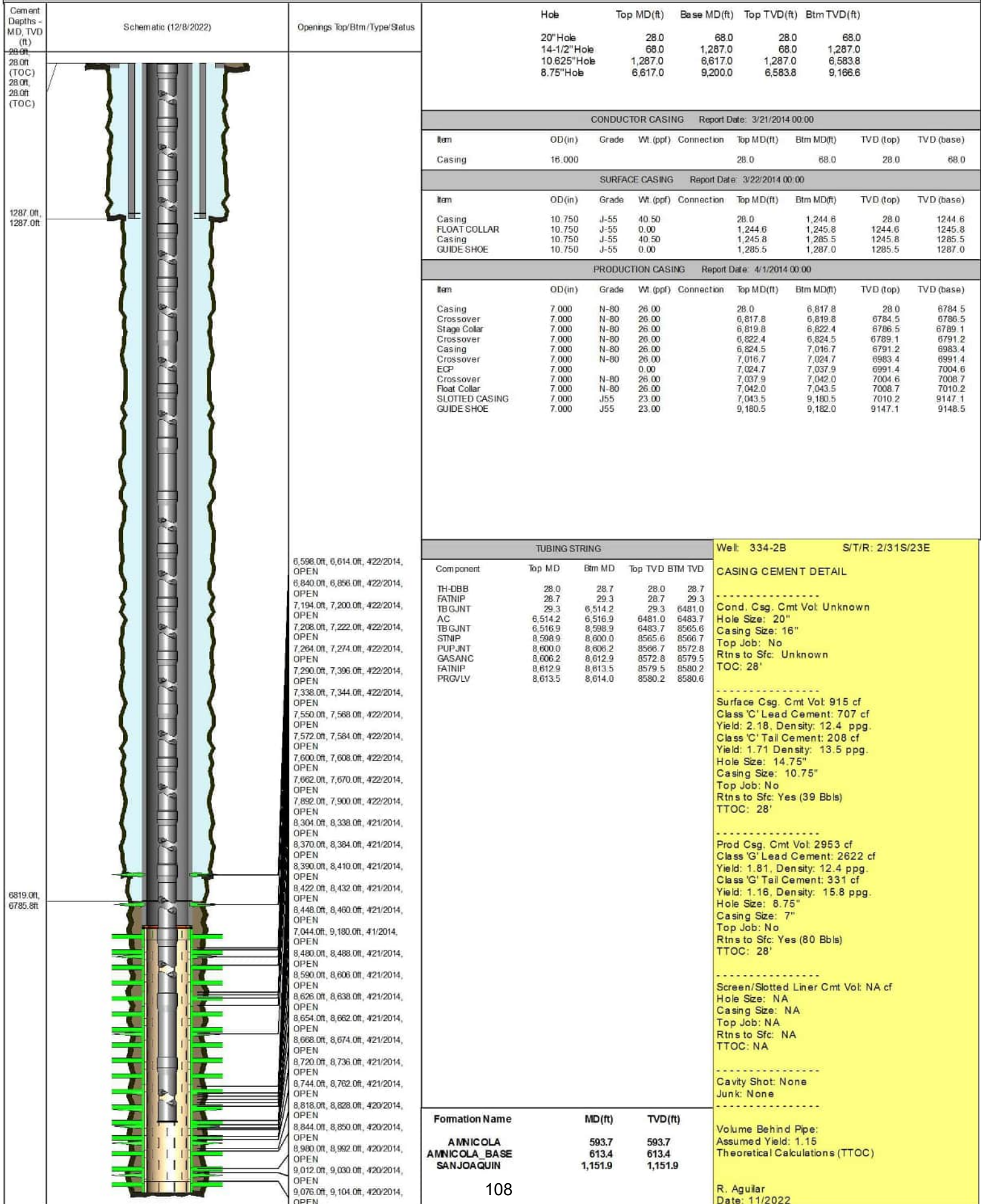
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 02B
End Status: ACTIVE
Status date: 12/8/2022

334-2B

Ground Level: 1,089.7ft
Datum: Original DF @ 1,117.70ft(default)
KB: 28.0ft
API-10: 0403053555

Wellbore: ORIGINAL HOLE
PBMD: 9,180.0ft
Btm TMD: 9,200.0ft
Spud Date/Time: 3/21/2014
BH Coord X: 6,120,344.49usft
BH Coord Y: 2,284,750.70usft



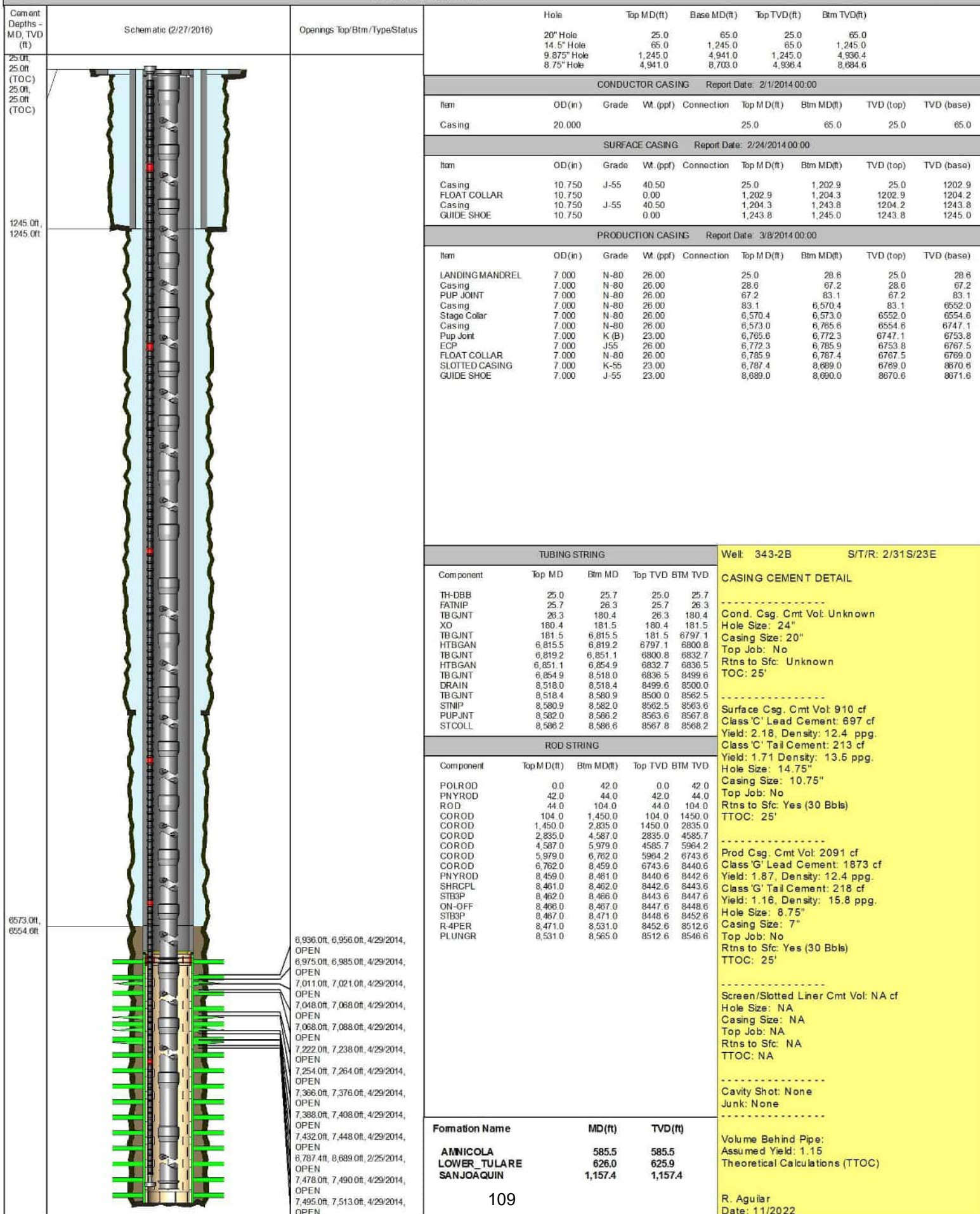
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 2/27/2016

343-2B

Ground Level: 1,093.6ft
 Datum: Original DF @ 1,118.60ft (default)
 KB: 25.0ft
 API-10: 0403053798

Wellbore: ORIGINAL HOLE
 PBMD: 8,690.0ft
 Btm TMD: 8,703.0ft
 Spud Date/Time: 2/24/2014
 BH Coord X: 6,121,072.15usft
 BH Coord Y: 2,285,387.44usft



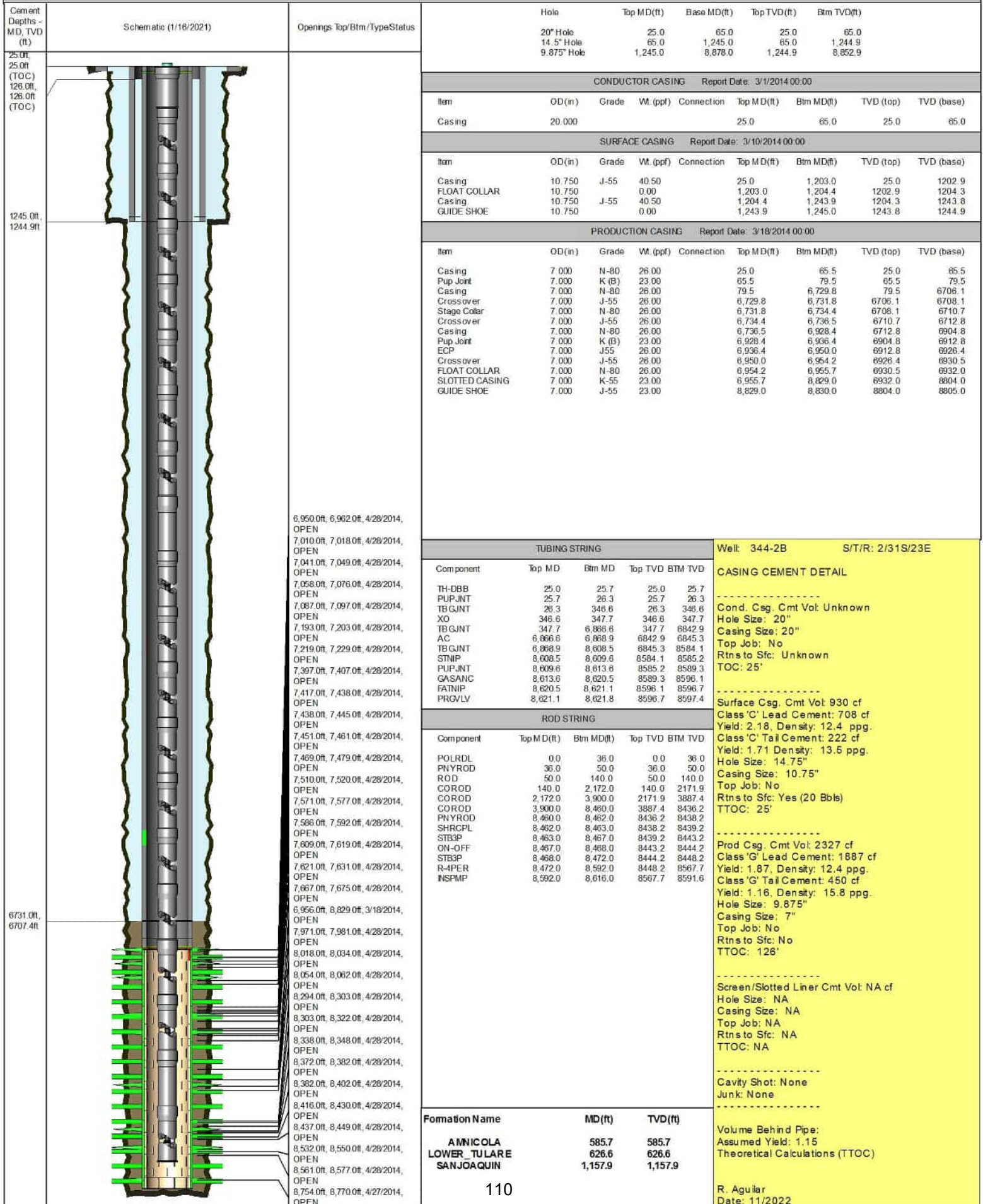
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 1/16/2021

344-2B

Ground Level: 1,093.6ft
 Datum: Original DF @ 1,118.60ft (default)
 KB: 25.0ft
 API-10: 0403054127

Wellbore: ORIGINAL HOLE
 PBMD: 8,829.0ft
 Btm TMD: 8,878.0ft
 Spud Date/Time: 3/9/2014
 BH Coord X: 6,121,077.32usft
 BH Coord Y: 2,284,777.37usft



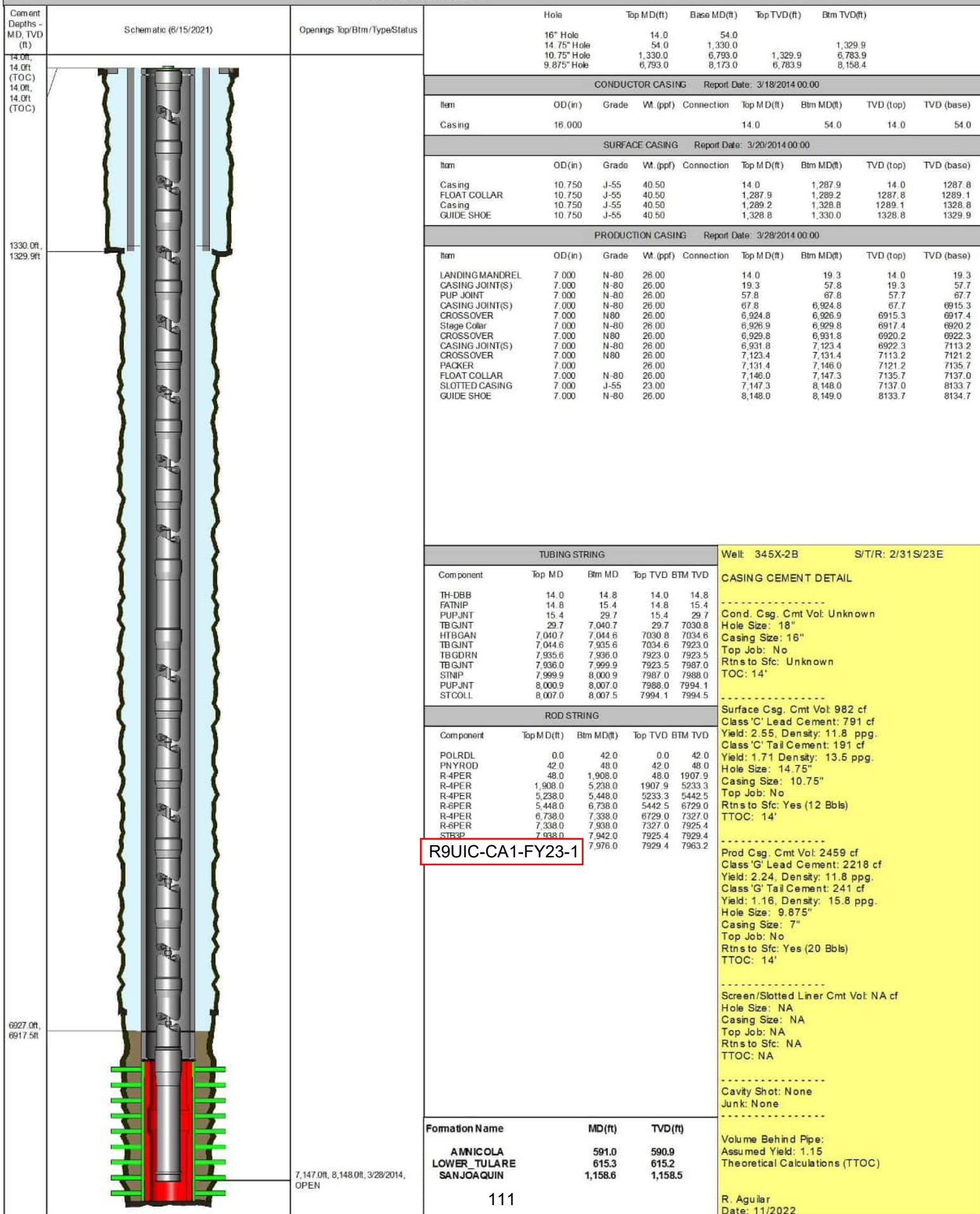
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 6/15/2021

345X-2B

Ground Level: 1,054.4ft
 Datum: Original DF @ 1,068.40ft (Air Gap = 14')(default)
 KB: 14.0ft
 API-10: 0403054128

Wellbore: ORIGINAL HOLE
 PBMD: 8,148.0ft
 Btm TMD: 8,173.0ft
 Spud Date/Time: 3/19/2014
 BH Coord X: 6,120,781.80usft
 BH Coord Y: 2,284,180.25usft



R9UIC-CA1-FY23-1

7,147.0ft, 8,148.0ft, 3/28/2014,
 OPEN

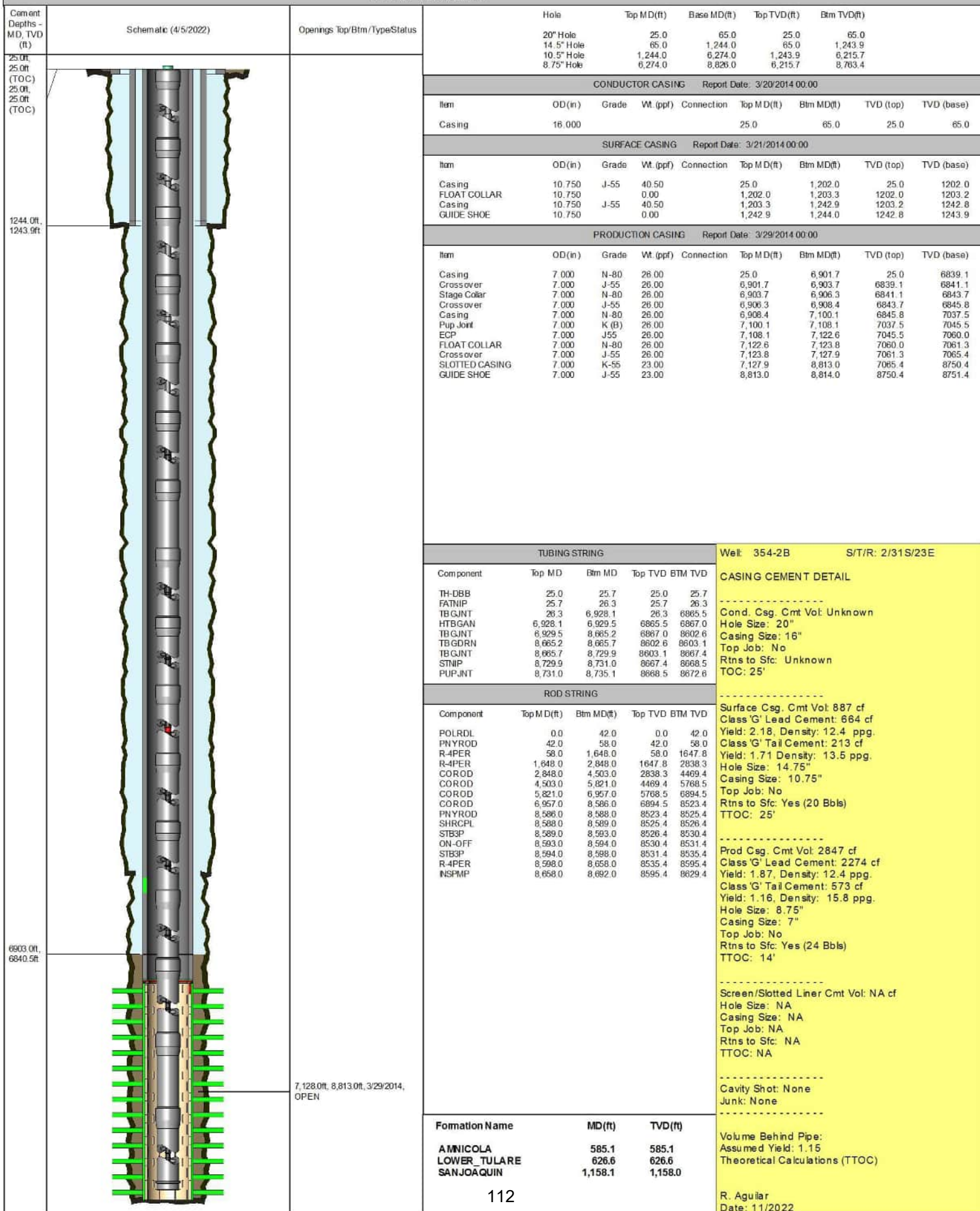
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 4/5/2022

354-2B

Ground Level: 1,093.6ft
 Datum: Original DF @ 1,118.60ft (default)
 KB: 25.0ft
 API-10: 0403054129

Wellbore: ORIGINAL HOLE
 PBMD: 8,813.0ft
 Btm TMD: 8,826.0ft
 Spud Date/Time: 3/21/2014
 BH Coord X: 6,121,766.10usft
 BH Coord Y: 2,284,723.63usft



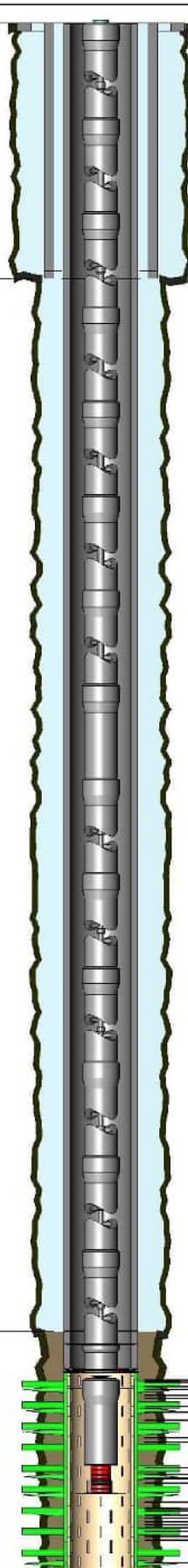
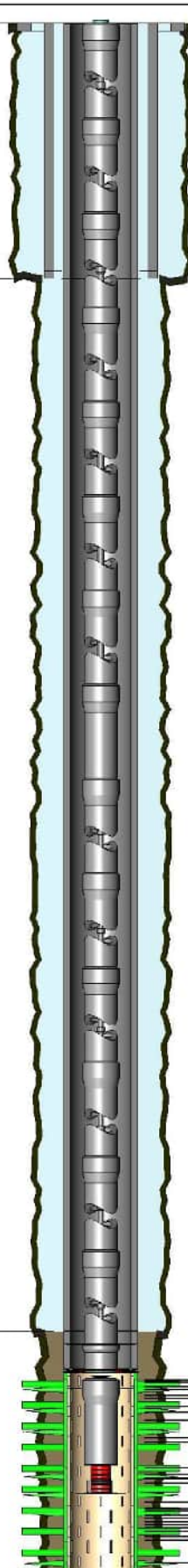
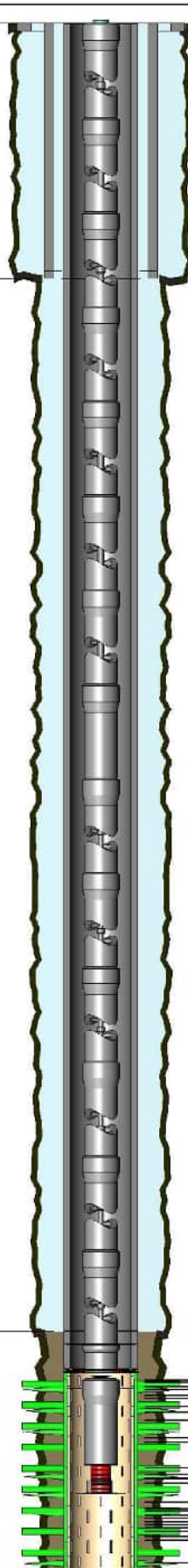
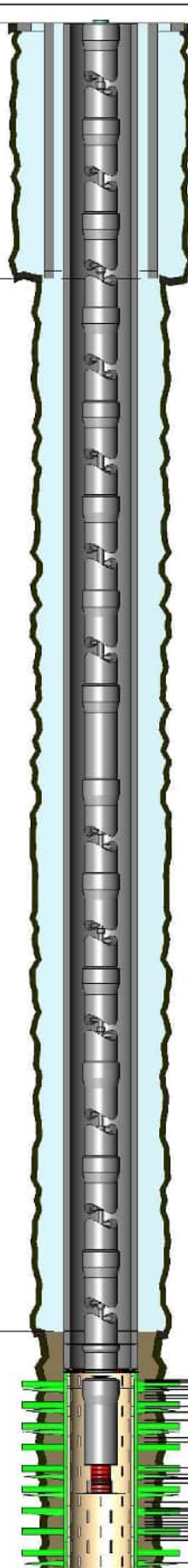
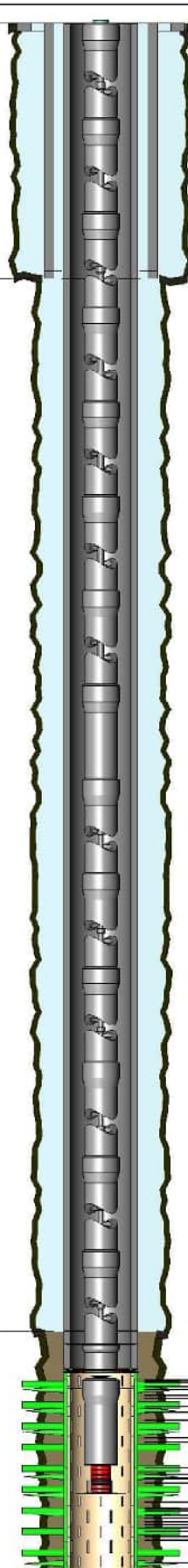
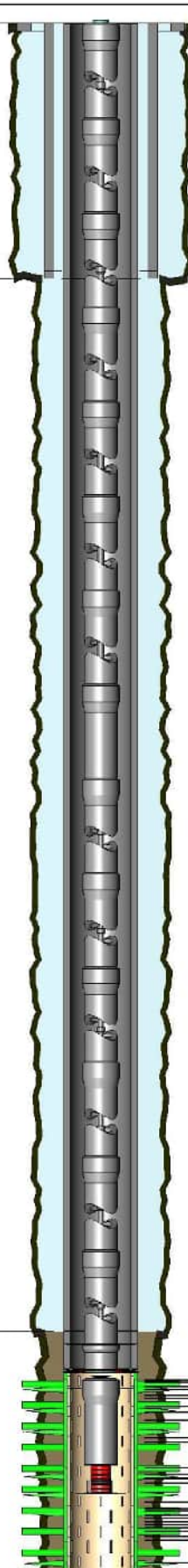
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 02B
Well Status: ACTIVE
Status date: 4/28/2022

355-2B

Ground Level: 1,071.2ft
Datum: Original DF @ 1,085.20ft (default)
KB: 14.0ft
API-10: 0403054130

Wellbore: ORIGINAL HOLE
PBMD: 8,024.0ft
Btm TMD: 8,035.0ft
Spud Date/Time: 3/8/2014
BH Coord X: 6,121,628.49usft
BH Coord Y: 2,283,997.02usft

Cement Depths - MD, TVD (ft)	Schematic (4/28/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
14.0ft, 14.0ft (TOC) 14.0ft, 14.0ft (TOC)			16" Hole	14.0	54.0						
			14.75" Hole	54.0	1,327.0		1,327.0				
			10.75" Hole	1,327.0	6,741.0	1,327.0	6,727.8				
			9.875" Hole	6,741.0	8,035.0	6,727.8	8,018.4				
			CONDUCTOR CASING Report Date: 3/8/2014 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000				14.0	54.0	14.0	54.0
			SURFACE CASING Report Date: 3/9/2014 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	J-55	40.50		14.0	1,285.2	14.0	1285.1
1327.0ft, 1327.0ft			FLOAT COLLAR	10.750	J-55	40.50		1,285.2	1,286.4	1285.1	1286.4
			Casing	10.750	J-55	40.50		1,286.4	1,326.0	1286.4	1326.0
			GUIDE SHOE	10.750	J-55	40.50		1,326.0	1,327.0	1326.0	1326.9
			PRODUCTION CASING Report Date: 3/17/2014 00:00								
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			LANDING MANDREL	7.000	N-80	26.00		14.0	18.9	14.0	18.9
			CASING JOINT(S)	7.000	N-80	26.00		18.9	6,723.6	18.9	6710.5
			Stage Collar	7.000	N-80	26.00		6,723.6	6,726.2	6710.5	6713.1
			CASING JOINT(S)	7.000	N-80	26.00		6,726.2	6,918.0	6713.1	6904.3
			CROSSOVER	7.000	N80	26.00		6,918.0	6,926.0	6904.3	6912.2
			PACKER	7.000		26.00		6,926.0	6,940.5	6912.2	6926.7
			FLOAT COLLAR	7.000	N-80	26.00		6,940.5	6,942.0	6926.7	6928.2
			SLOTTED CASING	7.000	J-55	23.00		6,942.0	8,024.0	6928.2	8007.4
			GUIDE SHOE	7.000	N-80	26.00		8,024.0	8,025.0	8007.4	8008.4
			TUBING STRING								
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 355-2B S/T/R: 2/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 20" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 14' ----- Surface Csg. Cmt Vol: 993 cf Class 'C' Lead Cement: 752 cf Yield: 2.55, Density: 11.8 ppg. Class 'C' Tail Cement: 241 cf Yield: 1.71, Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: No Rtns to Sfc: Yes (19 Bbls) TTOC: 14' ----- Prod Csg. Cmt Vol: 2752 cf Class 'G' Lead Cement: 2499 cf Yield: 2.25, Density: 11.8 ppg. Class 'G' Tail Cement: 253 cf Yield: 1.16, Density: 15.8 ppg. Hole Size: 9.875" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (24 Bbls) TTOC: 14' ----- Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) ----- R. Aguilar Date: 11/2022			
			TH-DBB	14.0	14.7	14.0	14.7				
			FATNIP	14.7	15.3	14.7	15.3				
			TB GJNT	15.3	6,790.4	15.3	6777.1				
			AC	6,790.4	6,793.6	6777.1	6780.3				
			TB GJNT	6,793.6	6,923.6	6780.3	6909.8				
			STNIP	6,923.6	6,924.7	6909.8	6910.9				
			XO	6,924.7	6,925.2	6910.9	6911.4				
			PUPJNT	6,925.2	6,929.3	6911.4	6915.5				
			VABEQ	6,929.3	6,936.0	6915.5	6922.2				
		FATNIP	6,936.0	6,936.7	6922.2	6922.9					
		PRG/LV	6,936.7	6,937.6	6922.9	6923.8					
			MECHANICAL ITEM								
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD				
			FISH	6,955.0	6,968.0	6941.1	6954.1				
			TB GJNT	6,968.0	7,406.8	6954.1	7391.7				
			PRONIP	7,406.8	7,407.9	7391.7	7392.8				
			PUPJNT	7,407.9	7,412.2	7392.8	7397.1				
			XO	7,412.2	7,413.3	7397.1	7398.2				
			ESPDIS	7,413.3	7,413.8	7398.2	7398.7				
			ESPPMP	7,413.8	7,437.3	7398.7	7422.2				
			ESPPMP	7,437.3	7,460.9	7422.2	7445.6				
			ESPPMP	7,460.9	7,484.4	7445.6	7469.1				
			ESPPMP	7,484.4	7,497.7	7469.1	7482.4				
			ESPINT	7,497.7	7,500.3	7482.4	7485.0				
			ESPSS	7,500.3	7,506.4	7485.0	7491.1				
			ESPSS	7,506.4	7,512.5	7491.1	7497.1				
			ESPMTR	7,512.5	7,533.4	7497.1	7517.9				
			ESPMTR	7,533.4	7,554.2	7517.9	7538.7				
			ESPSVY	7,554.2	7,567.0	7538.7	7541.5				
			ESPCNT	7,567.0	7,561.6	7541.5	7546.1				
			ROD STRING								
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD					
		POLRDL	0.0	36.0	0.0	36.0					
		PNYROD	36.0	48.0	36.0	48.0					
		ROD	48.0	1,938.0	48.0	1937.9					
		R-4PER	1,938.0	3,648.0	1937.9	3645.0					
		R-4PER	3,648.0	6,888.0	3645.0	6874.4					
		STB3P	6,888.0	6,892.0	6874.4	6878.4					
		NSPMP	6,892.0	6,922.0	6878.4	6908.2					
6726.0ft, 6712.9ft			Formation Name	MD(ft)	TVD(ft)						
			AMNICOLA	597.6	597.6						
			LOWER TULARE	635.0	635.0						
			SANJOAQUIN	1,172.6	1,172.6						

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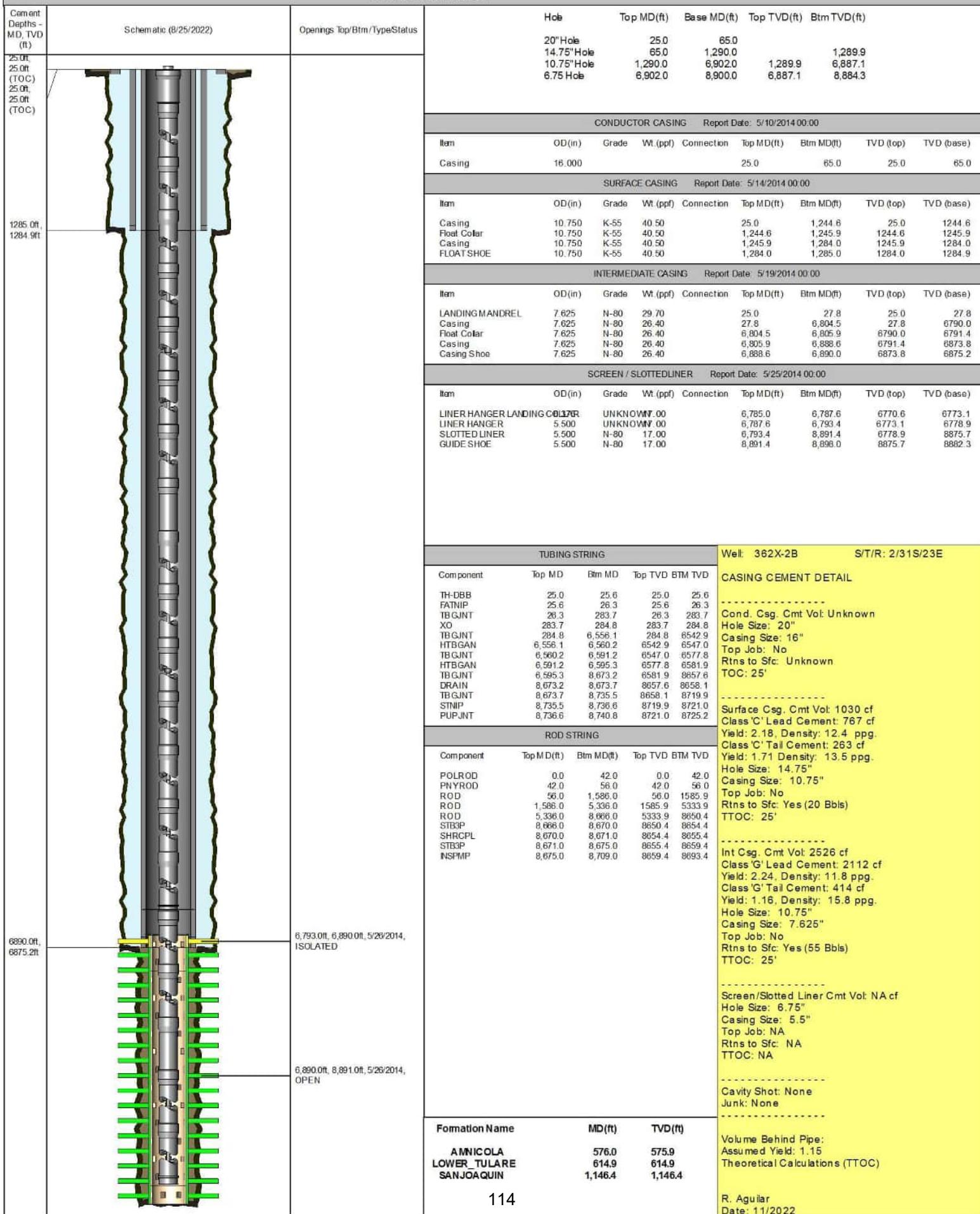
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 8/25/2022

362X-2B

Ground Level: 1,135.6ft
 Datum: Original DF @ 1,160.60ft (default)
 KB: 25.0ft
 API-10: 0403054131

Wellbore: ORIGINAL HOLE
 PBMD: 8,891.0ft
 Btm TMD: 8,900.0ft
 Spud Date/Time: 5/13/2014
 BH Coord X: 6,122,286.83usft
 BH Coord Y: 2,285,838.18usft



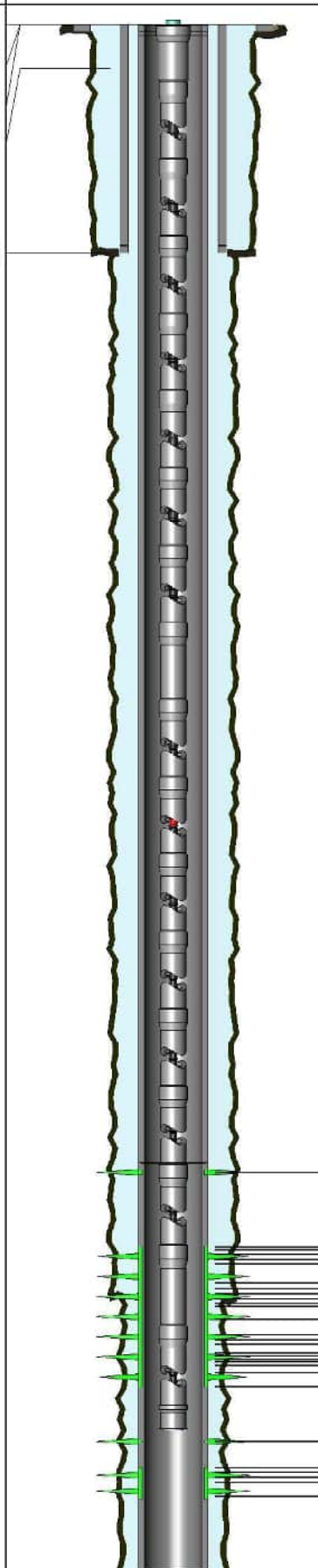
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 9/20/2022

363-2B

Ground Level: 1,123.7ft
 Datum: Original DF @ 1,148.70ft (H&P 261 Air Gap 25')(default)
 KB: 25.0ft
 API-10: 0403054132

Wellbore: ORIGINAL HOLE
 PBMD: 8,826.0ft
 Btm TMD: 8,920.0ft
 Spud Date/Time: 5/12/2014
 BH Coord X: 6,122,360.32usft
 BH Coord Y: 2,285,041.95usft

Cement Depths - MD, TVD (ft)	Schematic (9/20/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
25.0ft 25.0ft (TOC) 25.0ft 25.0ft (TOC) 25.0ft 25.0ft (TOC) 275.0ft 275.0ft			20"Hole	25.0	65.0	25.0	65.0				
1326.0ft 1326.0ft			14.75"Hole	65.0	1,326.0	65.0	1,326.0				
			10-1/2"Hole	1,326.0	7,276.0	1,326.0	7,262.3				
			8.75"Hole	7,276.0	8,920.0	7,262.3	8,906.2				
PRE-SET CONDUCTOR Report Date: 5/11/2014 00:00											
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	20.000				25.0	65.0	25.0	65.0
SURFACE CASING Report Date: 5/13/2014 00:00											
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	10.750	J-55	40.50		25.0	1,284.1	25.0	1,284.1
			Float Collar	10.750	J-55	40.50		1,284.1	1,285.4	1,284.1	1,285.4
			Casing	10.750	J-55	40.50		1,285.4	1,325.0	1,285.4	1,325.0
			Casing Shoe	10.750	J-55	40.50		1,325.0	1,326.0	1,325.0	1,326.0
PRODUCTION CASING Report Date: 5/22/2014 00:00											
			Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			LANDING MANDREL	7.000	N-80	26.00		25.0	29.7	25.0	29.7
			Casing	7.000	N-80	26.00		29.7	68.2	29.7	68.2
			Casing	7.000	N-80	26.00		68.2	88.3	68.2	88.3
			Casing	7.000	N-80	26.00		88.3	8,824.6	88.3	8,810.8
			Float Collar	7.000	N-80	26.00		8,824.6	8,826.0	8,810.8	8,812.2
			Casing	7.000	N-80	26.00		8,826.0	8,904.6	8,812.2	8,890.8
			FLOAT SHOE	7.000	N-80	26.00		8,904.6	8,906.0	8,890.8	8,892.2
TUBING STRING								Well: 363-2B S/T/R: 2/31S/23E			
Casing Cement Detail								Cond. Csg. Cmt Vol: Unknown			
Hole Size: 24"								Casing Size: 20"			
Top Job: No								Rtns to Sfc: Unknown			
TOC: 25'								Surface Csg. Cmt Vol: 1108 cf			
Class 'II-V' Lead Cement: 836 cf								Yield: 1.15, Density: 11.8 ppg.			
Class 'II-V' Tail Cement: 273 cf								Yield: 1.15 Density: 13.5 ppg.			
Hole Size: 14.75"								Casing Size: 10.75"			
Top Job: Yes (50 cf)								Rtns to Sfc: Yes (Unknown Bbls)			
TTOC: 25'								Prod Csg. Cmt Vol: 2791 cf			
Class 'G' Lead Cement: 2205 cf								Yield: 1.15, Density: 11.8 ppg.			
Class 'G' Tail Cement: 589 cf								Yield: 1.15, Density: 15.8 ppg.			
Hole Size: 8.75"								Casing Size: 7"			
Top Job: No								Rtns to Sfc: Yes (12 Bbls)			
TTOC: 25'								Screen/Slotted Liner Cmt Vol: NA cf			
Hole Size: NA								Casing Size: NA			
Top Job: NA								Rtns to Sfc: NA			
TTOC: NA								Cavity Shot: None			
Junk: None								Volume Behind Pipe:			
								Assumed Yield: 1.15			
								Theoretical Calculations (TTOC)			
								I. Aburto			
								Date: 11/2022			

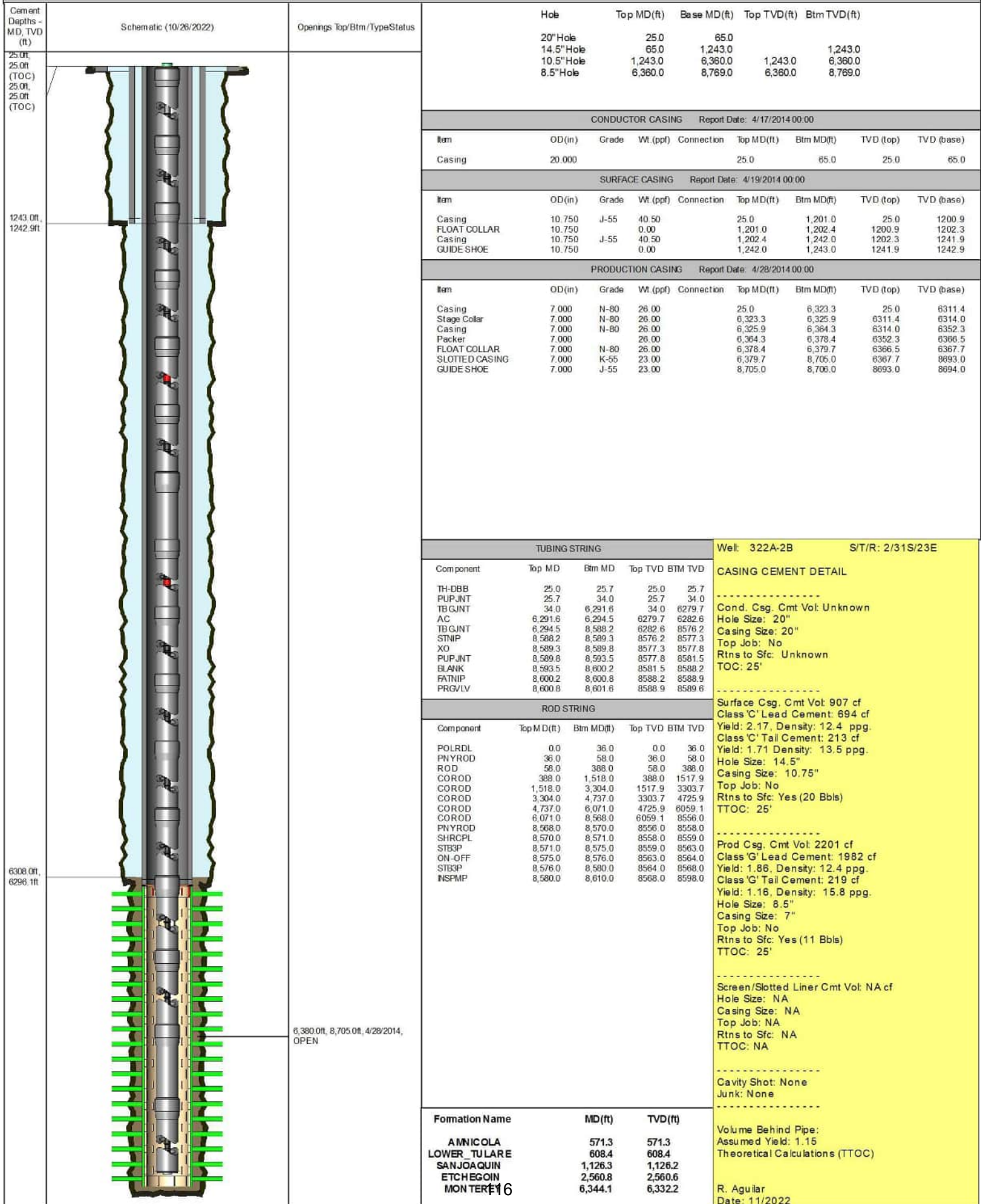
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 10/26/2022

322A-2B

Ground Level: 1,131.8ft
 Datum: Original DF @ 1,156.80ft (default)
 KB: 25.0ft
 API-10: 0403054377

Wellbore: ORIGINAL HOLE
 PBMD: 8,705.0ft
 Btm TMD: 8,769.0ft
 Spud Date/Time: 4/18/2014
 BH Coord X: 6,119,729.41usft
 BH Coord Y: 2,285,927.86usft



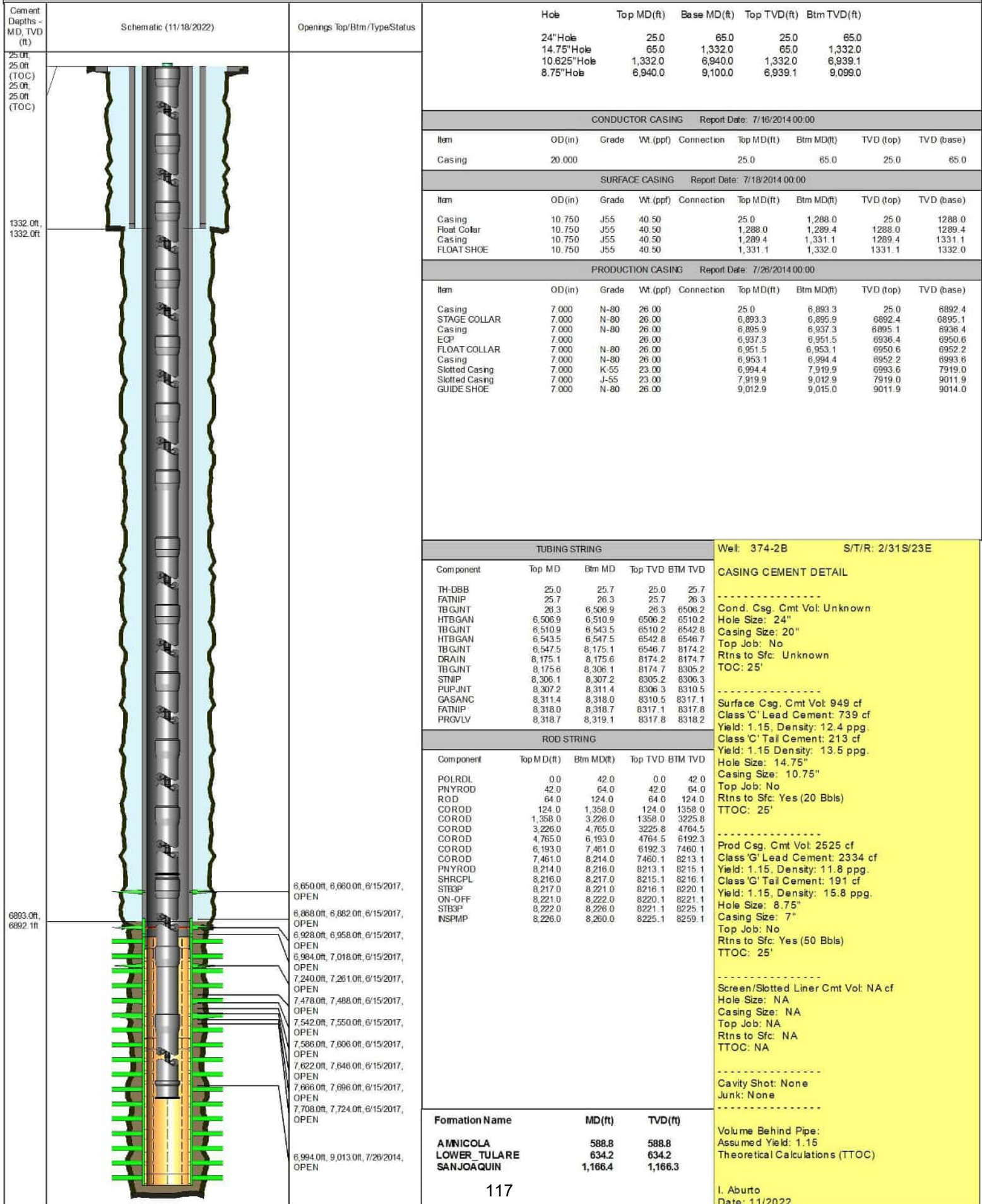
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 11/18/2022

374-2B

Ground Level: 1,108.3ft
 Datum: Original DF @ 1,133.30ft (default)
 KB: 25.0ft
 API-10: 0403054465

Wellbore: ORIGINAL HOLE
 PBMD: 9,002.0ft
 Btm TMD: 9,100.0ft
 Spud Date/Time: 7/17/2014
 BH Coord X: 6,123,077.11usft
 BH Coord Y: 2,284,970.56usft



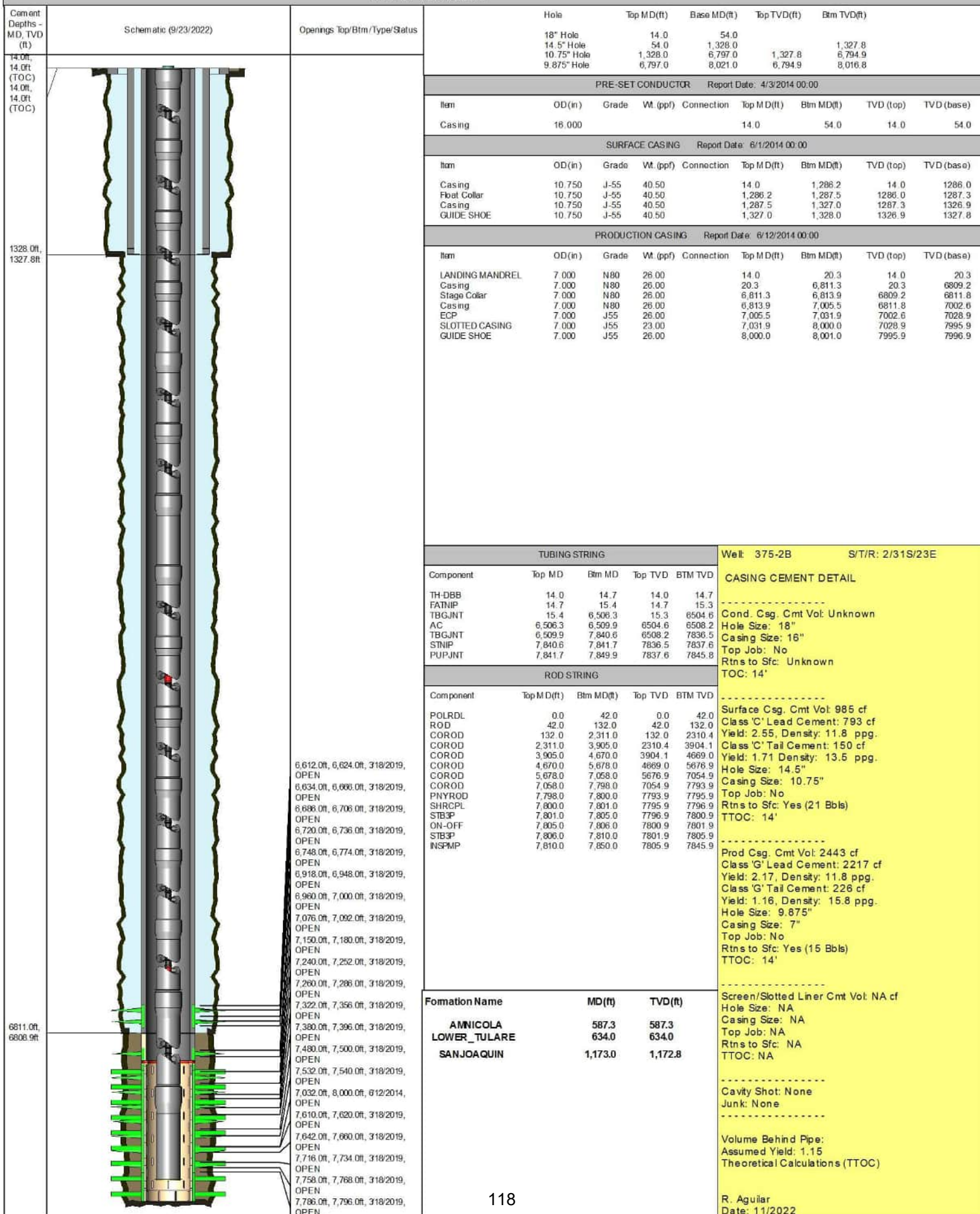
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 9/23/2022

375-2B

Ground Level: 1,089.6ft
 Datum: Original DF @ 1,103.60ft(default)
 KB: 14.0ft
 API-10: 0403054466

Wellbore: ORIGINAL HOLE
 PBMD: 8,000.0ft
 Btm TMD: 8,021.0ft
 Spud Date/Time: 6/1/2014
 BH Coord X: 6,123,134.06usft
 BH Coord Y: 2,284,378.89usft



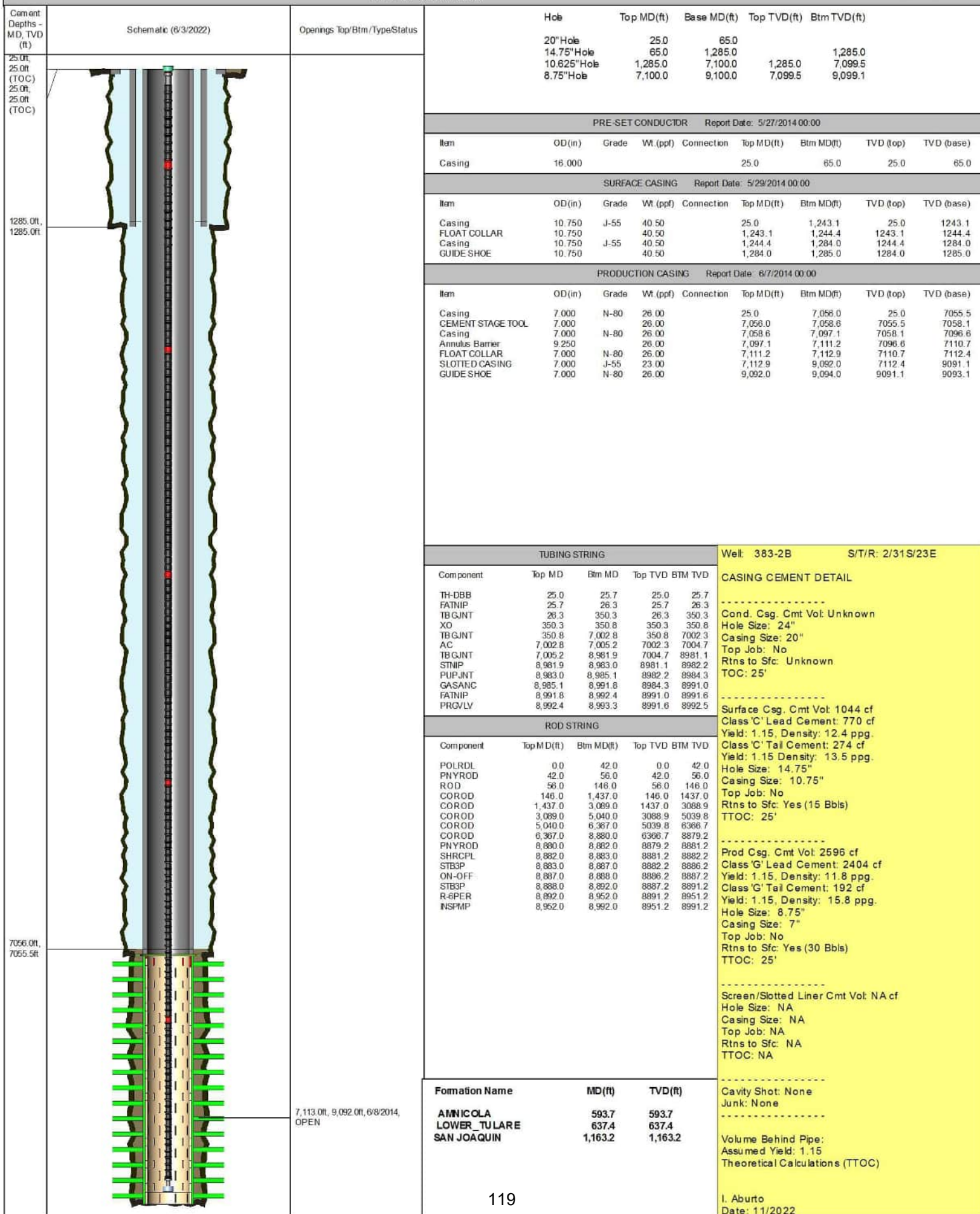
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 End date: 6/3/2022

383-2B

Ground Level: 1,143.0ft
 Datum: Original DF @ 1,167.98ft (default)
 KB: 25.0ft
 API-10: 0403054467

Wellbore: ORIGINAL HOLE
 PBMD: 9,092.0ft
 Btm TMD: 9,100.0ft
 Spud Date/Time: 5/28/2014
 BH Coord X: 6,123,441.36usft
 BH Coord Y: 2,285,479.14usft



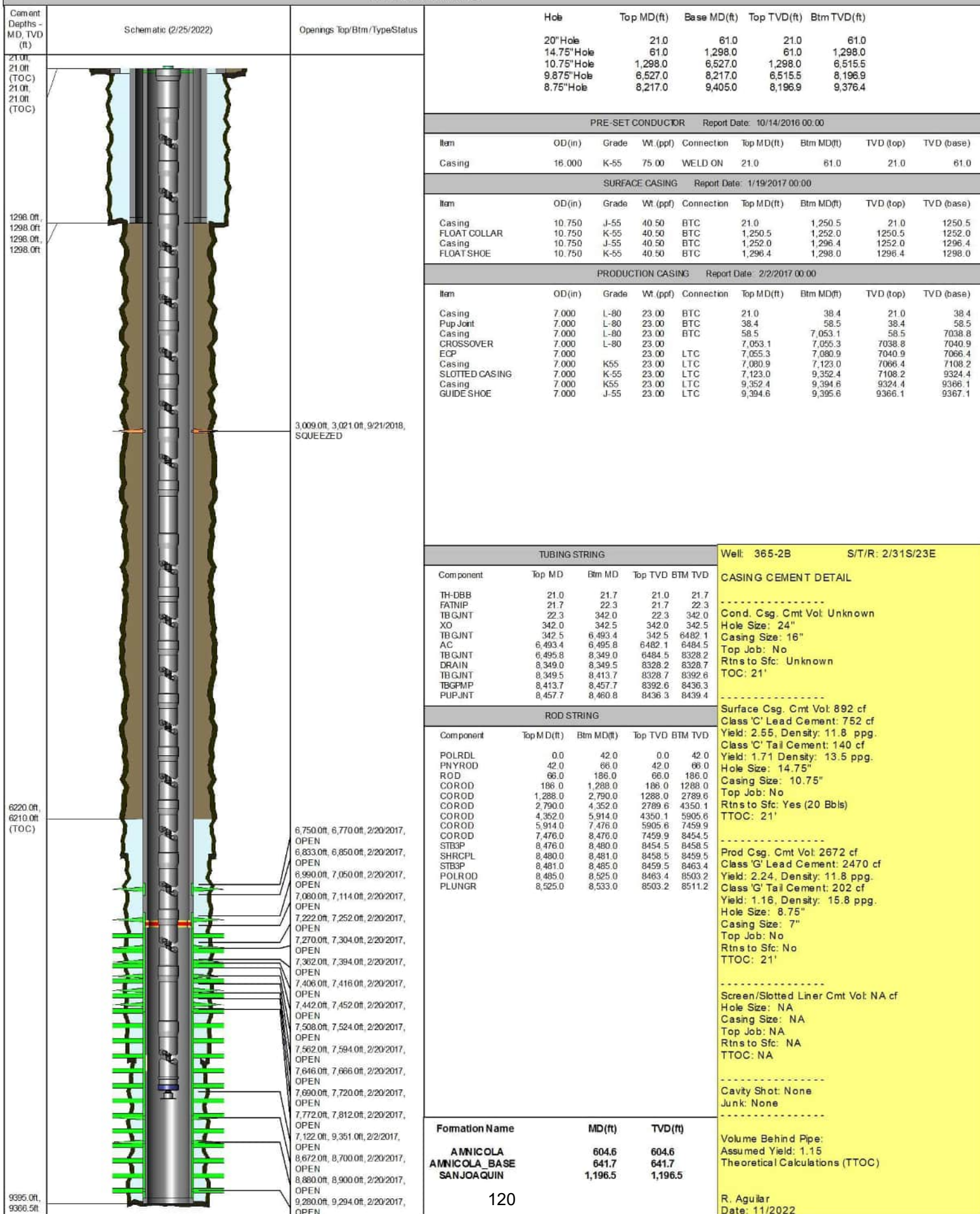
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 2/25/2022

365-2B

Ground Level: 1,010.5ft
 Datum: Original DF @ 1,031.51ft (KENAI 17 KB 21)(default)
 KB: 21.0ft
 API-10: 0403059757

Wellbore: ORIGINAL HOLE
 PBMD: 9,390.0ft
 Btm TMD: 9,405.0ft
 Spud Date/Time: 1/17/2017
 BH Coord X: 6,122,334.40usft
 BH Coord Y: 2,283,842.59usft



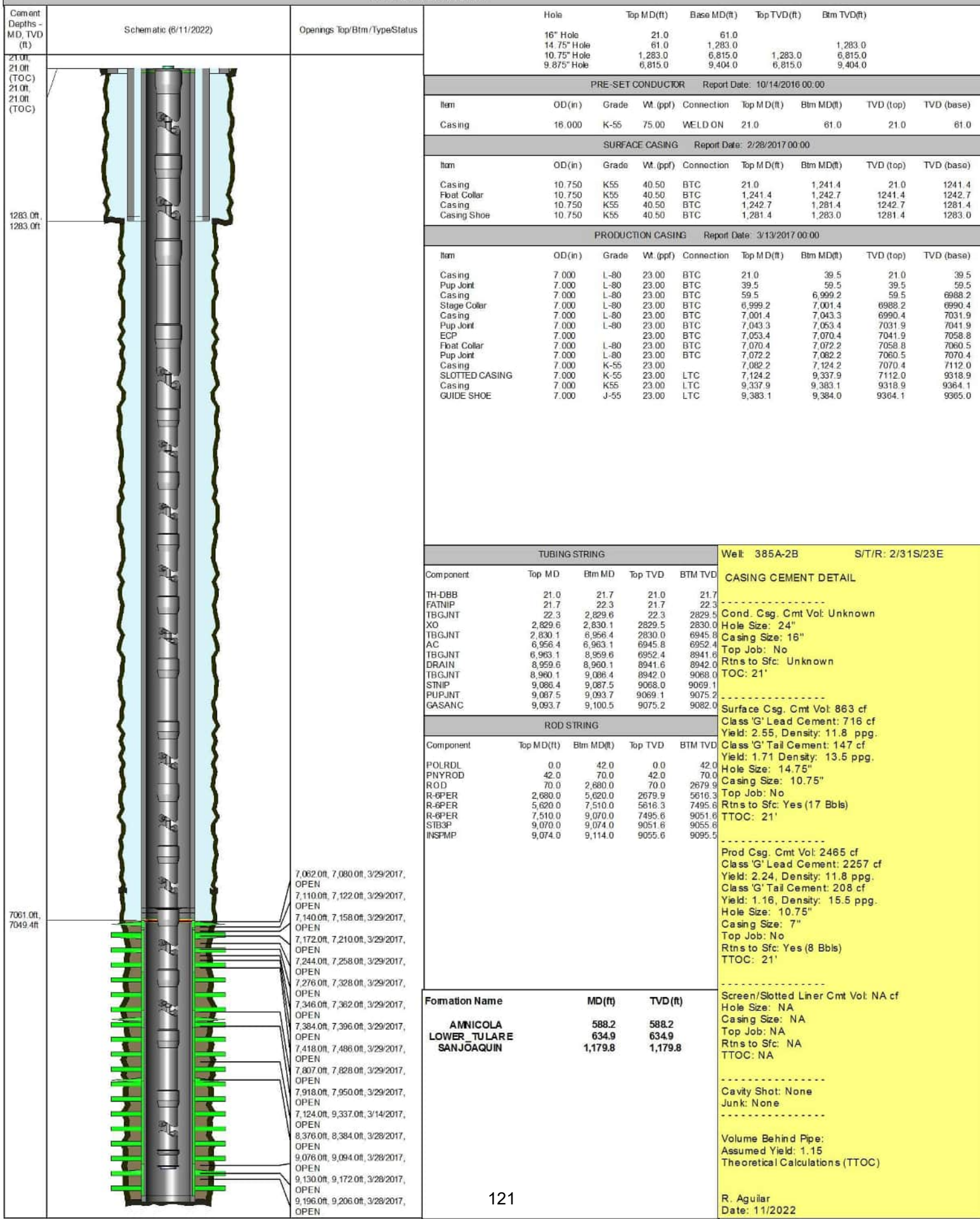
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 6/11/2022

385A-2B

Ground Level: 1,063.9ft
 Datum: Original DF @ 1,084.91ft (Kenai 17 KB 21)(default)
 KB: 21.0ft
 API-10: 0403059759

Wellbore: ORIGINAL HOLE
 PBMD: 9,383.0ft
 Btm TMD: 9,404.0ft
 Spud Date/Time: 2/27/2017
 BH Coord X: 6,123,612.03usft
 BH Coord Y: 2,283,696.63usft



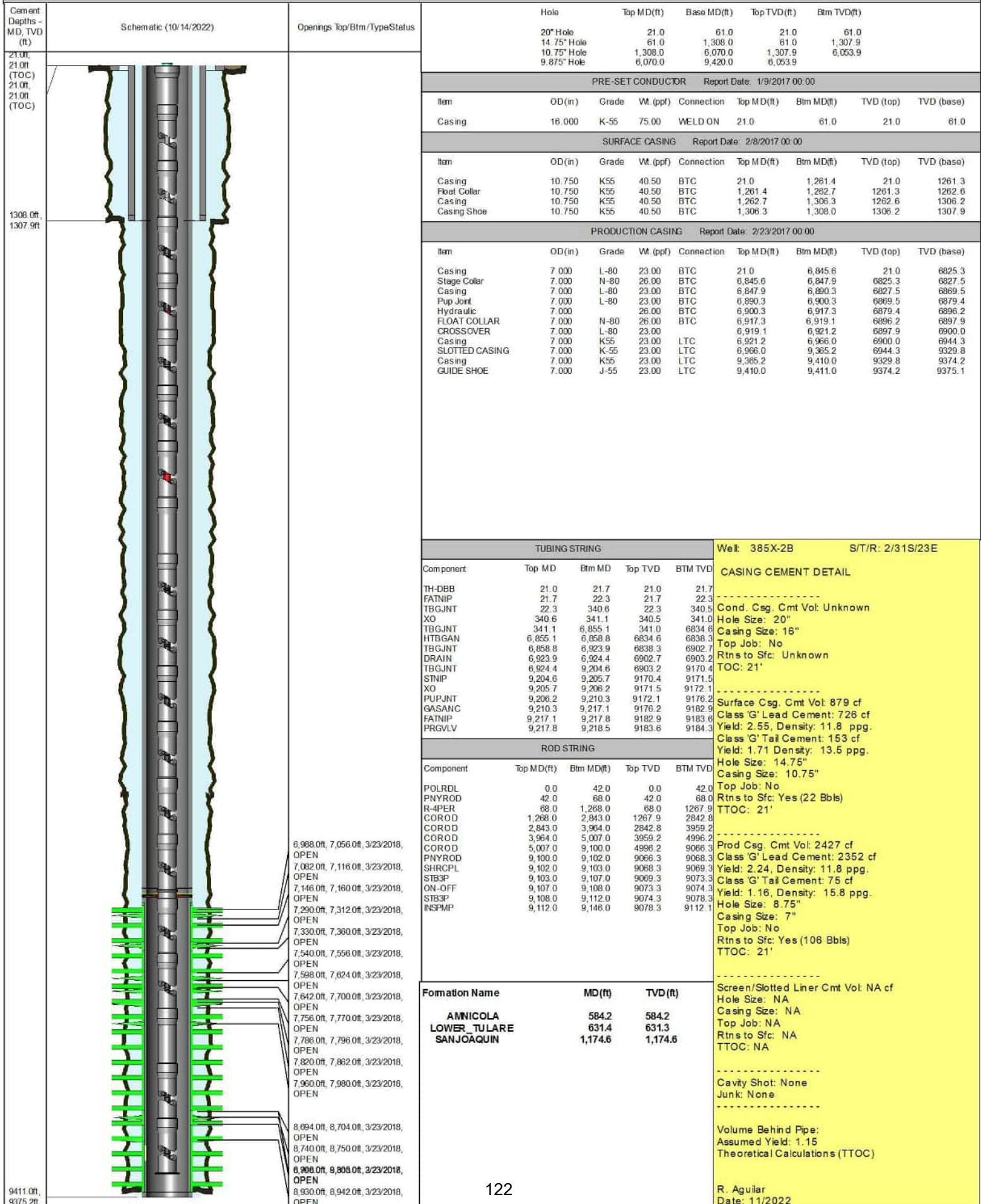
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 10/14/2022

385X-2B

Ground Level: 1,063.8ft
 Datum: Original DF @ 1,084.75ft (Kenai 17 KB 21)(default)
 KB: 21.0ft
 API-10: 0403062384

Wellbore: ORIGINAL HOLE
 PBMD: 9,410.0ft
 Btm TMD: 9,363.0ft
 Spud Date/Time: 2/6/2017
 BH Coord X: 6,123,746.87usft
 BH Coord Y: 2,284,532.34usft



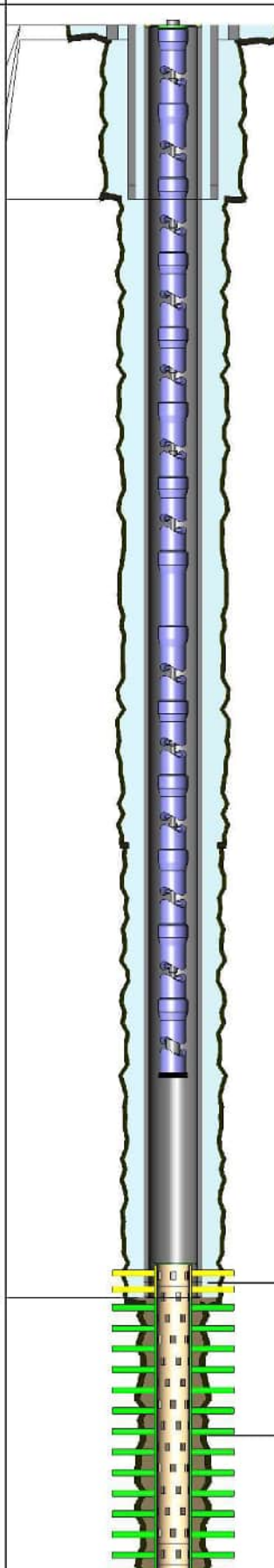
CALIFORNIA RESOURCES PRODUCTION CORPORATION

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 10/30/2019

66H-2B

Ground Level: 1,016.8ft
 Datum: Original DF @ 1,030.80ft (Ensign 536 - KB 14')(default)
 KB: 14.0ft
 API-10: 0403065610

Wellbore: ORIGINAL HOLE
 PBMD: 4,295.0ft
 Btm TMD: 4,298.0ft
 Spud Date/Time: 2/26/2019
 BH Coord X: 6,122,741.72usft
 BH Coord Y: 2,283,097.31usft

Cement Depths - MD, TVD (ft)	Schematic (10/30/2019)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
14.0ft, 14.0ft (TOC) 14.0ft, 14.0ft (TOC) 14.0ft, 14.0ft (TOC) 54.0ft, 54.0ft 491.0ft, 491.0ft			24"Hole	14.0	54.0	14.0	54.0			
			14.75"Hole	54.0	491.0	54.0	491.0			
			10.75"Hole	491.0	2,263.0	491.0	2,262.9			
			9.875"Hole	2,263.0	3,521.0	2,262.9	3,009.5			
			6.125"Hole	3,521.0	4,298.0	3,009.5	3,040.3			
PRE-SET CONDUCTOR Report Date: 2/21/2019 00:00										
Item			OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing			16.000	K-55	42.05	WELD ON	14.0	54.0	14.0	54.0
SURFACE CASING Report Date: 2/27/2019 00:00										
Item			OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
Casing	10.750	K-55	40.50	BTC	14.0	452.0	14.0	452.0		
INSERT/FLOAT	10.750	K-55	40.50	BTC	452.0	452.0	452.0	452.0		
Casing	10.750	K-55	40.50	BTC	452.0	490.0	452.0	490.0		
GUIDE SHOE	10.750	K-55	40.50	BTC	490.0	491.0	490.0	491.0		
INTERMEDIATE CASING Report Date: 3/1/2019 00:00										
Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
LANDING MANDREL	7.000	N80	26.00	LTC	14.0	17.9	14.0	17.9		
Casing	7.000	N-80	26.00	LTC	17.9	3,462.0	17.9	3,003.9		
FLOAT COLLAR	7.000	N80	26.00	LTC	3,462.0	3,463.2	3,003.9	3,004.0		
Casing	7.000	N-80	26.00	LTC	3,463.2	3,501.5	3,004.0	3,007.6		
GUIDE SHOE	7.000	N80	26.00	LTC	3,501.5	3,503.0	3,007.6	3,007.8		
SCREEN / SLOTTED LINER Report Date: 3/4/2019 00:00										
Item	OD(in)	Grade	Wt (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
LINER HANGER	5.800		11.60	GEO CONN	3,410.0	3,413.3	2,999.7	2,999.9		
SLOTTED LINER	4.500	J-55	11.60	BTC	3,413.3	4,295.0	2,999.9	3,040.2		
GUIDE SHOE	4.500	J-55	11.60	GEO CONN	4,295.0	4,297.2	3,040.2	3,040.3		
TUBING STRING							Well: 66H-2B	S/T/R: 2/31S/23E		
Component	Top MD	Btm MD	Top TVD	Btm TVD	CASING CEMENT DETAIL					
TH-ROT	14.0	15.0	14.0	15.0	-----					
PUPPOL	15.0	21.6	15.0	21.6	Cond. Csg. Cmt Vol: Unknown					
TBGPOL	21.6	2,887.4	21.6	2,823.3	Hole Size: 24"					
XO	2,887.4	2,887.9	2,823.3	2,823.6	Casing Size: 16"					
STNIP	2,887.9	2,888.5	2,823.6	2,824.0	Top Job: No					
XO	2,888.5	2,889.0	2,824.0	2,824.3	Rtns to Sfc: Unknown					
PUPJNT	2,889.0	2,892.6	2,824.3	2,826.7	TOC: 14'					
GASANC	2,892.6	2,899.4	2,826.7	2,831.2	-----					
FATNIP	2,899.4	2,900.0	2,831.2	2,831.6	Surface Csg. Cmt Vol: 578 cf					
PRGPLV	2,900.0	2,900.9	2,831.6	2,832.2	Class 'C' Lead Cement: 467 cf					
ROD STRING							Yield: 2.17, Density: 12.4 ppg.			
Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD	Class 'C' Tail Cement: 111 cf					
POLROD	0.0	36.0	0.0	36.0	Yield: 1.71 Density: 13.5 ppg.					
PNYROD	36.0	46.0	36.0	46.0	Hole Size: 14.75"					
ROD	46.0	2,656.0	46.0	2,641.8	Casing Size: 10.75"					
SNKBAR	2,656.0	2,856.0	2,641.8	2,801.9	Top Job: No					
STB3P	2,856.0	2,860.0	2,801.9	2,804.7	Rtns to Sfc: Yes (18 Bbls)					
NSPMP	2,860.0	2,884.0	2,804.7	2,821.0	TTOC: 14'					

							Int Csg. Cmt Vol: 1325 cf			
							Class 'C' Lead Cement: 1290 cf			
							Yield: 2.53, Density: 12.0 ppg.			
							Class 'C' Tail Cement: 35 cf			
							Yield: 1.33, Density: 14.8 ppg.			
							Hole Size: 9.875"			
							Casing Size: 7"			
							Top Job: No			
							Rtns to Sfc: Yes (22 Bbls)			
							TTOC: 14'			

							Prod Csg. Cmt Vol: NA			
							Class 'G' Lead Cement: NA			
							Yield: 0, Density: 0 ppg.			
							Class 'G' Tail Cement: NA			
							Yield: 0, Density: 0 ppg.			
							Hole Size: 6.125"			
							Casing Size: 4.5"			
							Top Job: NA			
							Rtns to Sfc: NA			
							TTOC: 14'			

							Cavity Shot: None			
							Junk: None			

							Volume Behind Pipe:			
							Assumed Yield: 1.15			
							Theoretical Calculations (TTOC)			

							R. Aguilar			
							Date: 11/2022			

							Formation Name			
							MD(ft)			
							TVD(ft)			
							AMNICOLA			
							599.4			
							599.4			
							LOWER TULARE			
							635.5			
							635.5			
							SANJOAQUIN			
							1,204.5			
							1,204.5			

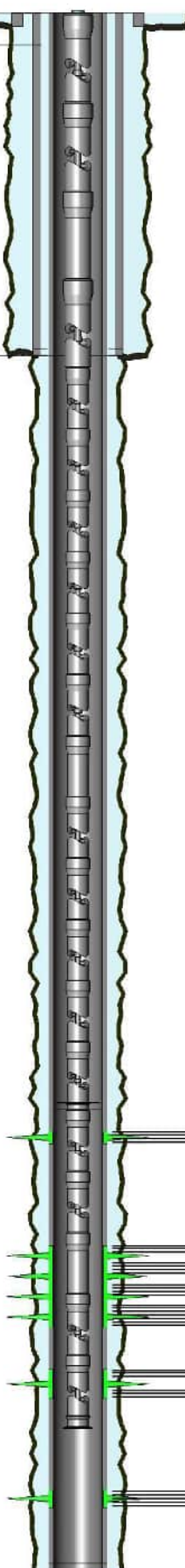
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: ACTIVE
 Status date: 11/19/2021

375X-2B

Ground Level: 1,090.2ft
 Datum: Original DF @ 1,104.24ft (Ensign 540 - 14' KB)(default)
 KB: 14.0ft
 API-10: 0403065773

Wellbore: ORIGINAL HOLE
 PBMD: 9,026.0ft
 Btm TMD: 9,120.0ft
 Spud Date/Time: 11/15/2019
 BH Coord X: 6,122,904.06usft
 BH Coord Y: 2,283,736.59usft

Cement Depths - MD, TVD (ft)	Schematic (11/19/2021)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)						
14.0ft, 14.0ft (TOC)			24" Hole	14.0	94.0	14.0	94.0						
14.0ft, 14.0ft (TOC)			14.75" Hole	94.0	2,006.0	94.0	1,998.5						
14.0ft, 14.0ft (TOC)			8.75" Hole	2,006.0	9,120.0	1,998.5	9,072.1						
94.0ft, 94.0ft (TOC)			PRE-SET CONDUCTOR Report Date: 10/16/2019 00:00										
200.0ft, 200.0ft (TOC)			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
200.0ft, 200.0ft (TOC)			Casing	16.000	K-55	42.05	WELD ON	14.0	94.0	14.0	94.0		
2006.0ft, 1998.5ft			SURFACE CASING Report Date: 11/16/2019 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			Casing	10.750	K-55	40.50	BTC	14.0	1,985.4	14.0	1958.2		
			FLOAT COLLAR	10.750	K-55	40.50	BTC	1,965.4	1,967.0	1958.2	1959.8		
			Casing	10.750	K-55	40.50	BTC	1,967.0	2,004.1	1959.8	1996.7		
			GUIDE SHOE	10.750	K-55	40.50	BTC	2,004.1	2,006.0	1996.7	1998.5		
			PRODUCTION CASING Report Date: 11/27/2019 00:00										
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
			Casing	7.000	HC P-11029.00	GEO CONN	14.0	9,026.1	9,027.4	8978.0	8980.0		
			FLOAT COLLAR	7.000	HC P-11029.00	GEO CONN	9,026.1	9,027.4	8978.0	8980.0	9055.5		
Casing			7.000	HC P-11029.00	GEO CONN	9,027.4	9,103.5	9055.5	9056.8	9058.0			
FLOAT COLLAR			7.000	HC P-11029.00	GEO CONN	9,103.5	9,104.8	9056.8	9058.0	9060.9			
CROSSOVER			7.000	HC P-11029.00	GEO CONN	9,104.8	9,106.1	9058.0	9060.9				
DRILL-IN SHOE			7.000	HC P-11029.00	GEO CONN	9,106.1	9,109.0	9058.0	9060.9				
			TUBING STRING				Well: 375X-2B S/T/R: 2/31S/23E						
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL					
			TH-DBB	14.0	14.7	14.0	14.7	-----					
			FATNIP	14.7	15.4	14.7	15.3	Cond. Csg. Cmt Vol: Unknown					
			TBGJNT	15.4	2,071.4	15.3	2063.6	Hole Size: 24"					
			XO	2,071.4	2,071.8	2063.6	2064.0	Casing Size: 16"					
			TBGJNT	2,071.8	6,347.5	2064.0	6320.0	Top Job: No					
			HTBGAN	6,347.5	6,351.0	6320.0	6323.6	Rtns to Sfc: Unknown					
			TBGJNT	6,351.0	6,383.2	6323.6	6355.4	TOC: 14'					
			HTBGAN	6,383.2	6,386.8	6355.4	6358.9	-----					
			TBGJNT	6,386.8	8,168.8	6358.9	8126.6	Surface Csg. Cmt Vol: 1606 cf					
			TBGDRN	8,168.8	8,169.2	8126.6	8127.1	Class 'G' Lead Cement: 1348 cf					
			TBGJNT	8,169.2	8,230.8	8127.1	8188.1	Yield: 2.17, Density: 12.4 ppg.					
			STNIP	8,230.8	8,231.8	8188.1	8189.2	Class 'G' Tail Cement: 258 cf					
			PUPJNT	8,231.8	8,232.3	8189.2	8189.7	Yield: 1.71 Density: 13.5 ppg.					
			XO	8,232.3	8,236.6	8189.7	8193.9	Hole Size: 14.75"					
			GASANC	8,236.6	8,243.2	8193.9	8200.4	Casing Size: 10.75"					
			FATNIP	8,243.2	8,243.8	8200.4	8201.9	Top Job: No					
			PRGVLV	8,243.8	8,244.7	8201.9	8201.9	Rtns to Sfc: Yes (50 Bbls)					
			ROD STRING				TTOC: 14'						
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	-----					
			POLRDL	0.0	42.0	0.0	42.0	Prod Csg. Cmt Vol: 2257 cf					
			PNYRDL	42.0	66.0	42.0	66.0	Class 'G' Lead Cement: 1664 cf					
			R-4PER	66.0	1,896.0	66.0	1889.1	Yield: 2.24, Density: 11.8 ppg.					
			R-4PER	1,896.0	4,536.0	1889.1	4514.2	Class 'G' Tail Cement: 593 cf					
			R-6PER	4,536.0	8,196.0	4514.2	8153.7	Yield: 1.87, Density: 13.5 ppg.					
			STB3P	8,196.0	8,200.0	8153.7	8157.6	Hole Size: 8.75"					
			INSPMP	8,200.0	8,234.0	8157.6	8191.4	Casing Size: 7"					
			Formation Name				MD(ft)	TVD(ft)	Top Job: Yes (56 cf @ 1.19 Yield)				
			AMNICOLA				582.9	582.7	Rtns to Sfc: Yes (3 Bbls)				
			LOWER TULARE				630.4	630.2	TTOC: 14'				
			SANJOAQUIN				1,171.9	1,169.6	-----				
									Screen/Slotted Liner Cmt Vol: NA cf				
									Hole Size: NA				
									Casing Size: NA				
									Top Job: NA				
									Rtns to Sfc: NA				
									TTOC: NA				

									Cavity Shot: None				
									Junk: None				

									Volume Behind Pipe:				
									Assumed Yield: 1.15				
									Theoretical Calculations (TTOC)				
						R. Aguilar							
						Date: 11/2022							

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 Status Date: 12/2/2022

325-2B

Ground Level: 1,071.9ft
 Datum: Original DF @ 1,092.91ft (Kenai 17 - KB 21')(default)
 KB: 21.0ft
 API-10: 0403066210

Wellbore: ORIGINAL HOLE
 PBMD: 11,593.0ft
 Btm TMD: 7,887.0ft
 Spud Date/Time: 6/4/2019
 BH Coord X: 6,119,783.86usft
 BH Coord Y: 2,284,107.30usft

Cement Depths - MD, TVD (ft)	Schematic (12/2/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
21.0ft 21.0ft (TOC) 21.0ft 21.0ft (TOC) 21.0ft 21.0ft (TOC) 101.0ft 101.0ft 180.0ft 180.0ft (TOC) 180.0ft 180.0ft			24" Hole	21.0	101.0	21.0	101.0				
1798.0ft 1797.9ft (TOC) 2005.0ft 2004.9ft 2027.0ft 2026.9ft 2298.0ft 2297.8ft (TOC) 2298.0ft 2297.8ft			14.75" Hole	101.0	2,005.0	101.0	2,004.9				
6310.0ft 6291.6ft			10.75" Hole	2,005.0	6,000.0	2,004.9	5,984.0				
			9.875" Hole	6,000.0	9,107.0	5,984.0	9,072.0				
			PRE-SET CONDUCTOR								
			Report Date: 5/28/2019 00:00								
			Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	16.000	K-55	42.05	WELD ON	21.0	101.0	21.0	101.0
			SURFACE CASING								
			Report Date: 6/6/2019 00:00								
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
		Casing	10.750	K-55	40.50	BTC	21.0	1,965.7	21.0	1965.6	
		FLOAT COLLAR	10.750	K-55	40.50	BTC	1,965.7	1,967.6	1965.6	1967.5	
		Casing	10.750	K-55	40.50	BTC	1,967.6	2,004.0	1967.5	2003.9	
		GUIDE SHOE	10.750	K-55	40.50	BTC	2,004.0	2,005.0	2003.9	2004.9	
		PRODUCTION CASING									
		Report Date: 7/31/2019 00:00									
		Item	OD(in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
		Casing	7.000	HC P-11026.00	GEO CONN	21.0	6,822.8	21.0	6801.4	6801.4	
		Casing	7.000	HC P-11029.00	GEO CONN	6,822.8	11,593.2	6801.4	11503.5	11503.5	
		Float Collar	7.000	HC P-11029.00	GEO CONN	11,593.2	11,594.5	11563.5	11564.9	11564.9	
		Casing	7.000	HC P-11029.00	GEO CONN	11,594.5	11,680.4	11564.9	11650.7	11650.7	
		FLOAT SHOE	7.000	HC P-11029.00	GEO CONN	11,680.4	11,682.0	11650.7	11652.3	11652.3	
		TUBING STRING									
		Component	Top MD	Btm MD	Top TVD	Btm TVD	Well: 325-2B S/T/R: 2/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 24" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 21' ----- Surface Csg. Cmt Vol: 1313 cf Class 'G' Lead Cement: 846 cf Yield: 2.55 Density: 11.8 ppg. Class 'G' Tail Cement: 467 cf Yield: 1.71, Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: Yes (112 cf @ 1.32 yield) Rtns to Sfc: Yes (3 Bbls) TTOC: 21' ----- Prod Csg. Cmt Vol: NA Class "Lead Cement: NA Yield: 0.0, Density: NA ppg. Class "Tail Cement: NA Yield: 0.0, Density: NA ppg. Hole Size: 10.75" Casing Size: 9.875" Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Screen/Slotted Liner Cmt Vol: NA Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) ----- R. Aguilar Date: 11/2022 P&A Mud & Cement Details ----- Mud Volume: 123.2 Bbls Mud Weight: 13 ppg Top of Mud: NA Cement: 436 cf @ 5775' - 6310' 436 cf @ 5178' - 5775' 436 cf @ 4602' - 5178' 436 cf @ 4026' - 4602' 436 cf @ 3450' - 4026' 436 cf @ 2874' - 3450' 436 cf @ 2298' - 2874' KOP: @ 1798' - 2298'				
		TH-DBB	21.0	21.7	21.0	21.7					
		FATNIP	21.7	22.3	21.7	22.3					
		TB GJNT	22.3	337.3	22.3	337.3					
		XO	337.3	337.7	337.3	337.7					
		TB GJNT	337.7	9,126.7	337.7	9097.0					
		HTB GAN	9,126.7	9,130.3	9097.0	9100.7					
		TB GJNT	9,130.3	9,315.6	9100.7	9285.9					
		DRAIN	9,315.6	9,316.1	9285.9	9286.4					
		TB GJNT	9,316.1	9,438.9	9286.4	9409.2					
		STNIP	9,438.9	9,440.0	9409.2	9410.3					
		PUPJNT	9,440.0	9,444.2	9410.3	9414.5					
		ROD STRING									
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD					
		POLRDL	0.0	42.0	0.0	42.0					
		ROD	42.0	192.0	42.0	192.0					
		COROD	192.0	954.0	192.0	954.0					
		COROD	954.0	2,014.0	954.0	2013.9					
		COROD	2,014.0	3,014.0	2013.9	3013.7					
		COROD	3,014.0	5,476.0	3013.7	5463.4					
		STB3P	5,476.0	5,480.0	5463.4	5467.4					
		ON-OFF	5,480.0	5,481.0	5467.4	5468.4					
		STB3P	5,481.0	5,485.0	5468.4	5472.3					
		ROD	5,485.0	9,385.0	5472.3	9355.3					
		STB3P	9,385.0	9,389.0	9355.3	9359.3					
		SHRCPPL	9,389.0	9,390.0	9359.3	9360.3					
		STB3P	9,390.0	9,394.0	9360.3	9364.3					
		R-6PER	9,394.0	9,454.0	9364.3	9424.3					
		INSPMP	9,454.0	9,494.0	9424.3	9464.3					
		Formation Name	MD(ft)	TVD(ft)	Formation Name AMNICOLA 601.7 601.7 ANICOLA_BASE 619.7 619.7 SANJOAQUIN 1,161.9 1,161.9						

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 02B
 Well Status: P&A
 Status date: 3/2/2005

384-2B

Ground Level: 1,104.0ft
 Datum: Original DF @ 1,113.00ft (default)
 KB: 9.0ft
 API-10: 0402952732

Wellbore: ST 1
 PBMD: 9.0ft
 Btm TMD: 7,456.0ft
 Spud Date/Time: 2/15/1975
 BH Coord X: 6,122,356.66usft
 BH Coord Y: 2,284,377.93usft

Cement Depths - MD, TVD (ft)	Schematic (3/2/2005)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
9.0ft, 9.0ft (TOC)			24" Hole	9.0	58.0	9.0	58.0				
9.0ft, 9.0ft (TOC)			17.5" Hole	58.0	510.0	58.0	510.0				
9.0ft, 9.0ft (TOC)			12.25" Hole	510.0	3,595.0	510.0	3,594.8				
9.0ft, 9.0ft (TOC)			8.75" Hole	3,595.0	9,930.0	3,594.8	9,919.4				
58.0ft, 58.0ft			8.75" Hole	3,646.0	7,456.0	3,645.6	7,246.4				
510.0ft, 510.0ft			13" Hole	4,510.0	4,600.0	4,479.5	4,563.5				
			13" Hole	4,510.0	4,600.0	4,479.5	4,563.5				
			CONDUCTOR CASING Report Date: 2/14/1976 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			CASING JOINT(S)	20.000	H-40	92.00		9.0	58.0	9.0	58.0
	SURFACE CASING Report Date: 2/16/1976 00:00										
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
	CASING JOINT(S)	13.375	K-55	54.50		9.0	510.0	9.0	510.0		
	INTERMEDIATE CASING Report Date: 2/21/1976 00:00										
	Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
	CASING JOINT(S)	9.625	K-55	40.00		9.0	3,595.0	9.0	3594.7		
	PLUG BACK										
	Component	Top MD	Btm MD	Top TVD	BTM TVD						
	CEMENT	9.0	55.0	9.0	55.0						
	MUD	55.0	3,197.0	55.0	3196.8						
	PLUG BACK										
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD						
	CEMENT	3,520.0	3,595.0	3519.7	3594.7						
	CEMENT	3,595.0	3,608.0	3594.7	3607.7						
	PLUG BACK										
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD						
	CEMENT	3,608.0	3,652.0	3607.7	3651.7						
	PLUG BACK										
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD						
	CEMENT	4,408.0	4,510.0	4384.3	4479.5						
	CEMENT	4,510.0	4,599.0	4479.5	4562.6						
	PLUG BACK										
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD						
	CEMENT	4,600.0	4,705.0	4563.5	4662.0						
	PLUG BACK										
	Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD						
	CEMENT	6,574.0	6,900.0	6415.0	6722.3						
3593.0ft, 3592.7ft			Well: 384-2B RD1 S/T/R: 2/31S/23E								
			CASING CEMENT DETAIL								
			Cond. Csg. Cmt Vol: Unknown								
			Hole Size: 24"								
			Casing Size: 20"								
			Top Job: No								
			Rtns to Sfc: Unknown								
			TOC: 9'								
			Surface Csg. Cmt Vol: 564 cf								
			Class 'G' Lead Cement: 414 cf								
			Yield: 1.15, Density: 12 ppg.								
			Class 'G' Tail Cement: 150 cf								
			Yield: 1.15, Density: NA ppg.								
			Hole Size: 17.5"								
			Casing Size: 13.375"								
			Top Job: No								
			Rtns to Sfc: Yes (11 Bbls)								
			TTOC: 9'								
			Prod Csg. Cmt Vol: 1805 cf								
			Class 'G' Lead Cement: 1577 cf								
			Yield: 1.15, Density: NA ppg.								
			Class 'G' Tail Cement: 228 cf								
			Yield: 1.15, Density: NA ppg.								
			Hole Size: 12.25"								
			Casing Size: 9.625"								
			Top Job: No								
			Rtns to Sfc: Yes (119 Bbls)								
			TTOC: 9'								
			Screen/Slotted Liner Cmt Vol: NA								
			Hole Size: NA								
			Casing Size: NA								
			Top Job: NA								
			Rtns to Sfc: NA								
			TTOC: NA								
			Cavity Shot: None								
			Junk: None								
			Volume Behind Pipe:								
			Assumed Yield: 1.15								
			Theoretical Calculations (TTOC)								
			R. Aguilar								
			Date: 11/2022								
			P&A Mud & Cement Details								

			Mud Volume: 242 Bbls @ 55' - 3197'								
			Mud Weight: NA								
			Top of Mud: NA								
			Cement: 140 cf @ 6900' - 6574'								
			88 cf @ 4572' - 4702'								
			172 cf @ 4408' - 4599'								
			115 cf @ 3608' - 3650'								
			68 cf @ 3520' - 3605'								
			Top of Cement: 35 cf @ 5' - 55'								
			Formation Name	MD(ft)	TVD(ft)						
			AMNICOLA	591.9	591.9						
			LOWER TULARE	643.3	643.3						
			SANJOAQUIN	1,175.2	1,175.2						

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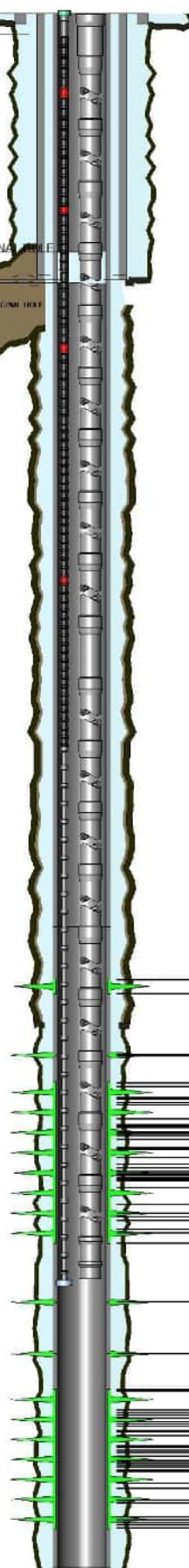
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 02B
Well Status: ACTIVE
Status date: 12/2/2022

325-2B

Ground Level: 1,071.9ft
Datum: Original DF @ 1,092.91ft(Kenai 17 - KB 21')(default)
KB: 21.0ft
API-10: 0403066210

Wellbore: ST 1
PBMD: 11,680.0ft
Btm TMD: 11,682.0ft
Spud Date/Time: 6/4/2019
BH Coord X: 6,119,643.88usft
BH Coord Y: 2,283,740.08usft

Cement Depths - MD, TVD (ft)	Schematic (12/2/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
21.0ft 21.0ft (TOC) 21.0ft 21.0ft (TOC) 21.0ft 21.0ft (TOC) 101.0ft 101.0ft 180.0ft 180.0ft (TOC) 180.0ft 180.0ft (TOC) 1798.0ft 1797.9ft (TOC) 2005.0ft 2004.9ft 2027.0ft 2026.9ft		7,211.0ft, 7,224.0ft, 9/5/2019, OPEN 7,320.0ft, 7,323.0ft, 9/5/2019, OPEN 7,771.0ft, 7,776.0ft, 9/5/2019, OPEN 7,784.0ft, 7,788.0ft, 9/5/2019, OPEN 7,988.0ft, 7,994.0ft, 9/4/2019, OPEN 8,009.0ft, 8,014.0ft, 9/4/2019, OPEN 8,088.0ft, 8,093.0ft, 9/4/2019, OPEN 8,093.0ft, 8,114.0ft, 9/4/2019, OPEN 8,122.0ft, 8,142.0ft, 9/4/2019, OPEN 8,148.0ft, 8,152.0ft, 9/4/2019, OPEN 8,250.0ft, 8,258.0ft, 9/4/2019, OPEN 8,296.0ft, 8,300.0ft, 9/4/2019, OPEN 8,307.0ft, 8,311.0ft, 9/4/2019, OPEN 8,314.0ft, 8,318.0ft, 9/4/2019, OPEN 8,350.0ft, 8,353.0ft, 9/4/2019, OPEN 8,360.0ft, 8,368.0ft, 9/4/2019, OPEN 8,372.0ft, 8,378.0ft, 9/4/2019, OPEN 8,405.0ft, 8,408.0ft, 9/4/2019, OPEN 8,458.0ft, 8,468.0ft, 9/4/2019, OPEN 8,476.0ft, 8,474.0ft, 9/4/2019, OPEN 8,482.0ft, 8,484.0ft, 9/4/2019, OPEN 8,534.0ft, 8,546.0ft, 9/4/2019, OPEN 8,580.0ft, 8,580.0ft, 9/4/2019, OPEN 8,616.0ft, 8,622.0ft, 9/4/2019, OPEN 8,842.0ft, 8,845.0ft, 9/4/2019, OPEN 8,854.0ft, 8,863.0ft, 9/4/2019, OPEN 8,869.0ft, 8,878.0ft, 9/4/2019, OPEN 8,882.0ft, 8,888.0ft, 9/4/2019, OPEN 8,892.0ft, 8,898.0ft, 9/4/2019, OPEN 8,904.0ft, 8,906.0ft, 9/4/2019, OPEN 8,962.0ft, 8,964.0ft, 9/3/2019, OPEN 8,989.0ft, 8,912.0ft, 9/3/2019, OPEN 9,088.0ft, 9,082.0ft, 9/3/2019, OPEN 9,102.0ft, 9,106.0ft, 9/3/2019, OPEN 9,176.0ft, 9,181.0ft, 9/3/2019, OPEN 9,810.0ft, 9,814.0ft, 9/3/2019, OPEN 9,990.0ft, 10,002.0ft, 9/3/2019, OPEN 10,269.0ft, 10,272.0ft, 9/3/2019, OPEN 10,276.0ft, 10,284.0ft, 9/3/2019, OPEN 10,412.0ft, 10,424.0ft, 9/3/2019, OPEN 10,432.0ft, 10,440.0ft, 9/3/2019, OPEN 10,449.0ft, 10,470.0ft, 9/3/2019, OPEN 10,474.0ft, 10,484.0ft, 9/3/2019, OPEN 10,488.0ft, 10,512.0ft, 9/3/2019, OPEN 10,512.0ft, 10,533.0ft, 9/3/2019, OPEN 10,533.0ft, 10,554.0ft, 9/3/2019, OPEN 10,568.0ft, 10,574.0ft, 9/3/2019, OPEN 10,578.0ft, 10,580.0ft, 9/3/2019, OPEN 10,605.0ft, 10,612.0ft, 9/3/2019, OPEN 10,687.0ft, 10,689.0ft, 9/3/2019, OPEN 10,689.0ft, 10,710.0ft, 9/3/2019, OPEN 10,720.0ft, 10,724.0ft, 9/3/2019, OPEN 10,732.0ft, 10,738.0ft, 9/3/2019, OPEN 10,759.0ft, 10,769.0ft, 9/3/2019, OPEN 10,786.0ft, 10,803.0ft, 9/3/2019, OPEN 10,803.0ft, 10,824.0ft, 9/3/2019, OPEN 10,826.0ft, 10,830.0ft, 9/3/2019, OPEN 10,840.0ft, 10,854.0ft, 9/3/2019, OPEN 10,860.0ft, 10,867.0ft, 9/3/2019, OPEN 10,867.0ft, 10,888.0ft, 9/3/2019, OPEN 10,960.0ft, 10,973.0ft, 9/3/2019, OPEN 10,988.0ft, 11,006.0ft, 9/3/2019, OPEN 11,004.0ft, 11,101.0ft, 9/3/2019, OPEN 11,101.0ft, 11,122.0ft, 9/3/2019, OPEN 11,211.0ft, 11,228.0ft, 9/3/2019, OPEN 11,228.0ft, 11,247.0ft, 9/3/2019, OPEN 11,247.0ft, 11,269.0ft, 9/3/2019, OPEN 11,268.0ft, 11,289.0ft, 9/3/2019, OPEN 11,289.0ft, 11,310.0ft, 9/3/2019, OPEN	24" Hole 21.0 101.0 21.0 101.0 14.75" Hole 101.0 2,005.0 101.0 2,004.9 10.75" Hole 2,005.0 8,000.0 2,004.9 5,984.0 9.875" Hole 2,189.0 7,580.0 2,188.8 7,534.6 8.75" Hole 7,560.0 11,695.0 7,534.6 11,648.0				
PRE-SET CONDUCTOR Report Date: 5/28/2019 00:00							
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top) TVD (base)
Casing	16.000	K-55	42.05	WELD ON	21.0	101.0	21.0 101.0
SURFACE CASING Report Date: 6/6/2019 00:00							
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top) TVD (base)
Casing	10.750	K-55	40.50	BTC	21.0	1,965.7	21.0 1,965.6
FLOAT COLLAR	10.750	K-55	40.50	BTC	1,965.7	1,967.6	1,965.6 1,967.5
Casing	10.750	K-55	40.50	BTC	1,967.6	2,004.0	1,967.5 2,003.9
GUIDE SHOE	10.750	K-55	40.50	BTC	2,004.0	2,006.0	2,003.9 2,004.9
PRODUCTION CASING Report Date: 7/31/2019 00:00							
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top) TVD (base)
Casing	7.000	HC P-11026.00		GEO CONN	21.0	8,822.8	21.0 8802.0
Casing	7.000	HC P-11029.00		GEO CONN	8,822.8	11,593.2	8802.0 11546.4
Float Collar	7.000	HC P-11029.00		GEO CONN	11,593.2	11,594.5	11546.4 11547.7
Casing	7.000	HC P-11029.00		GEO CONN	11,594.5	11,680.4	11547.7 11633.0
FLOAT SHOE	7.000	HC P-11029.00		GEO CONN	11,680.4	11,682.0	11633.0 11634.6
TUBING STRING							
Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 325-2B RD1 S/T/R: 2/31S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 24" Casing Size: 16" Top Job: No Rtns to Sfc: Unknown TOC: 21' ----- Surface Csg. Cmt Vol: 1313 cf Class 'G' Lead Cement: 846 cf Yield: 2.55 Density: 11.8 ppg. Class 'G' Tail Cement: 467 cf Yield: 1.71, Density: 13.5 ppg. Hole Size: 14.75" Casing Size: 10.75" Top Job: Yes (112 cf @ 1.32 yield) Rtns to Sfc: Yes (3 Bbls) TTOC: 21' ----- Prod Csg. Cmt Vol: 3348 cf Class 'G' Lead Cement: 3076 cf Yield: 1.87, Density: 12.2 ppg. Class 'G' Tail Cement: 272 cf Yield: 1.53, Density: 15.8 ppg. Hole Size: 8.75" Casing Size: 7" Top Job: No Rtns to Sfc: Yes (8 Bbls) TTOC: 21' ----- Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) ----- R. Aguilar Date: 11/2022		
TH-DBB	21.0	21.7	21.0	21.7			
FATNIP	21.7	22.3	21.7	22.3			
TB GJNT	22.3	337.3	22.3	337.3			
XO	337.3	337.7	337.3	337.7			
TB GJNT	337.7	9,126.7	337.7	9093.0			
HTBGAN	9,126.7	9,130.3	9093.0	9096.6			
TB GJNT	9,130.3	9,315.6	9096.6	9281.0			
DRAIN	9,315.6	9,316.1	9281.0	9281.4			
TB GJNT	9,316.1	9,438.9	9281.4	9403.7			
STNIP	9,438.9	9,440.0	9403.7	9404.8			
PUPJNT	9,440.0	9,444.2	9404.8	9408.9			
ROD STRING							
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Formation Name MD(ft) TVD(ft) AMNICOLA 601.7 601.7 ANICOLA BASE 619.7 619.7 SANJOAQUIN 1,161.9 1,161.9		
POLRDL	0.0	42.0	0.0	42.0			
ROD	42.0	192.0	42.0	192.0			
COROD	192.0	954.0	192.0	954.0			
COROD	954.0	2,014.0	954.0	2013.9			
COROD	2,014.0	3,014.0	2013.9	3012.1			
COROD	3,014.0	5,476.0	3012.1	5461.0			
STB3P	5,476.0	5,480.0	5461.0	5464.9			
ON-OFF	5,480.0	5,481.0	5464.9	5465.9			
STB3P	5,481.0	5,485.0	5465.9	5469.9			
ROD	5,485.0	9,385.0	5469.9	9350.0			
STB3P	9,385.0	9,389.0	9350.0	9354.0			
SHRCPL	9,389.0	9,390.0	9354.0	9355.0			
STB3P	9,390.0	9,394.0	9355.0	9359.0			
R-OPER	9,394.0	9,454.0	9359.0	9418.7			
INSPMP	9,454.0	9,494.0	9418.7	9458.5			

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**WELL CONSTRUCTION DETAILS
FOR WELLS LOCATED IN
SECTION 35R**

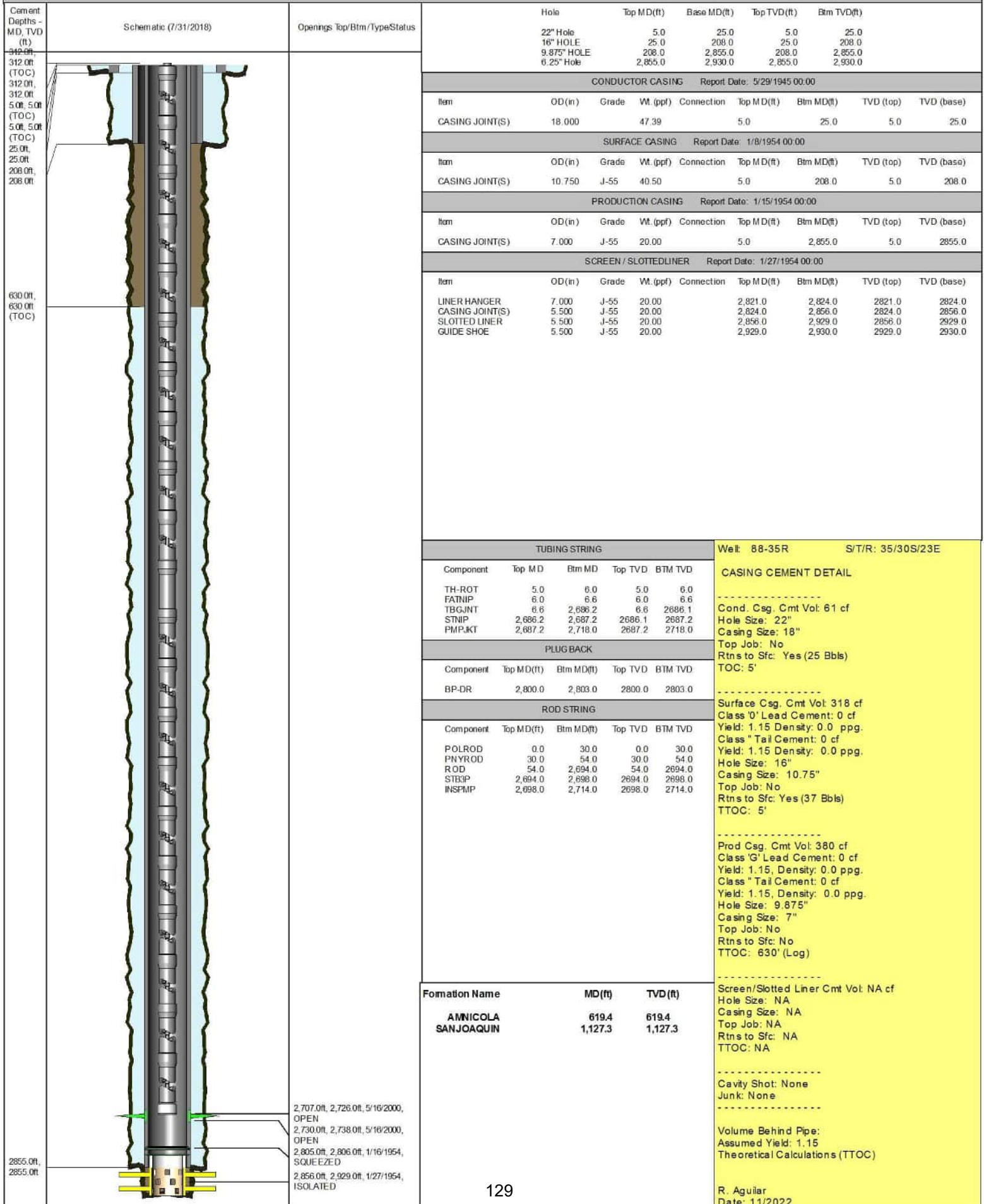
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 35R
 Well Status: ACTIVE
 Status date: 7/31/2018

88-35R

Ground Level: 1,248.0ft
 Datum: Original DF @ 1,253.00ft (default)
 KB: 5.0ft
 API-10: 0402927254

Wellbore: ORIGINAL HOLE
 PBMD: 2,800.0ft
 Btm TMD: 2,930.0ft
 Spud Date/Time: 1/8/1954
 BH Coord X: 6,123,749.75usft
 BH Coord Y: 2,287,246.93usft



Field Name: ELK HILLS
Site Name: 35R
Well Status: ACTIVE
Status date: 10/6/2022

Ground Level: 1,277.0ft
Datum: Original DF @ 1,282.00ft(default)
KB: 5.0ft
API-10: 0402927252

Wellbore: ORIGINAL HOLE
PBMD: 3,055.0ft
Btm TMD: 3,061.0ft
Spud Date/Time: 2/21/1953
BH Coord X: 6,122,488.76usft
BH Coord Y: 2,288,545.92usft

5.0ft, 5.0ft
(TOC)

9.0ft, 9.0ft
(TOC)

25.0ft,
25.0ft

207.0ft,
207.0ft

1025.0ft,
1025.0ft
(TOC)

2620.0ft,
2620.0ft
(TOC)

2840.0ft,
2840.0ft

3001.0ft,
3061.0ft

2.615.0ft, 2.635.0ft, 8/15/2000,
OPEN

2.625.0ft, 2.645.0ft, 8/15/2000,
OPEN

2.747.0ft, 2.748.0ft, 31/1953,
SQUEEZED

2.705.0ft, 2.810.0ft, 32/1953,
SQUEEZED

2.867.0ft, 2.970.0ft, 5/19/1991,
OPEN

3.005.0ft, 3.020.0ft, 11/19/1998,
OPEN

3.005.0ft, 3.047.0ft, 5/19/1991,
OPEN

Openings Top/Btm/Type/Status

Formation Name

MD(ft)

TVD(ft)

AMNICOLA

556.8

556.8

AMNICOLA_BASE

635.5

635.5

SANJOAQUIN

1,204.5

1,204.5

130

Hole

Top MD(ft)

Base MD(ft)

Top TVD(ft)

Btm TVD(ft)

22" Hole

5.0

25.0

5.0

25.0

16" Hole

25.0

207.0

25.0

207.0

9.875" Hole

207.0

3,061.0

207.0

3,061.0

CONDUCTOR CASING

Report Date: 12/9/1952 00:00

Item

OD(in)

Grade

Wt. (ppf)

Connection

Top MD(ft)

Btm MD(ft)

TVD (top)

TVD (base)

CASING JOINT(S)

18.000

47.39

9.0

25.0

9.0

25.0

SURFACE CASING

Report Date: 2/21/1953 00:00

Item

OD(in)

Grade

Wt. (ppf)

Connection

Top MD(ft)

Btm MD(ft)

TVD (top)

TVD (base)

CASING JOINT(S)

10.750

J-55

40.50

STC

8.0

207.0

8.0

207.0

PRODUCTION CASING

Report Date: 2/28/1953 00:00

Item

OD(in)

Grade

Wt. (ppf)

Connection

Top MD(ft)

Btm MD(ft)

TVD (top)

TVD (base)

CASING JOINT(S)

7.000

J-55

20.00

STC

7.0

3,060.0

7.0

3060.0

TUBING STRING

Well: 66-35R

S/T/R: 35/30S/23E

Component

Top MD

Btm MD

Top TVD

Btm TVD

TH-ROT

5.0

5.0

5.0

5.0

FATNIP

5.0

5.7

5.0

5.7

PUPJNT

5.7

18.0

5.7

17.9

TB GJNT

18.0

2,733.2

17.9

2733.2

STNIP

2,733.2

2,734.4

2733.2

2734.3

PMP.KT

2,734.4

2,754.5

2734.3

2754.5

PLUGBACK

Component

Top MD(ft)

Btm MD(ft)

Top TVD

Btm TVD

CEMENT

3,055.0

3,060.0

3055.0

3060.0

CEMENT

3,060.0

3,061.0

3060.0

3061.0

ROD STRING

Component

Top MD(ft)

Btm MD(ft)

Top TVD

Btm TVD

POL ROD

0.0

30.0

0.0

30.0

PNY ROD

30.0

42.0

30.0

42.0

ROD

42.0

2,442.0

42.0

2442.0

R-4PER

2,442.0

2,742.0

2442.0

2742.0

STB3P

2,742.0

2,746.0

2742.0

2746.0

INSPMP

2,746.0

2,762.0

2746.0

2762.0

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: Unknown

Hole Size: 22"

Casing Size: 18"

Top Job: No

Rtns to Sfc: Unknown

TOC: 5'

Surface Csg. Cmt Vol: 354 cf

Class 'C' Lead Cement: 0 cf

Yield: 1.18, Density: 0.0 ppg.

Class 'C' Tail Cement: 0 cf

Yield: 0.0 Density: 0.0 ppg.

Hole Size: 16"

Casing Size: 10.75"

Top Job: No

Rtns to Sfc: Yes (43 Bbls)

TTOC: 5'

Prod. Csg. Cmt Vol: 553 cf

Class 'C' Lead Cement: 0 cf

Yield: 1.18, Density: 0.0 ppg.

Class 'C' Tail Cement: 0 cf

Yield: 0.0, Density: 0.0 ppg.

Hole Size: 9.875"

Casing Size: 7"

Top Job: No

Rtns to Sfc: No

TTOC: 1025' (1958 Thermometric Survey)

Screen/Slotted Liner Cmt Vol: NA cf

Hole Size: NA

Casing Size: NA

Top Job: NA

Rtns to Sfc: NA

TTOC: NA

Cavity Shot: None

Junk: None

Volume Behind Pipe:

Assumed Yield: 1.15

Theoretical Calculations (TTOC)

R. Aguilar

Date: 11/2022

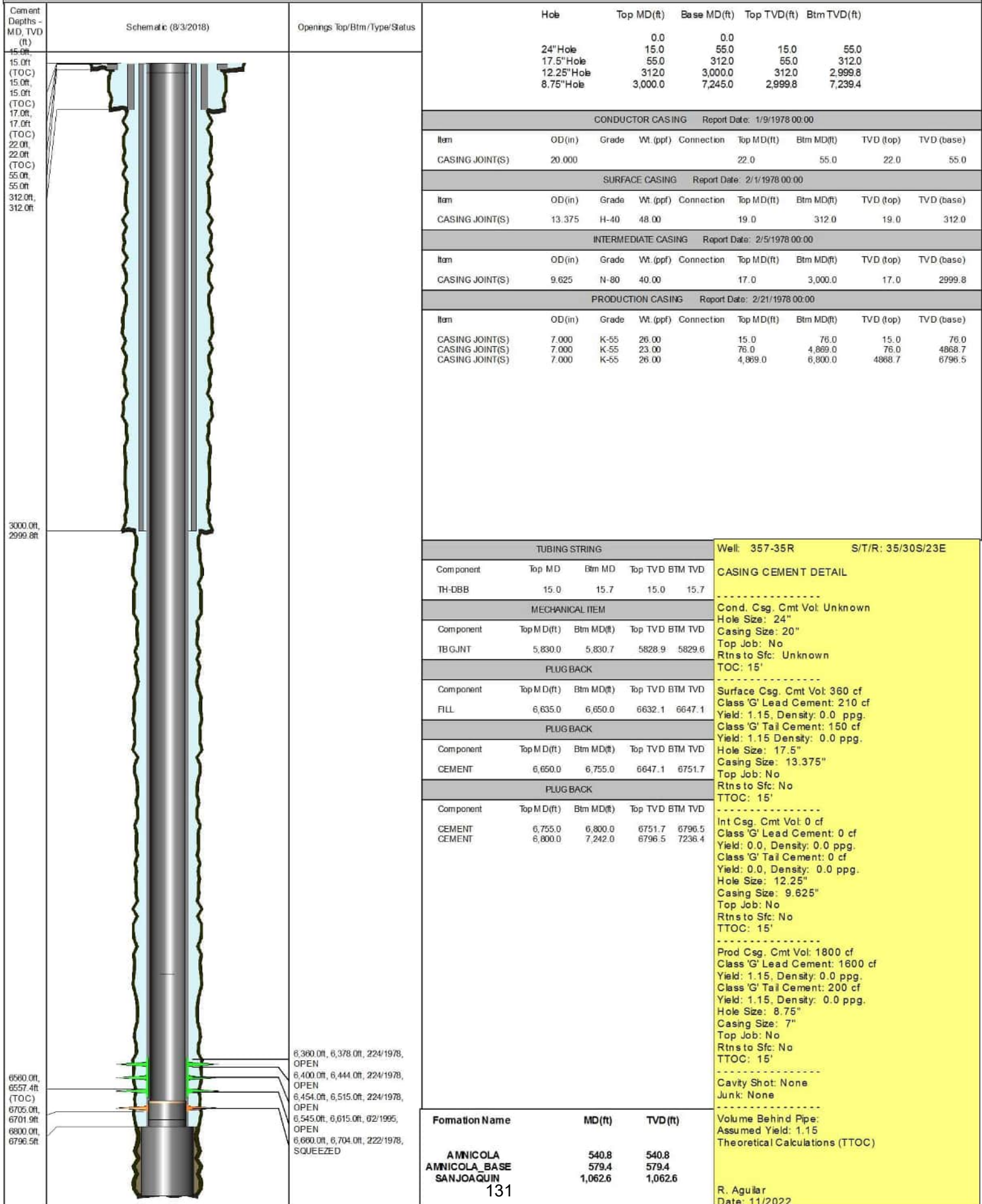
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 35R
 Well Status: ACTIVE
 Status date: 8/3/2018

357-35R

Ground Level: 1,241.0ft
 Datum: Original DF @ 1,256.00ft(KEY 0338)(default)
 KB: 15.0ft
 API-10: 0402956768

Wellbore: ORIGINAL HOLE
 PBMD: 6,650.0ft
 Btm TMD: 7,242.0ft
 Spud Date/Time: 2/1/1978
 BH Coord X: 6,121,554.05usft
 BH Coord Y: 2,287,904.66usft



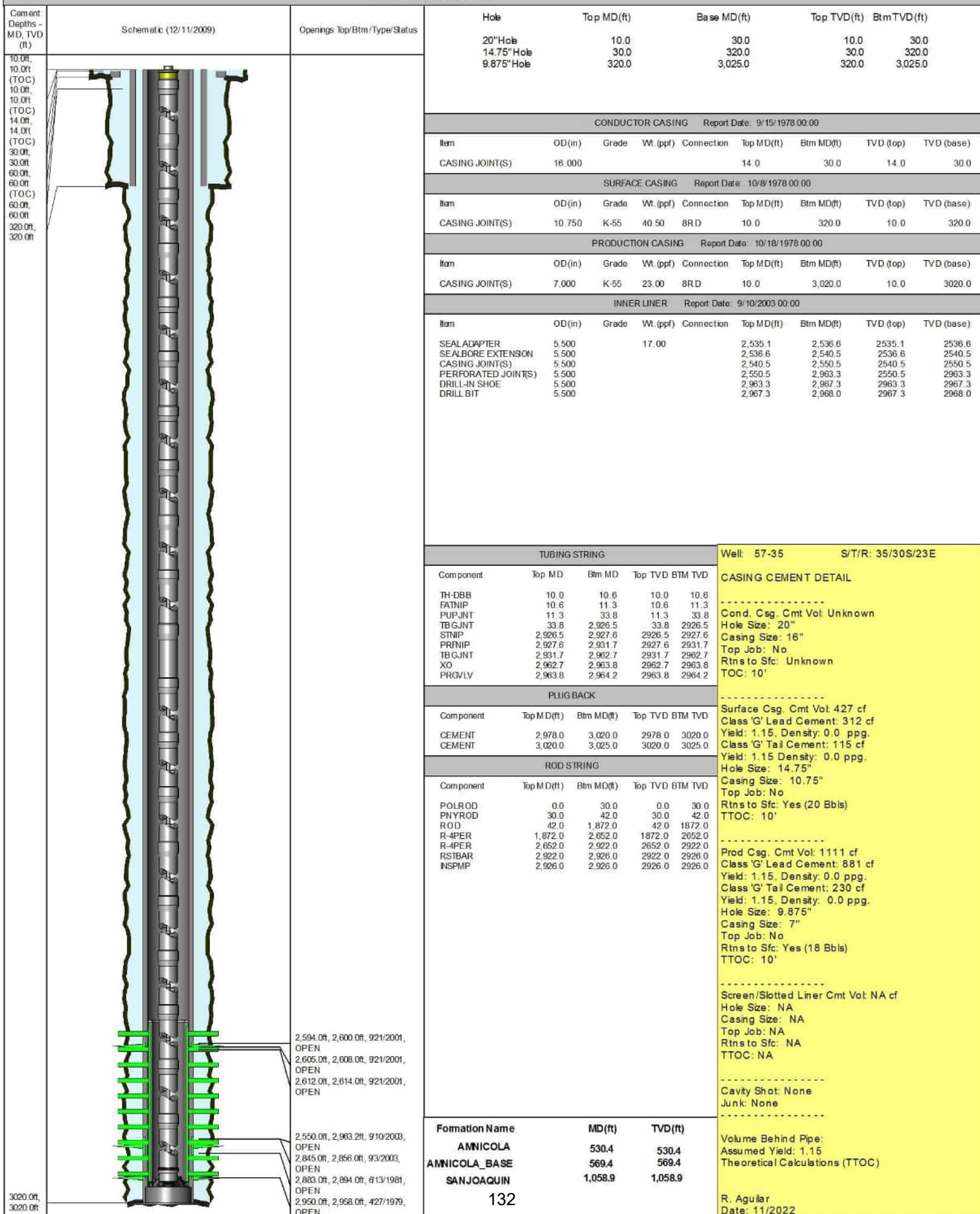
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 35R
 Well Status: ACTIVE
 Status date: 12/11/2009

57-35R

Ground Level: 1,241.0ft
 Datum: Original DF @ 1,251.00ft(default)
 KB: 10.0ft
 API-10: 0402958179

Wellbore: ORIGINAL HOLE
 PBMD: 2,968.0ft
 Btm TMD: 3,025.0ft
 Spud Date/Time: 10/8/1978
 BH Coord X: 6,121,776.76usft
 BH Coord Y: 2,288,037.92usft



Well: 57-35 S/T/R: 35/30S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: Unknown
 Hole Size: 20"
 Casing Size: 16"
 Top Job: No
 Rtns to Sfc: Unknown
 TOC: 10'

Surface Csg. Cmt Vol: 427 cf
 Class 'G' Lead Cement: 312 cf
 Yield: 1.15, Density: 0.0 ppg.
 Class 'G' Tail Cement: 115 cf
 Yield: 1.15 Density: 0.0 ppg.
 Hole Size: 14.75"
 Casing Size: 10.75"
 Top Job: No
 Rtns to Sfc: Yes (20 Bbls)
 TTOC: 10'

Prod Csg. Cmt Vol: 1111 cf
 Class 'G' Lead Cement: 881 cf
 Yield: 1.15, Density: 0.0 ppg.
 Class 'G' Tail Cement: 230 cf
 Yield: 1.15, Density: 0.0 ppg.
 Hole Size: 9.875"
 Casing Size: 7"
 Top Job: No
 Rtns to Sfc: Yes (18 Bbls)
 TTOC: 10'

Screen/Slotted Liner Cmt Vol: NA cf
 Hole Size: NA
 Casing Size: NA
 Top Job: NA
 Rtns to Sfc: NA
 TTOC: NA

Cavity Shot: None
 Junk: None

Volume Behind Pipe:
 Assumed Yield: 1.15
 Theoretical Calculations (TTOC)

R. Aguilar
 Date: 11/2022

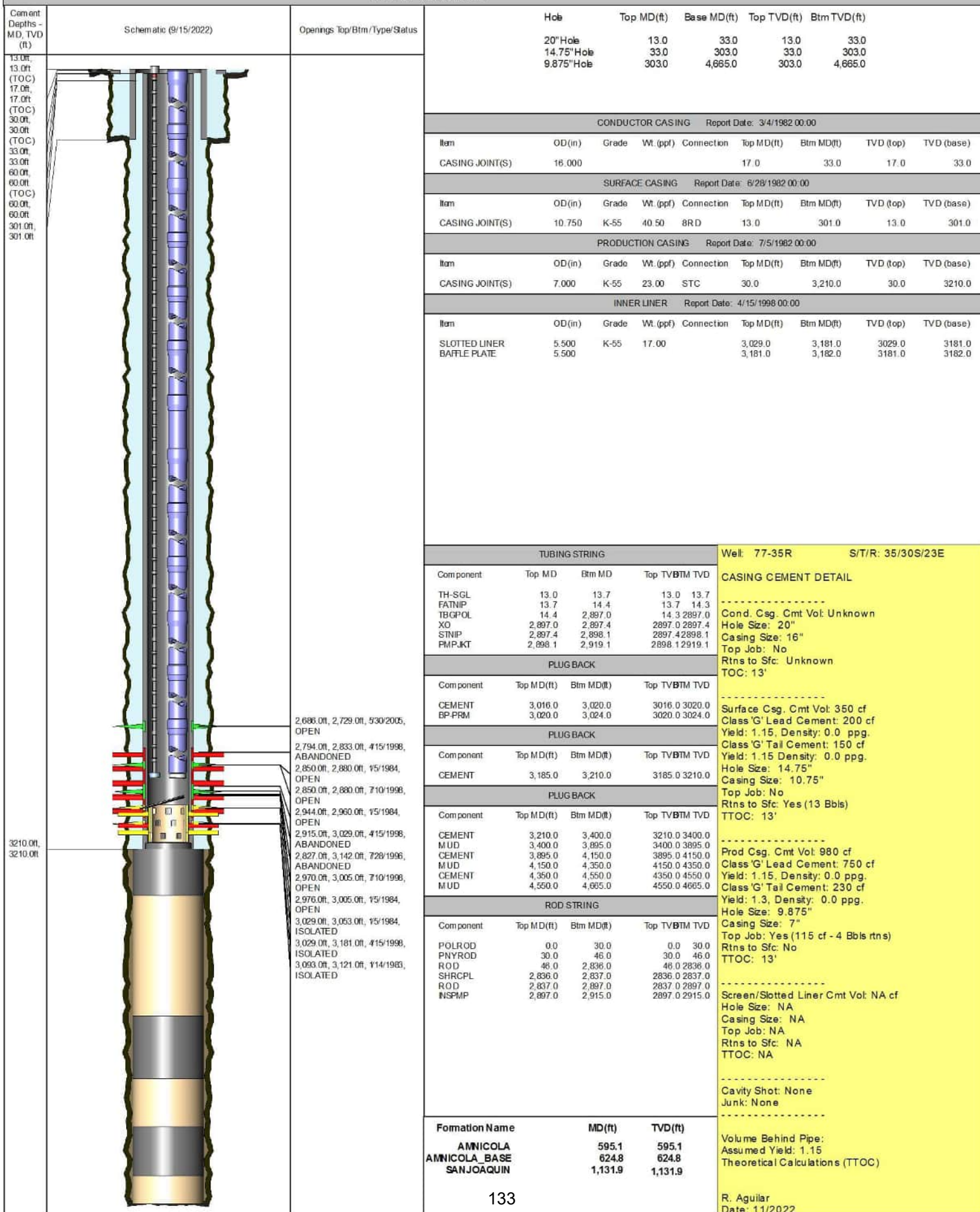
CALIFORNIA RESOURCES PRODUCTION CORPORATION

Field Name: ELK HILLS
 Site Name: 35R
 Well Status: ACTIVE
 Status date: 9/15/2022

77-35R

Ground Level: 1,273.8ft
 Datum: Original KB @ 1,286.82ft (default)
 KB: 13.0ft
 API-10: 0402966943

Wellbore: ORIGINAL HOLE
 PBMD: 3,016.0ft
 Btm TMD: 4,665.0ft
 Spud Date/Time: 6/28/1982
 BH Coord X: 6,123,151.75usft
 BH Coord Y: 2,287,974.42usft



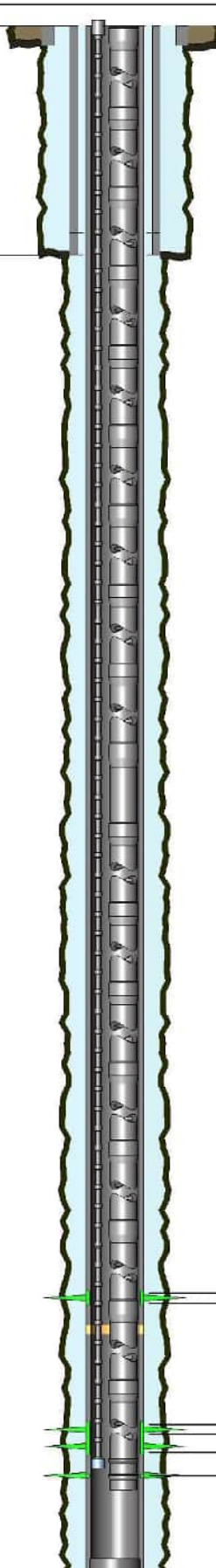
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 35R
 Well Status: ACTIVE
 Status date: 10/21/2022

78-35R

Ground Level: 1,232.5ft
 Datum: Original KB @ 1,244.50ft (default)
 KB: 12.0ft
 API-10: 0403016757

Wellbore: ORIGINAL HOLE
 PBMD: 3,212.0ft
 Btm TMD: 3,270.0ft
 Spud Date/Time: 12/13/2000
 BH Coord X: 6,122,907.93usft
 BH Coord Y: 2,287,262.98usft

Cement Depths - MD, TVD (ft)	Schematic (10/21/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)					
12.0ft, 12.0ft (TOC)			18" Hole	12.0	52.0	12.0	52.0					
12.0ft, 12.0ft (TOC)			12-1/4" HOLE	52.0	491.0	52.0	491.0					
12.0ft, 12.0ft (TOC)			7-7/8" HOLE	491.0	3,270.0	491.0	3,269.4					
			CONDUCTOR CASING Report Date: 12/9/2000 00:00									
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	14.000				12.0	52.0	12.0	52.0	
			SURFACE CASING Report Date: 12/15/2000 00:00									
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
			CASING JOINT(S)	8.625	K-55	24.00	STC	12.0	444.0	12.0	444.0	
			CASING JOINT(S)	8.625	K-55	24.00	STC	444.0	444.0	444.0	444.0	
			CASING JOINT(S)	8.625	K-55	24.00	STC	444.0	488.9	444.0	488.9	
			GUIDE SHOE	8.625			STC	488.9	491.0	488.9	491.0	
		PRODUCTION CASING Report Date: 12/21/2000 00:00										
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)		
		CASING JOINT(S)	5.500	N-80	17.00	LTC	12.0	2,722.9	12.0	2722.5		
		FLAG JOINT	5.500	N-80	17.00	LTC	2,722.9	2,742.6	2722.5	2742.2		
		CASING JOINT(S)	5.500	N-80	17.00	LTC	2,742.6	3,225.4	2742.2	3224.9		
		CASING JOINT(S)	5.500	N-80	17.00	LTC	3,225.4	3,225.4	3224.9	3224.9		
		CASING JOINT(S)	5.500	N-80	17.00	LTC	3,225.4	3,262.3	3224.9	3261.8		
		GUIDE SHOE	5.500			LTC	3,262.3	3,264.0	3261.8	3263.5		
491.0ft, 491.0ft			Date								Type	Remarks
			TUBING STRING							Well: 78-35R	S/T/R: 35/30S/23E	
			Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL				
			TH-ROT	12.0	12.7	12.0	12.7	-----				
			FATNIP	12.7	13.4	12.7	13.3	Cond. Csg. Cmt Vol: Unknown				
			TBGJNT	13.4	3,002.4	13.3	3001.9	Hole Size: 18"				
			STNIP	3,002.4	3,003.5	3001.9	3003.0	Casing Size: 14"				
			TBGJNT	3,003.5	3,034.3	3003.0	3033.8	Top Job: Unknown				
			DESAND	3,034.3	3,037.2	3033.8	3036.8	Rtns to Sfc: Unknown				
			TBGJNT	3,037.2	3,068.5	3036.8	3068.0	TOC: Unknown				
			PLUG BACK							-----		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Surface Csg. Cmt Vol: 801 cf				
			CEMENT	3,212.0	3,264.0	3211.4	3263.4	Class 'G' Lead Cement: 660 cf				
			CEMENT	3,264.0	3,270.0	3263.4	3269.4	Yield: 2.2, Density: 12.4 ppg.				
			ROD STRING							Class 'G' Tail Cement: 141 cf		
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 1.34 Density: 14.8 ppg.				
			POLROD	0.0	30.0	0.0	30.0	Hole Size: 12.25"				
			R-4PER	30.0	3,000.0	30.0	2999.5	Casing Size: 8.625"				
			STB3P	3,000.0	3,004.0	2999.5	3003.5	Top Job: No				
			INSPMP	3,004.0	3,024.0	3003.5	3023.5	Rtns to Sfc: Yes (61 Bbls)				
										TTOC: 12'		

										Prod Csg. Cmt Vol: 923 cf		
										Class 'G' Lead Cement: 647 cf		
										Yield: 2.64, Density: 11.8 ppg.		
										Class 'G' Tail Cement: 276 cf		
										Yield: 1.38, Density: 14.8 ppg.		
										Hole Size: 7.875"		
										Casing Size: 5.5"		
										Top Job: No		
										Rtns to Sfc: Yes (47 Bbls)		
										TTOC: 12'		

										Screen/Slotted Liner Cmt Vol: NA cf		
										Hole Size: NA		
										Casing Size: NA		
										Top Job: NA		
										Rtns to Sfc: NA		
										TTOC: NA		

										Cavity Shot: None		
										Junk: None		

										Volume Behind Pipe:		
										Assumed Yield: 1.15		
										Theoretical Calculations (TTOC)		

										R. Aguilar		
										Date: 11/2022		
3264.0ft, 3263.4ft			Formation Name	MD(ft)		TVD(ft)						
			AMNICOLA	565.6		565.6						
			LOWER_TULARE	599.9		599.8						
			SANJOAQUIN	1,107.5		1,107.4						

CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 35R
 Well Status: ACTIVE
 Status date: 11/2/2018

67-35R

Ground Level: 1,234.8ft
 Datum: Original KB @ 1,247.80ft (default)
 KB: 13.0ft
 API-10: 0403017446

Wellbore: ORIGINAL HOLE
 PBMD: 3,280.0ft
 Btm TMD: 3,330.0ft
 Spud Date/Time: 10/25/2001
 BH Coord X: 6,122,473.97usft
 BH Coord Y: 2,287,936.93usft

Cement Depths - MD, TVD (ft)	Schematic (11/2/2018)	Openings Top/Btm/Type/Status
13.0ft, 13.0ft (TOC) 13.0ft, 13.0ft (TOC)		
1087.0ft, 1087.0ft		
3322.0ft, 3311.4ft		

Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)
18"Hole	13.0	53.0		
12-1/4" HOLE	53.0	1,088.0		1,088.0
7-7/8" HOLE	1,088.0	3,330.0	1,088.0	3,319.8

CONDUCTOR CASING Report Date: 10/11/2001 00:00									
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
CASING JOINT(S)	14.000				13.0	53.0	13.0	53.0	

SURFACE CASING Report Date: 10/26/2001 00:00									
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
CASING JOINT(S)	8.625	K-55	24.00	STC	13.0	1,087.0	13.0	1087.0	

PRODUCTION CASING Report Date: 10/31/2001 00:00									
Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
CASING JOINT(S)	5.500	N-80	17.00	LTC	13.0	2,479.0	13.0	2475.9	
FLAG JOINT	5.500	N-80	17.00	LTC	2,479.0	2,495.4	2475.9	2492.2	
CASING JOINT(S)	5.500	N-80	17.00	LTC	2,495.4	3,280.7	2492.2	3270.6	
	5.500	N-80	17.00	LTC	3,280.7	3,280.7	3270.6	3270.6	
CASING JOINT(S)	5.500	N-80	17.00	LTC	3,280.7	3,321.0	3270.6	3310.4	
GUIDE SHOE	5.500	N-80	17.00	LTC	3,321.0	3,322.0	3310.4	3311.4	

TUBING STRING					Well: 67-35R	S/T/R: 35/30S/23E
Component	Top MD	Btm MD	Top TVD	BTM TVD	CASING CEMENT DETAIL	
TH-ROT	13.0	13.7	13.0	13.7	-----	
FATNIP	13.7	14.4	13.7	14.4	Cond. Csg. Cmt Vol: Unknown	
PUPJNT	14.4	24.5	14.4	24.5	Hole Size: 18"	
TBJGJNT	24.5	2,997.9	24.5	2990.7	Casing Size: 14"	
XO	2,997.9	2,998.3	2990.7	2991.2	Top Job: No	
TBJGJNT	2,998.3	3,029.7	2991.2	3022.3	Rtns to Sfc: Unknown	
STNIP	3,029.7	3,030.5	3022.3	3023.0	TOC: 13'	
WWS	3,030.5	3,054.0	3023.0	3046.3	-----	
BULPLG	3,054.0	3,054.4	3046.3	3046.7	Surface Csg. Cmt Vol: 774 cf	
PLUG BACK					TYPE III Lead Cement: 634 cf	
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Yield: 2.15, Density: 12.4 ppg.	
CEMENT	3,280.0	3,322.0	3269.9	3311.4	TYPE III Tail Cement: 140 cf	
CEMENT	3,322.0	3,330.0	3311.4	3319.3	Yield: 1.47 Density: 14.2 ppg.	
ROD STRING					Hole Size: 12.25"	
Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Casing Size: 8.625"	
POLROD	0.0	30.0	0.0	30.0	Top Job: No	
PNYROD	30.0	48.0	30.0	48.0	Rtns to Sfc: Yes (7 Bbls)	
R-4PER	48.0	1,068.0	48.0	1068.0	TTOC: 13'	
ROD	1,068.0	2,478.0	1068.0	2474.9	-----	
R-4PER	2,478.0	2,958.0	2474.9	2951.2	Prod Csg. Cmt Vol: 765 cf	
SHRCPL	2,958.0	2,959.0	2951.2	2952.2	HLC III Lead Cement: 485 cf	
R-4PER	2,959.0	3,019.0	2952.2	3011.7	Yield: 2.14, Density: 12.5 ppg.	
ROD	3,019.0	3,044.0	3011.7	3036.4	Class 'G' Tail Cement: 280 cf	
INSPMP	3,044.0	3,056.0	3036.4	3048.3	Yield: 1.38, Density: 14.8 ppg.	

2,600.0ft, 2,618.0ft, 10/29/2004, OPEN
2,621.0ft, 2,633.0ft, 10/29/2004, OPEN
2,882.0ft, 2,898.0ft, 11/6/2001, OPEN
2,898.0ft, 2,914.0ft, 11/6/2001, OPEN
2,990.0ft, 2,998.0ft, 11/5/2001, OPEN
3,021.0ft, 3,027.0ft, 11/5/2001, OPEN

Formation Name	MD(ft)	TVD(ft)
AMNICOLA	548.9	548.9
AMNICOLA_BASE	580.7	580.7
SANJOAQUIN	1,082.7	1,082.7

Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC)
R. Aguilar Date: 11/2022

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CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 35R
Well Status: ACTIVE
Status date: 8/24/2018

58-35R

Ground Level: 1,217.8ft
Datum: Original KB @ 1,229.80ft (default)
KB: 12.0ft
API-10: 0403020776

Wellbore: ORIGINAL HOLE
PBMD: 4,538.2ft
Btm TMD: 4,582.0ft
Spud Date/Time: 8/20/2002
BH Coord X: 6,121,964.30usft
BH Coord Y: 2,287,209.10usft

Cement Depths - MD, TVD (ft)	Schematic (8/24/2018)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)							
12.0ft, 12.0ft (TOC)			18" Hole	12.0	52.0	12.0	52.0							
12.0ft, 12.0ft (TOC)			12-1/4" HOLE	52.0	968.0	52.0	968.0							
12.0ft, 12.0ft (TOC)			7-7/8" HOLE	968.0	4,582.0	968.0	4,580.7							
			CONDUCTOR CASING Report Date: 7/30/2002 00:00											
			Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
			CASING JOINT(S)	14.000				12.0	52.0	12.0	52.0			
			SURFACE CASING Report Date: 8/21/2002 00:00											
			Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
			CASING JOINT(S)	8.625	K-55	24.00	STC	12.0	932.5	12.0	932.4			
			CASING JOINT(S)	8.625	K-55	24.00	STC	932.5	932.5	932.4	932.4			
			GUIDE SHOE	8.625	K-55		STC	966.0	967.0	966.0	967.0			
			PRODUCTION CASING Report Date: 8/30/2002 00:00											
			Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)			
			CASING JOINT(S)	5.500	N-80	17.00	LTC	12.0	3,020.0	12.0	3019.0			
			FLAG JOINT	5.500	N-80	17.00	LTC	3,020.0	3,036.1	3019.0	3035.0			
			CASING JOINT(S)	5.500	N-80	17.00	LTC	3,036.1	4,538.2	3035.0	4536.9			
			CASING JOINT(S)	5.500	N-80	17.00	LTC	4,538.2	4,538.2	4536.9	4536.9			
			CASING JOINT(S)	5.500	N-80	17.00	LTC	4,538.2	4,581.0	4536.9	4579.7			
			GUIDE SHOE	5.500	N-80	17.00	LTC	4,581.0	4,582.0	4579.7	4580.7			
967.0ft, 967.0ft			Date Type Remarks											
			TUBING STRING											
			Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 58-35R S/T/R: 35/30S/23E CASING CEMENT DETAIL ----- Cond. Csg. Cmt Vol: Unknown Hole Size: 18" Casing Size: 14" Top Job: Unknown Rtns to Sfc: Unknown TOC: Unknown ----- Surface Csg. Cmt Vol: 621 cf Class 'G' Lead Cement: 495 cf Yield: 2.2, Density: 12.4 ppg. Class 'G' Tail Cement: 126 cf Yield: 1.34 Density: 14.2 ppg. Hole Size: 12.25" Casing Size: 8.625" Top Job: No Rtns to Sfc: Yes (24 Bbls) TTOC: 12' ----- Prod Csg. Cmt Vol: 970 cf Class 'G' Lead Cement: 808 cf Yield: 2.08, Density: 12.4 ppg. Class 'G' Tail Cement: 362 cf Yield: 1.38, Density: 14.6 ppg. Hole Size: 7.875" Casing Size: 5.5" Top Job: No Rtns to Sfc: Yes (12 Bbls) TTOC: 12' ----- Screen/Slotted Liner Cmt Vol: NA cf Hole Size: NA Casing Size: NA Top Job: NA Rtns to Sfc: NA TTOC: NA ----- Cavity Shot: None Junk: None ----- Volume Behind Pipe: Assumed Yield: 1.15 Theoretical Calculations (TTOC) ----- R. Aguilar Date: 11/2022						
			TH-ROT	12.0	12.7	12.0	12.7							
			FATNIP	12.7	13.4	12.7	13.3							
			TBGJNT	13.4	2,881.0	13.3	2880.0							
			PUPJNT	2,881.0	2,883.2	2880.0	2882.3							
			BJ	2,883.2	2,903.1	2882.3	2902.1							
			FATNIP	2,903.1	2,904.2	2902.1	2903.2							
			CAS	2,904.2	4,304.1	2903.2	4302.8							
			STNIP	4,304.1	4,305.2	4302.8	4303.9							
			CAS	4,305.2	4,336.3	4303.9	4335.0							
			DESAND	4,336.3	4,339.2	4335.0	4337.9							
			TBGJNT	4,339.2	4,370.4	4337.9	4369.1							
			PRGVLV	4,370.4	4,371.1	4369.1	4369.8							
			ROD STRING											
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Formaion Name MD(ft) TVD(ft) AMNICOLA 552.6 552.6 LOWER_TULARE 583.6 583.6 SANJOAQUIN 1,098.3 1,098.3						
			POLROD	0.0	30.0	0.0	30.0							
			PNYROD	30.0	38.0	30.0	38.0							
			ROD	38.0	3,698.0	38.0	3696.8							
			R-4PER	3,698.0	4,208.0	3696.8	4206.7							
			SHRCPL	4,208.0	4,209.0	4206.7	4207.7							
			R-4PER	4,209.0	4,299.0	4207.7	4297.7							
			STBGP	4,299.0	4,303.0	4297.7	4301.7							
			INSPMP	4,303.0	4,319.0	4301.7	4317.7							
		2,608.0ft, 2,620.0ft, 9/13/2002, OPEN												
		2,625.0ft, 2,630.0ft, 9/13/2002, OPEN												
		2,850.0ft, 2,896.0ft, 9/12/2002, OPEN												
		2,952.0ft, 2,965.0ft, 9/12/2002, OPEN												
		3,271.0ft, 3,287.0ft, 9/12/2002, OPEN												
		4,300.0ft, 4,315.0ft, 9/7/2002, OPEN												
		4,315.0ft, 4,330.0ft, 9/7/2002, OPEN												
		4,350.0ft, 4,366.0ft, 9/7/2002, OPEN												
4582.0ft, 4580.7ft														

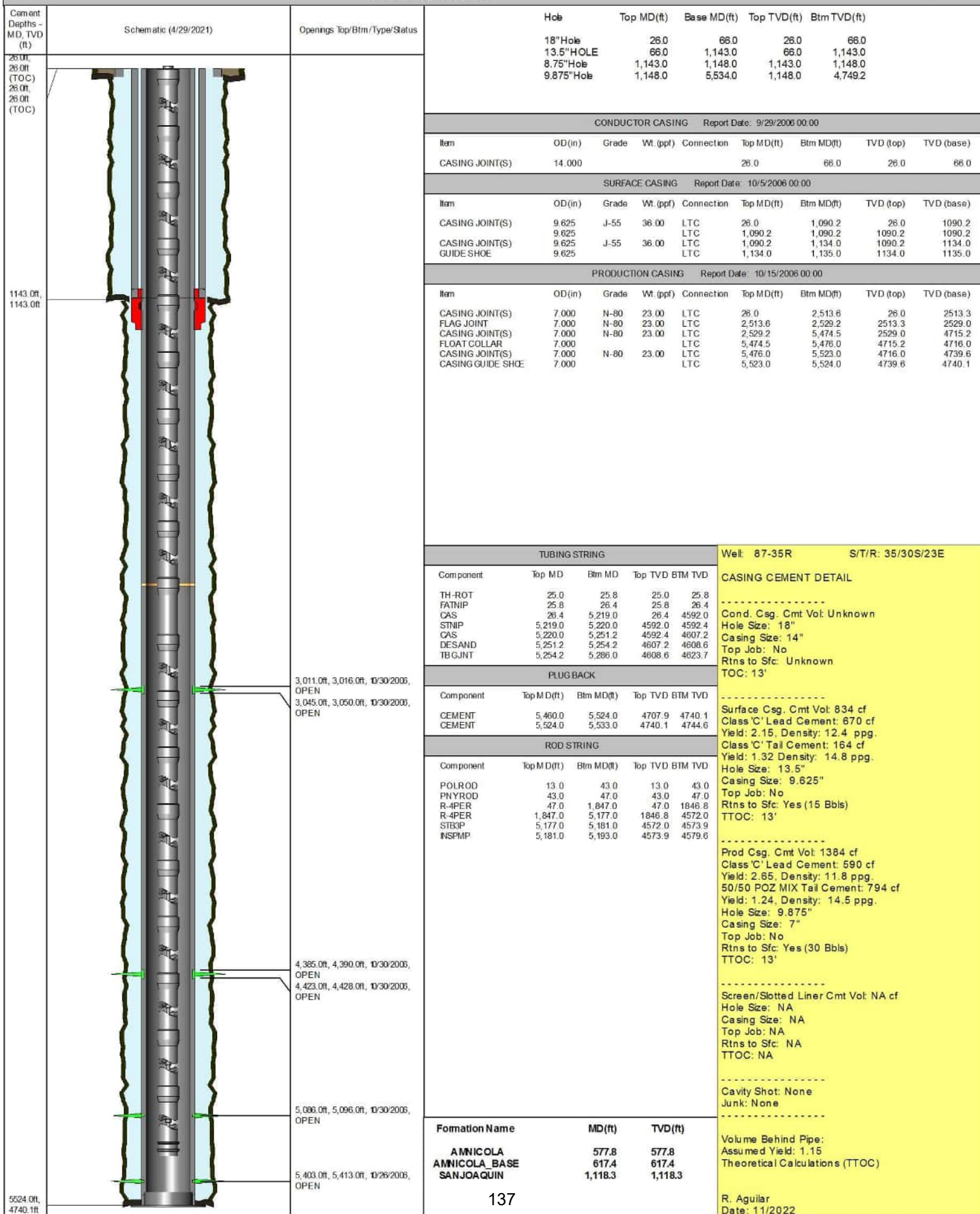
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 35R
 Well Status: ACTIVE
 Status date: 4/29/2021

87-35R

Ground Level: 1,243.6ft
 Datum: Original KB @ 1,269.60ft
 KB: 26.0ft
 API-10: 0403031400

Wellbore: ORIGINAL HOLE
 PBMD: 5,447.0ft
 Btm TMD: 5,508.0ft
 Spud Date/Time: 10/4/2006
 BH Coord X: 6,124,763.93usft
 BH Coord Y: 2,289,218.66usft



Field Name: ELK HILLS
Site Name: 35R
Well Status: ACTIVE
Status date: 7/14/2022

Ground Level: 1,197.7ft
Datum: Original DF @ 1,222.70ft (default)
KB: 25.0ft
API-10: 0403046130

Wellbore: ORIGINAL HOLE
PBMD: 8,914.0ft
Btm TMD: 9,000.0ft
Spud Date/Time: 10/6/2012
BH Coord X: 6,121,277.30usft
BH Coord Y: 2,287,035.06usft

Cement Depths - MD, TVD (ft)	Schematic (7/14/2022)	Openings Top/Btm/Type/Status	Hole		Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)								
			20" Hole	14.75" Hole	10.5" Hole	9.875" Hole	25.0	65.0	1,194.0	6,544.0	25.0	65.0	1,194.0	6,527.6	8,217.7	
25.0ft 25.0ft (TOC) 25.0ft 25.0ft (TOC)			CONDUCTOR CASING Report Date: 9/25/2012 00:00													
		Item	OD (in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)						
		CASING JOINT(S)	16.000				25.0	65.0	25.0	65.0						
		SURFACE CASING Report Date: 10/7/2012 00:00														
		Item	OD (in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)						
		CASING JOINT(S)	10.750	K-55	40.50	BTC	25.0	1,149.9	25.0	1,149.8						
		FLOAT COLLAR	10.750	K-55	40.50	BTC	1,149.9	1,151.4	1,149.8	1,151.3						
		CASING JOINT(S)	10.750	K-55	40.50	BTC	1,151.4	1,190.9	1,151.3	1,190.9						
		CASING SHOE	10.750	K-55	40.50	BTC	1,190.9	1,192.0	1,190.9	1,192.0						
		PRODUCTION CASING Report Date: 10/24/2012 00:00														
	Item	OD (in)	Grade	WT (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)							
	LANDING MANDREL	7.625	L-80	29.70	LTC	25.0	29.3	25.0	29.3							
	CASING JOINT(S)	7.625	L-80	29.70	LTC	29.3	4,886.9	29.3	4,886.4							
	CASING JOINT(S)	7.625	L-80	29.70	LTC	4,886.9	8,914.5	4,886.4	8,914.1							
	FLOAT COLLAR	7.625	L-80	29.70	LTC	8,914.5	8,915.9	8,914.1	8,914.3							
	CASING JOINT(S)	7.625	L-80	29.70	LTC	8,915.9	8,995.9	8,914.3	8,917.9							
	FLOAT SHOE	7.625	L-80	29.70	LTC	8,995.9	8,997.6	8,917.9	8,919.5							
1192.0ft 1192.0ft			Date: 1/12/2016 Type: Downhole Acc. Remarks: Crew noted L/D 1st joint according to CRC procedures.													
			TUBING STRING							Well: 358X-35R S/T/R: 35/30S/23E						
			Component	Top MD	Btm MD	Top TVD	Btm TVD	CASING CEMENT DETAIL								
			TH-DBB	25.0	25.8	25.0	25.7	Cond. Csg. Cmt Vol: Unknown								
			FATNIP	25.8	26.4	25.7	26.4	Hole Size: 20"								
			TBGJNT	26.4	6,531.7	26.4	6515.9	Casing Size: 16"								
			HTBGAN	6,531.7	6,535.3	6515.9	6519.3	Top Job: Unknown								
			TBGJNT	6,535.3	8,377.2	6519.3	8255.9	Rtns to Sfc: Unknown								
			DRAIN	8,377.2	8,377.7	8255.9	8256.3	TOC: Unknown								
			TBGJNT	8,377.7	8,442.7	8256.3	8315.7									
			STNIP	8,442.7	8,443.8	8315.7	8316.7									
			PUPJNT	8,443.8	8,447.9	8316.7	8320.5									
			ROD STRING							Surface Csg. Cmt Vol: 1420 cf						
			Component	Top MD(ft)	Btm MD(ft)	Top TVD	Btm TVD	Class 'G' Lead Cement: 1024 cf								
			POLRDL	0.0	42.0	0.0	42.0	Yield: 2.18, Density: 12.4 ppg.								
			PNYROD	42.0	60.0	42.0	60.0	Class 'G' Tail Cement: 396 cf								
			ROD	60.0	120.0	60.0	120.0	Yield: 1.71 Density: 13.5 ppg.								
			COROD	120.0	1,320.0	120.0	1320.0	Hole Size: 14.75"								
			COROD	1,320.0	2,470.0	1320.0	2469.9	Casing Size: 10.75"								
			COROD	2,470.0	4,169.0	2469.9	4168.7	Top Job: No								
			COROD	4,169.0	6,026.0	4168.7	6605.6	Rtns to Sfc: Yes (60 Bbls)								
			COROD	6,026.0	8,296.0	6605.6	8181.2	TTOC: 25'								
			PNYROD	8,296.0	8,298.0	8181.2	8183.1									
			SHRCPL	8,298.0	8,299.0	8183.1	8184.0									
			STB3P	8,299.0	8,303.0	8184.0	8187.7									
			ON-OFF	8,303.0	8,304.0	8187.7	8188.6									
			STB3P	8,304.0	8,308.0	8188.6	8192.3									
			ROD	8,308.0	8,368.0	8192.3	8247.4									
			INSPMP	8,368.0	8,408.0	8247.4	8284.0									
			Formation Name MD(ft) TVD(ft)							Screen/Slotted Liner Cmt Vol: NA cf						
			AMNICOLA	551.4	551.3	Hole Size: NA										
			LOWER_TULARE	582.4	582.4	Casing Size: NA										
			SANJOAQUIN	1,096.6	1,096.6	Top Job: NA										
						Rtns to Sfc: NA										
						TTOC: NA										
										Cavity Shot: None						
										Junk: None						
										Volume Behind Pipe:						
										Assumed Yield: 1.15						
										Theoretical Calculations (TTOC)						
8897.0ft 8818.9ft										R. Aguilar						
										Date: 11/2022						

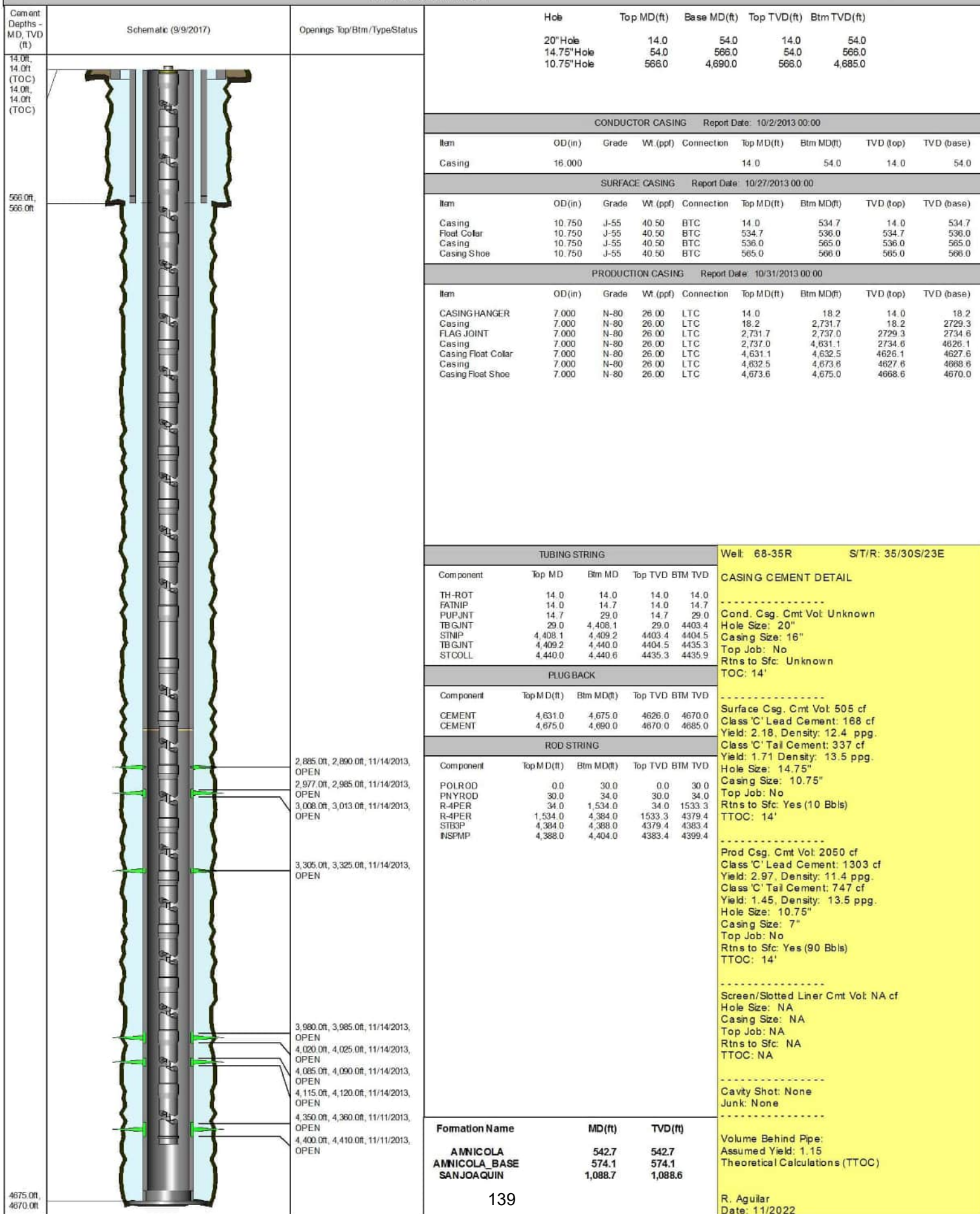
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 35R
 Well Status: ACTIVE
 Status date: 9/9/2017

68-35R

Ground Level: 1,197.6ft
 Datum: Original DF @ 1,211.60ft (default)
 KB: 14.0ft
 API-10: 0403052631

Wellbore: ORIGINAL HOLE
 PBMD: 4,631.0ft
 Btm TMD: 4,690.0ft
 Spud Date/Time: 10/27/2013
 BH Coord X: 6,122,485.34usft
 BH Coord Y: 2,287,183.93usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 35R
 Well Status: ACTIVE
 Status date: 3/1/2021

368-35R

Ground Level: 1,208.4ft
 Datum: Original KB @ 1,233.40ft (AirGap = 25')(default)
 KB: 25.0ft
 API-10: 0403052698

Wellbore: ORIGINAL HOLE
 PBMD: 9,652.0ft
 Btm TMD: 9,690.0ft
 Spud Date/Time: 12/12/2013
 BH Coord X: 6,122,570.41usft
 BH Coord Y: 2,287,127.79usft

Cement Depths - MD, TVD (ft)	Schematic (3/1/2021)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)				
25.0ft 25.0ft (TOC) 25.0ft 25.0ft (TOC)			24" Hole	25.0	65.0						
			14.75" Hole	65.0	1,178.0						
			10.5" Hole	1,178.0	6,073.0	6,073.0	6,073.0				
			8.75" Hole	6,073.0	9,690.0		9,690.0				
			CONDUCTOR CASING Report Date: 11/27/2013 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
			Casing	20.000				25.0	65.0	25.0	65.0
			SURFACE CASING Report Date: 12/13/2013 00:00								
			Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
1178.0ft 1177.8ft			Casing	10.750	J-55	40.50		25.0	1,133.9	25.0	1133.8
		FLOAT COLLAR	10.750		0.00		1,133.9	1,135.2	1133.8	1135.1	
		Casing	10.750	J-55	40.50		1,135.2	1,176.9	1135.1	1176.7	
		GUIDE SHOE	10.750		0.00		1,176.9	1,178.0	1176.7	1177.8	
		PRODUCTION CASING Report Date: 12/27/2013 00:00									
		Item	OD(in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)	
		LANDING MANDREL	7.000	N-80	26.00		25.0	28.3	25.0	28.3	
		Casing	7.000	N80	26.00		28.3	7,525.4	28.3	7519.8	
		Casing	7.000	HCP110	26.00		7,525.4	9,575.3	7519.8	9569.5	
		FLOAT COLLAR	7.000	P 110	26.00		9,575.3	9,576.3	9569.5	9570.4	
		Casing	7.000	HCP110	26.00		9,576.3	9,658.5	9570.4	9652.6	
		FLOAT SHOE	7.000	P 110	26.00		9,658.5	9,660.0	9652.6	9654.2	
		TUBING STRING									
		Component	Top MD	Btm MD	Top TVD	BTM TVD					
		TH-DBB	25.0	25.8	25.0	25.8					
		FATNIP	25.8	26.4	25.8	26.4					
		TBGJNT	26.4	346.1	26.4	346.1					
		XO	346.1	347.2	346.1	347.2					
		TBGJNT	347.2	6,482.9	347.2	6,477.3					
		HTBGAN	6,482.9	6,486.5	6,477.3	6,480.8					
		PUPJNT	6,486.5	6,496.7	6,480.8	6,491.0					
		HTBGAN	6,496.7	6,500.3	6,491.0	6,494.6					
		TBGJNT	6,500.3	9,331.3	6,494.6	9,325.4					
		TBGDRN	9,331.3	9,331.7	9,325.4	9,325.9					
		TBGJNT	9,331.7	9,396.1	9,325.9	9,390.2					
		STNIP	9,396.1	9,397.2	9,390.2	9,391.3					
		PRNIP	9,397.2	9,401.3	9,391.3	9,395.4					
		PLUG BACK									
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD					
		CEMENT	9,652.0	9,660.0	9646.1	9654.1					
		CEMENT	9,660.0	9,690.0	9654.1	9684.1					
		ROD STRING									
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD					
		POLROD	0.0	42.0	0.0	42.0					
		PNYROD	42.0	58.0	42.0	58.0					
		ROD	58.0	178.0	58.0	178.0					
		COROD	178.0	1,580.0	178.0	1579.7					
		COROD	1,580.0	2,993.0	1579.7	2992.4					
		COROD	2,993.0	4,530.0	2992.4	4529.2					
		COROD	4,530.0	5,930.0	4529.2	5926.9					
		R-6PER	5,930.0	9,410.0	5926.9	9404.1					
		PNYROD	9,410.0	9,412.0	9404.1	9406.1					
		SHRCPL	9,412.0	9,413.0	9406.1	9407.1					
		STB3P	9,413.0	9,417.0	9407.1	9411.1					
		ON-OFF	9,417.0	9,418.0	9411.1	9412.1					
		STB3P	9,418.0	9,422.0	9412.1	9416.1					
		INSPMP	9,422.0	9,456.0	9416.1	9450.1					
		Formation Name					MD(ft)	TVD(ft)			
		AMNICOLA									
		LOWER TULARE									
		SANJOAQUIN									
		Screen/Slotted Liner Cmt Vol: NA cf									
		Hole Size: NA									
		Casing Size: NA									
		Top Job: NA									
		Rtns to Sfc: NA									
		TTOC: NA									
		Cavity Shot: None									
		Junk: None									
		Volume Behind Pipe:									
		Assumed Yield: 1.15									
		Theoretical Calculations (TTOC)									
		R. Aguilar									
		Date: 11/2022									

6,686.0ft, 6,716.0ft, 2/28/2014, OPEN

6,740.0ft, 6,756.0ft, 2/28/2014, OPEN

7,488.0ft, 7,498.0ft, 2/28/2014, OPEN

7,634.0ft, 7,678.0ft, 2/28/2014, OPEN

7,838.0ft, 7,854.0ft, 2/28/2014, OPEN

7,912.0ft, 7,930.0ft, 2/28/2014, OPEN

8,002.0ft, 8,014.0ft, 2/28/2014, OPEN

8,036.0ft, 8,046.0ft, 2/28/2014, OPEN

8,054.0ft, 8,102.0ft, 2/28/2014, OPEN

8,164.0ft, 8,182.0ft, 2/28/2014, OPEN

8,200.0ft, 8,206.0ft, 2/28/2014, OPEN

8,256.0ft, 8,286.0ft, 2/28/2014, OPEN

8,292.0ft, 8,300.0ft, 2/28/2014, OPEN

8,306.0ft, 8,320.0ft, 2/28/2014, OPEN

8,344.0ft, 8,354.0ft, 2/28/2014, OPEN

8,424.0ft, 8,436.0ft, 2/28/2014, OPEN

8,482.0ft, 8,490.0ft, 2/28/2014, OPEN

8,524.0ft, 8,554.0ft, 2/28/2014, OPEN

8,602.0ft, 8,616.0ft, 2/28/2014, OPEN

8,624.0ft, 8,634.0ft, 2/28/2014, OPEN

8,650.0ft, 8,664.0ft, 2/28/2014, OPEN

8,728.0ft, 8,740.0ft, 2/28/2014, OPEN

8,760.0ft, 8,768.0ft, 2/28/2014, OPEN

8,950.0ft, 8,956.0ft, 2/28/2014, OPEN

8,998.0ft, 9,004.0ft, 2/28/2014, OPEN

9,034.0ft, 9,056.0ft, 2/28/2014, OPEN

9,084.0ft, 9,092.0ft, 2/28/2014, OPEN

9,560.0ft, 9,590.0ft, 2/28/2014, OPEN

9,600.0ft, 9,630.0ft, 2/28/2014, OPEN

9,654.1ft

Well: 368-35R

S/T/R: 35/31S/23E

CASING CEMENT DETAIL

Cond. Csg. Cmt Vol: Unknown

Hole Size: 24"

Casing Size: 20"

Top Job: No

Rtns to Sfc: Unknown

TOC: 25'

Surface Csg. Cmt Vol: 872 cf

Class 'C' Lead Cement: 660 cf

Yield: 2.15, Density: 12.4 ppg.

Class 'C' Tail Cement: 150 cf

Yield: 1.69 Density: 13.5 ppg.

Hole Size: 14.75"

Casing Size: 10.75"

Top Job: No

Rtns to Sfc: Yes (30 Bbls)

TTOC: 25'

Prod Csg. Cmt Vol: 2223 cf

Class 'G' Lead Cement: 1486 cf

Yield: 1.82 Density: 12.4 ppg.

Class 'G' Tail Cement: 737 cf

Yield: 1.82 Density: 13.5 ppg.

Hole Size: 9.875"

Casing Size: 7"

Top Job: No

Rtns to Sfc: Yes (15 Bbls)

TTOC: 25'

Screen/Slotted Liner Cmt Vol: NA cf

Hole Size: NA

Casing Size: NA

Top Job: NA

Rtns to Sfc: NA

TTOC: NA

Cavity Shot: None

Junk: None

Volume Behind Pipe:

Assumed Yield: 1.15

Theoretical Calculations (TTOC)

R. Aguilar

Date: 11/2022

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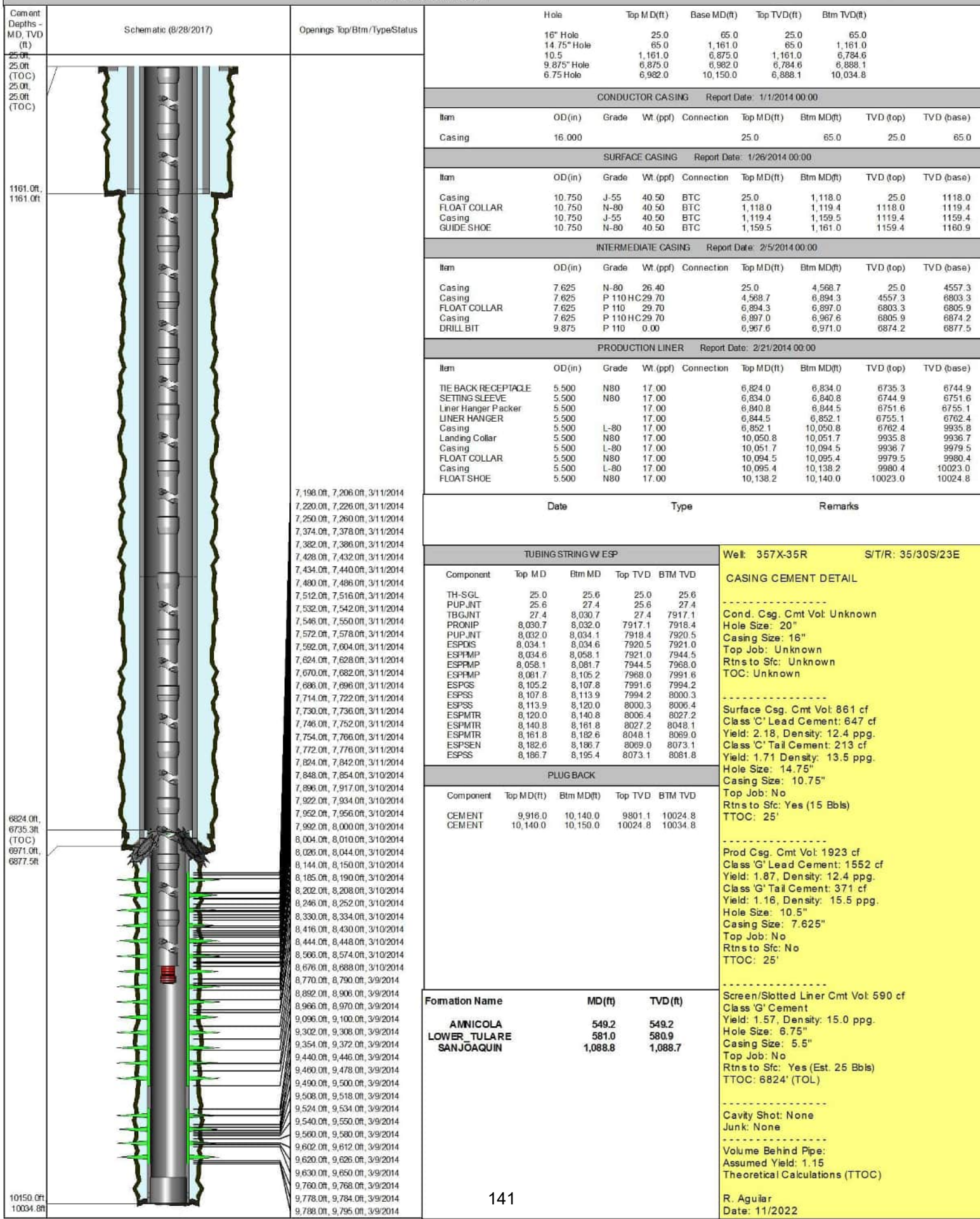
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
Site Name: 35R
Well Status: INACTIVE
Status date: 8/28/2017

357X-35R

Ground Level: 1,208.4ft
Datum: Original DF @ 1,233.40ft (Air Gap = 25')(default)
KB: 25.0ft
API-10: 0403053561

Wellbore: ORIGINAL HOLE
PBMD: 9,916.0ft
Btm TMD: 10,150.0ft
Spud Date/Time: 1/25/2014
BH Coord X: 6,121,533.91usft
BH Coord Y: 2,287,619.98usft



CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 35R
 Well Status: P&A
 Status date: 2/8/2022

357A-35R

Ground Level: 1,197.3ft
 Datum: Original DF @ 1,222.27ft (Kenai 21 - 25' KB)(default)
 KB: 25.0ft
 API-10: 0403066874

Wellbore: ORIGINAL HOLE
 PBMD:
 Btm TMD: 10,477.0ft
 Spud Date/Time: 2/6/2020
 BH Coord X: 6,122,116.42usft
 BH Coord Y: 2,287,603.95usft

Cement Depths - MD, TVD (ft)	Schematic (2/8/2022)	Openings Top/Btm/Type/Status	Hole	Top MD(ft)	Base MD(ft)	Top TVD(ft)	Btm TVD(ft)			
			24" Hole	25.0	105.0	25.0	105.0			
			14.75" Hole	105.0	1,805.0	105.0	1,804.9			
			9.875" Hole	1,805.0	10,477.0	1,804.9	10,452.3			
25.0ft, 25.0ft (TOC)			PRE-SET CONDUCTOR Report Date: 1/23/2020 00:00							
105.0ft, 105.0ft		Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
1600.0ft, 1600.0ft (TOC)		Casing	16.000	K-55	42.05	WELD ON	25.0	105.0		
1805.0ft, 1805.0ft		SURFACE CASING Report Date: 2/7/2020 00:00								
1843.0ft, 1843.0ft		Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
2100.0ft, 2100.0ft (TOC)		Casing	10.750	K-55	40.50	BTC	25.0	1,760.4	1,760.4	
2100.0ft, 2100.0ft		Float Collar	10.750	K-55	40.50	BTC	1,762.0	1,803.1	1,803.1	
		Casing	10.750	K-55	40.50	BTC	1,762.0	1,803.1	1,803.1	
		Float Shoe	10.750	K-55	40.50	BTC	1,803.1	1,805.0	1,805.0	
			INTERMEDIATE CASING Report Date: 2/28/2020 00:00							
		Item	OD (in)	Grade	Wt. (ppf)	Connection	Top MD(ft)	Btm MD(ft)	TVD (top)	TVD (base)
		LANDING JOINT	7.625	P-110	29.70	GEO CONN	25.0	56.4		
		CASING MANDREL	7.625	P-110	29.70	GEO CONN	56.4	66.3		
		Casing	7.625	P-110	29.00	GEO CONN	66.3	6,609.3	6,609.3	
		Float Collar	7.625	P-110	29.70	GEO CONN	6,609.3	6,610.7	6,610.7	
		Casing	7.625	P-110	29.00	GEO CONN	6,610.7	6,700.4	6,700.4	
		Float Collar	7.625	P-110	29.70	GEO CONN	6,700.4	6,701.8	6,701.8	
		DRILL-IN SHOE	7.625	P-110	29.70	GEO CONN	6,701.8	6,705.6	6,705.6	
		Date Type Remarks								
		TUBING STRING								
		Component	Top MD	Btm MD	Top TVD	BTM TVD	Well: 357A-35R S/T/R: 35/30S/23E			
		TH-DBB	25.0	25.7			CASING CEMENT DETAIL			
		FATNIP	25.7	26.3			-----			
		TBGJNT	26.3	343.9			Cond. Csg. Cmt Vol: Unknown			
		XO	343.9	345.0			Hole Size: 24"			
		TBGJNT	345.0	6,673.9			Casing Size: 16"			
		HTBGAN	6,673.9	6,677.3			Top Job: Unknown			
		TBGJNT	6,677.3	8,328.9			Rtns to Sfc: Unknown			
		DRAIN	8,328.9	8,329.4			TOC: Unknown			
		TBGJNT	8,329.4	8,392.3			-----			
		STNIP	8,392.3	8,393.4			Surface Csg. Cmt Vol: 1292 cf			
		PUPJNT	8,393.4	8,397.5			Class 'C' Lead Cement: 1088 cf			
		MULESH	8,397.5	8,397.9			Yield: 2.2, Density: 11.8 ppg.			
		ROD STRING								
		Component	Top MD(ft)	Btm MD(ft)	Top TVD	BTM TVD	Class 'C' Tail Cement: 204 cf			
		POLRDL	0.0	36.0			Yield: 1.7 Density: 13.5 ppg.			
		PNYROD	36.0	44.0			Hole Size: 14.75"			
		ROD	44.0	74.0			Casing Size: 10.75"			
		COROD	74.0	1,379.0			Top Job: No			
		COROD	1,379.0	2,264.0			Rtns to Sfc: Yes (40 Bbls)			
		UNK	2,264.0	3,169.0			TTOC: 25'			
		UNK	3,169.0	4,088.0			-----			
		UNK	4,088.0	4,872.0			Prod Csg. Cmt Vol: 0 cf			
		UNK	4,872.0	8,316.0			Class 'G' Lead Cement: 0 cf			
		PNYROD	8,316.0	8,318.0			Yield: 0.00, Density: 0.0 ppg.			
		SHRCPL	8,318.0	8,319.0			Class 'G' Tail Cement: 0 cf			
		STB3P	8,319.0	8,323.0			Yield: 0.0, Density: 0.0 ppg.			
		ON-OFF	8,323.0	8,324.0			Hole Size: NA			
		RSTBAR	8,324.0	8,328.0			Casing Size: NA			
		INSPMP	8,328.0	8,358.0			Top Job: NA			
		Screen/Slotted Liner Cmt Vol: NA cf								
		Formation Name	MD(ft)	TVD(ft)	Hole Size: NA					
		AMNCOLA	599.5	599.4	Casing Size: NA					
		LOWER_TULARE	630.2	630.1	Top Job: NA					
		SANJOAQUIN	1,145.9	1,145.7	Rtns to Sfc: NA					
		TTOC: NA								

		Cavity Shot: None								
		Junk: None								

		Volume Behind Pipe:								
		Assumed Yield: 1.15								
		Theoretical Calculations (TTOC)								

		R. Aguilar								
		Date: 11/2022								

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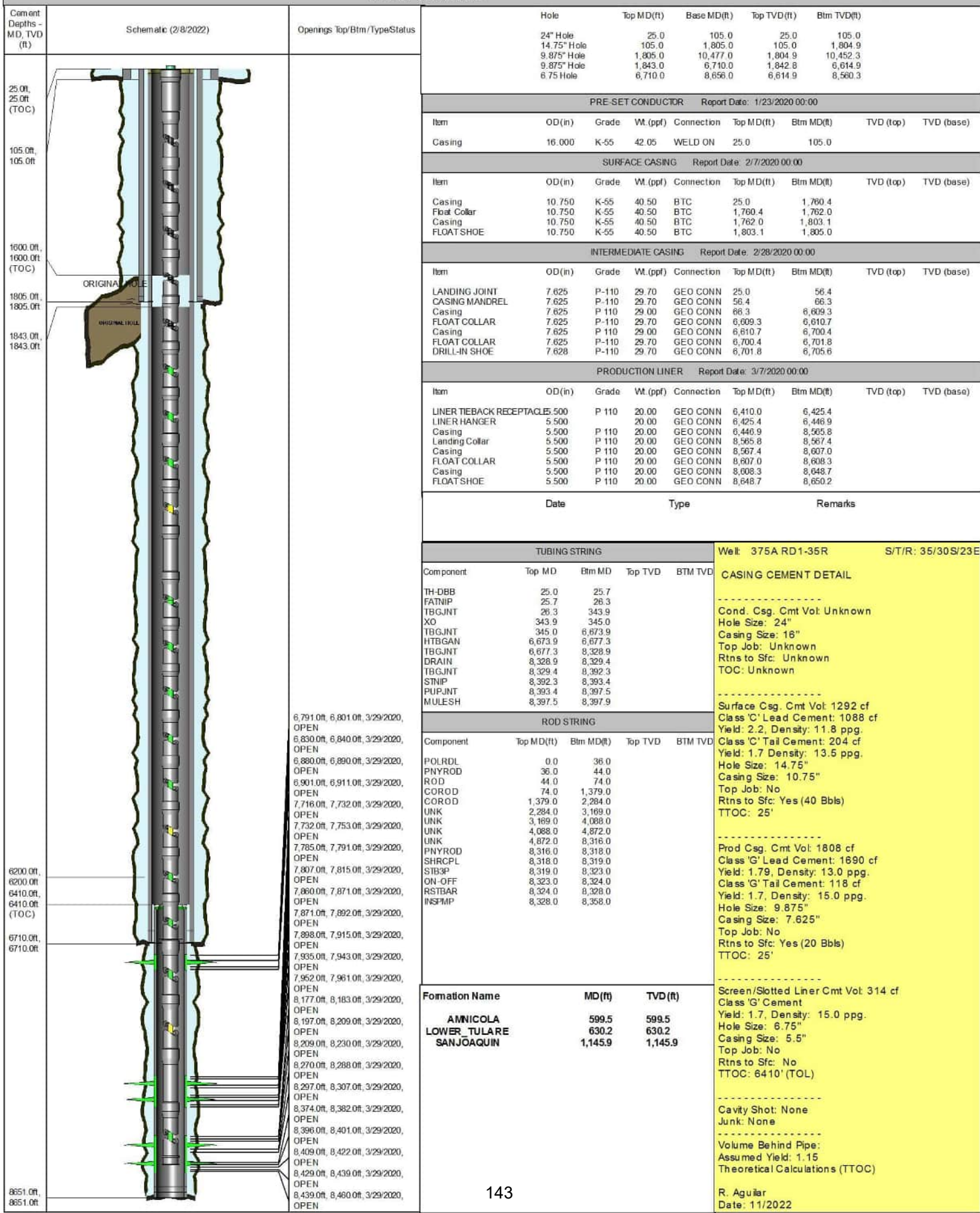
CALIFORNIA RESOURCES ELK HILLS, LLC

Field Name: ELK HILLS
 Site Name: 35R
 Well Status: ACTIVE
 Status date: 2/8/2022

357A-35R

Ground Level: 1,197.3ft
 Datum: Original DF @ 1,222.27ft (Kenai 21 - 25' KB)(default)
 KB: 25.0ft
 API-10: 0403066874

Wellbore: ST 1
 PBMD: 8,560.0ft
 Btm TMD: 8,656.0ft
 Spud Date/Time: 2/6/2020
 BH Coord X: 6,122,145.39usft
 BH Coord Y: 2,287,740.05usft



APPENDIX C – EPA REPORTING FORMS

Underground Injection Control Reporting Forms for Owners or Operators

7520 reporting forms for owners or operators

The website for downloading these forms is at:

<https://www.epa.gov/uic/underground-injection-control-reporting-forms-owners-or-operators>

Form 7520-7: Application to Transfer Permit

Form 7520-9: Completion of Construction

Form 7520-10: Well Completion Report

Form 7520-11: Annual Well Monitoring Report

Form 7520-12: Well Rework Record

Form 7520-14: Plugging and Abandonment Plan

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 9

RADIOACTIVE TRACER SURVEY (RTS) GUIDELINES

Introduction:

The intent of this guideline document is to provide general guidance to owners and operators of Class I non-hazardous underground injection wells for performing radioactive tracer surveys (RTS) used as a means of testing and measuring the external mechanical integrity of these wells as defined in 40 CFR Part 146.8(a)(2). These guidelines are general in nature and individual well conditions may require deviations from these procedures. All proposed plans and any deviations from these guidelines to conduct radioactive tracer surveys must be approved in advance by the EPA Region 9 Drinking Water Protection Section.

Basic Guidelines:

Prior to commencing performance of the RTS, the operator must have available onsite the following:

- EPA approved plan for conducting the RTS
- Reference Gamma Ray (GR) or Open Hole logs and complete well construction details

The logging company must provide a drawing of their tool configuration with tool diameter, tool length, spacing between detectors, ejector location, casing collar log (CCL), a sketch of the well to be tested construction details and equipment details as part of the logging record.

Tool must include dual GR detectors spaced below the ejector port, centralized with a bow spring centralizer (or motorized centralizer) and be run in conjunction with a CCL.

GR logs are usually run at approximately 60 ft /min. at a time constant of 1 second or 30 ft/min. at a time constant of 2 seconds. Indicate the logging speed and time constant on the logging record. The log scale should preferably correspond with that of the Reference lithology logs that are made available for onsite correlation.

The radioisotope typically utilized for tracer surveys in injection wells is sodium iodine 131 with a half-life of 8.05 days. It is important that the isotope be completely soluble with the injectate fluid.

Example Procedure:

Indicate the beginning and ending clock times on each log pass. Indicate the volume of water injected between log passes. Indicate the volume and concentration of each slug of tracer material and the depth and location of each slug. Where possible, the tracer survey should be conducted utilizing the facility's permitted injectate. If that is not possible, the injected water should have a specific gravity equivalent to that of the facility wastewater and be compatible with the formation and previously injected wastewater. A hydraulically actuated packoff (lubricator) should be utilized even when high well pressures are not expected.

Install the RTS tool with an upper and lower detector and CCL. The RTS tool should be configured to run a standard RTS and to conduct velocity shots. Place the RTS tool in the lubricator and mount lubricator onto the injection wellhead. Open the master valve and slowly start pumping into the well until the desired flow rate is reached.

Radioactive Baseline Survey

1. Run a Correlation GR log with a CCL for 200 to 400 feet at or near the injection interval, provided lithology changes are sufficient for correlation purposes. This will allow equipment to be set on proper depths with the Reference Open Hole or GR logs for the well. The CCL should be run through the packer setting depth and preferably past a short casing joint to collect reference depth information.
2. Run a Base GR log from total depth to approximately 400 feet above the packer setting depth. The log sensitivity should be set such that the slug trace response will take up the entire horizontal log scale in API units. The Base log need not be sensitive enough to show lithology. Record the Total Depth for this initial Base log.
3. Record the injection rate and pressure on the well log record for each log pass. The test should be conducted at the rate corresponding to the Maximum Authorized Injection Pressure (MAIP); however, where the well has been operating at a pressure and rate that are lower than the MAIP, the operator may request approval in advance that the RTS should be run at those operating pressures and rates in which the well normally operates (lower than the MAIP).

Radioactive Tracer Depth Drive Survey

4. Initiate the first slug/ejection with the ejector situated approximately 200 feet above the packer. Record the depth and time, verify ejection of the slug, then drop below the slug and record the time, logging speed, time constant, flow rate, etc. Proceed to make the first logging run up through the slug to above where the slug was initially ejected. Note the time when logging terminated, then again drop past the slug and repeat the logging procedure, each time overlapping the previous log and up to a point where the log returns to baseline. Repeat the

logging sequence until all tracer material has exited the wellbore or has diminished substantial amounts.

Radioactive Tracer Time Drive Survey

5. Initiate a second ejection with the tool set 2 to 5 feet above the injection interval and on time drive. Wait for the pre-calculated Wait-Time to observe whether any vertical migration is occurring. Increase the pump rate to the anticipated operating injection rate and leave on time drive for another 10 to 15 minutes. Note times, flow rates, pressures, and slug depth.

Radioactive Tracer Vertical Migration Survey

6. Initiate a third ejection approximately 200 feet above the packer, then follow the slug to the injection zone using multiple log passes as with the first slug/ejection to check for leakage around the packer.

Radioactive Tracer Velocity Survey

7. These can be performed at this juncture of the testing. First, run a velocity profile over the injection horizon noting injection rate. Make velocity shots of tracer material at recorded intervals while injection is occurring at less than normal or peak pumping rates. Run the gamma ray tool through the injection zone and record injectate across the intervals injected. Increase the well injection rate to maximum or normal pumping rate and repeat velocity shots of tracer material at recorded intervals. Run the GR tool through the injection zone and record injectate across the intervals injected at the higher well pumping rate. The information gathered from the two passes made at different pumping rates will allow flow distribution to be compared at the different rates.

Radioactive Post Tracer Survey

8. After sufficient testing has been done to determine the exit point of the tracer material and for indications of vertical migration, drop to and record this second total depth and run a final Base GR log from total depth to approximately 400 feet above the packer at the same logging speed and sensitivity as with initial base log. These two logs should overlay each other with all the “hot spots” being explainable.

Post Survey Requirements

9. Interpretation of the log must be provided by the logging company on the log itself. The well log heading should be completely filled out with all essential information provided such as well name and number, coordinates, well owner/operator, reference logs, and elevations, etc. documented. The log should

be depicted in a manner that fully describes the operations conducted with explanations inserted to minimize the possibility of misinterpretation. Three copies of the final prints must be forwarded to the EPA Region 9 Groundwater Office within 30 days of the survey. The electronic copy may be provided via mailed storage disk, email or a web accessed site. Courtesy field copies provided to the onsite EPA Inspector are not official records.

10. The operator provides an analytical interpretation of the logging results performed by a qualified analyst. This must include a written description of the procedure, the methodology used to calculate the Wait-Time and conclusions drawn from the test. The submittal must also include a fluid loss profile across the injection interval.

NOTE: The above referenced method for performing a Radioactive Tracer Survey (RTS) is not necessarily prescriptive of how all tests are to be conducted. Each underground injection well presents unique subsurface geological, pressure and injection rate situations which must be properly accounted for when designing specific RTS plans and procedures and approved in advance.

References and Additional Information:

Refer to the following EPA publications for additional information and guidance on running and interpreting radioactive tracer and temperature logs for evaluation of injection well integrity:

- Dr. R. M. McKinley's publication EPA/600/R-94/124, *Temperature, Radioactive Tracer, and Noise Logging for Injection Well Integrity*.
It is out of print, but can be downloaded (searched as "600R94124") from the National Service Center for Environmental Publications (NSCEP) site:
<https://www.epa.gov/nscep>
- EPA Region 8 UIC Program Staff Guidance Document at:
<http://www2.epa.gov/sites/production/files/documents/INFO-RATS.pdf>

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 9

TEMPERATURE LOGGING GUIDELINES

A Temperature "Decay" Log (two separate temperature logging passes) must satisfy the following criteria to be considered a valid MIT as specified by 40 CFR §146.8(c)(1). Variances to these requirements are expected for certain circumstances, but they must be approved prior to running the log. As a general rule, the well shall inject for approximately six (6) months prior to running a temperature decay progression sequence of logs.

1. With the printed log, also provide raw data for both logging runs (at least one data reading per foot depth) unless the logging truck is equipped with an analog panel as the processing device.
2. The heading on the log must be complete and include all the pertinent information, such as correct well name, location, elevations, etc.
3. The total shut-in times must be clearly shown in the heading. Minimum shut-in time for active injectors is twelve (12) hours for running the initial temperature log, followed by a second log, a minimum of four (4) hours later. These two log runs will be superimposed on the same track for final presentation.
4. The logging speed must be kept between twenty (20) and fifty (50) feet per minute (30 ft/min optimum) for both logs. The temperature sensor should be located as close to the bottom of the tool string as possible (logging downhole).
5. The vertical depth scale of the log should be one (1) or two (2) inches per one-hundred (100) feet to match lithology logs (see 7(b)). The horizontal temperature scale should be no more than one Fahrenheit degree per inch spacing.
6. The right hand tracks must contain the "absolute" temperature and the "differential" temperature curves with both log runs identified and clearly superimposed for comparison and interpretation purposes.
7. The left hand tracks must contain (unless impractical, but EPA must pre-approve any deviations):
 - (a) a collar locator log,
 - (b) a lithology log which includes either:
 - (i) an historic Gamma Ray that is "readable", i.e. one that demonstrates lithologic changes without either excessive activity by the needle or severely dampened responses;
or
 - (ii) a copy of an original spontaneous potential (SP) curve from either the subject well or from a representative, nearby well.
 - (c) A clear identification on the log showing the base of the lowermost Underground Source of Drinking Water (USDW). A USDW is basically a formation that contains less than ten thousand (10,000) parts per million (ppm) Total Dissolved Solids (TDS) and is further defined in 40 CFR §144.3.

APPENDIX E

EPA Region 9 UIC Pressure Falloff

Requirements UIC Permit R9UIC-CA1-FY23-1

**EPA Region 9
UIC PRESSURE FALLOFF
REQUIREMENTS**

**Condensed version of the
EPA Region 6
UIC PRESSURE FALLOFF
TESTING GUIDELINE
Third Revision**

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August 8, 2002

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REQUIREMENTS

UIC PRESSURE FALLOFF TESTING GUIDELINE

Third Revision

August 8, 2002

1.0 Background

Region 9 has adopted the Region 6 UIC Pressure Falloff Testing Guideline requirements for monitoring Class 1 Non Hazardous waste disposal wells. Under 40 CFR 146.13(d)(1), operators are required annually to monitor the pressure buildup in the injection zone, including at a minimum, a shut down of the well for a time sufficient to conduct a valid observation of the pressure falloff curve.

All of the following parameters (Test, Period, Analysis) are critical for evaluation of technical adequacy of UIC permits:

A falloff **test** is a pressure transient test that consists of shutting in an injection well and measuring the pressure falloff. The falloff **period** is a replay of the injection preceding it; consequently, it is impacted by the magnitude, length, and rate fluctuations of the injection period. Falloff testing **analysis** provides transmissibility, skin factor, and well flowing and static pressures.

2.0 Purpose of Guideline

This guideline has been adopted by the Region 9 office of the Environmental Protection Agency (EPA) to assist operators in **planning and conducting** the falloff test and preparing the **annual monitoring report**.

Falloff tests provide reservoir pressure data and characterize both the injection interval reservoir and the completion condition of the injection well. Both the reservoir parameters and pressure data are necessary for UIC permit demonstrations. Additionally, a valid falloff test is a monitoring requirement under 40 CFR Part 146 for all Class I injection wells.

The ultimate responsibility of conducting a valid falloff test is the task of the operator. Operators should QA/QC the pressure data and test results to confirm that the results “make sense” prior to submission of the report to the EPA for review.

3.0 Timing of Falloff Tests and Report Submission

Falloff **tests** must be conducted annually. The time **interval** for each test should not be less than 9 months or greater than 15 months from the previous test. This will ensure that the tests will be performed at relatively even intervals.

The falloff testing **report** should be submitted no later than 60 days following the test. Failure to submit a falloff test report will be considered a violation and may result in an enforcement action. Any exceptions should be approved by EPA prior to conducting the test.

4.0 Falloff Test Report Requirements

In general, the **report** to EPA should provide:

- (1) general information and an overview of the falloff test,
- (2) an analysis of the pressure data obtained during the test,
- (3) a summary of the test results, and
- (4) a comparison of those results with previously used parameters.

Some of the following operator and well data will not change so once acquired, it can be copied and submitted with each annual report. The **falloff test report** should include the following information:

1. **Company name and address**
2. **Test well name and location**
3. The name and phone number of **the facility contact person**. The contractor contact may be included if approved by the facility in addition to a facility contact person.
4. **A photocopy of an openhole log** (SP or Gamma Ray) through the injection interval illustrating the type of formation and thickness of the injection interval. The entire log is not necessary.
5. **Well schematic** showing the current wellbore configuration and completion information:
 - X Wellbore radius
 - X Completed interval depths
 - X Type of completion (perforated, screen and gravel packed, openhole)
6. **Depth of fill depth and date tagged.**
7. **Offset well information:**
 - X Distance between the test well and offset well(s) completed in the same interval or involved in an interference test
 - X Simple illustration of locations of the injection and offset wells
8. **Chronological listing of daily testing activities.**
9. **Electronic submission of the raw data (time, pressure, and temperature)** from all pressure gauges utilized on CD-ROM. A READ.ME file or the disk label should list all files included and any necessary explanations of the data. A separate file containing any

- edited data used in the analysis can be submitted as an additional file.
10. **Tabular summary of the injection rate or rates preceding the falloff test.** At a minimum, rate information for 48 hours prior to the falloff or for a time equal to twice the time of the falloff test is recommended. If the rates varied and the rate information is greater than 10 entries, the rate data should be submitted electronically as well as a hard copy of the rates for the report. Including a rate vs time plot is also a good way to illustrate the magnitude and number of rate changes prior to the falloff test.
 11. **Rate information from any offset wells completed in the same interval.** At a minimum, the injection rate data for the 48 hours preceding the falloff test should be included in a tabular and electronic format. Adding a rate vs time plot is also helpful to illustrate the rate changes.
 12. **Hard copy of the time and pressure data** analyzed in the report.
 13. **Pressure gauge information:** (See Appendix, page A-1 for more information on pressure gauges)
 - X List all the gauges utilized to test the well
 - X Depth of each gauge
 - X Manufacturer and type of gauge. Include the full range of the gauge.
 - X Resolution and accuracy of the gauge as a % of full range.
 - X Calibration certificate and manufacturer's recommended frequency of calibration
 14. **General test information:**
 - X Date of the test
 - X Time synchronization: A specific time and date should be synchronized to an equivalent time in each pressure file submitted. Time synchronization should also be provided for the rate(s) of the test well and any offset wells.
 - X Location of the shut-in valve (e.g., note if at the wellhead or number of feet from the wellhead)
 15. **Reservoir parameters (determination):**
 - X Formation fluid viscosity, μ_f cp (direct measurement or correlation)
 - X Porosity, ϕ fraction (well log correlation or core data)
 - X Total compressibility, c_t psi⁻¹ (correlations, core measurement, or well test)
 - X Formation volume factor, r_{vb}/stb (correlations, usually assumed 1 for water)
 - X Initial formation reservoir pressure - See Appendix, page A-1
 - X Date reservoir pressure was last stabilized (injection history)
 - X Justified interval thickness, h ft - See Appendix, page A-15
 16. **Waste plume:**
 - X Cumulative injection volume into the completed interval
 - X Calculated radial distance to the waste front, r_{waste} ft
 - X Average historical waste fluid viscosity, if used in the analysis, μ_{waste} cp

17. **Injection period:**
 - X Time of injection period
 - X Type of test fluid
 - X Type of pump used for the test (e.g., plant or pump truck)
 - X Type of rate meter used
 - X Final injection pressure and temperature
18. **Falloff period:**
 - X Total shut-in time, expressed in real time and Δt , elapsed time
 - X Final shut-in pressure and temperature
 - X Time well went on vacuum, if applicable
19. **Pressure gradient:**
 - X Gradient stops - for depth correction
20. **Calculated test data:** include all equations used and the parameter values assigned for each variable within the report
 - X Radius of investigation, r_i ft
 - X Slope or slopes from the semilog plot
 - X Transmissibility, kh/μ md-ft/cp
 - X Permeability (range based on values of h)
 - X Calculation of skin, s
 - X Calculation of skin pressure drop, ΔP_{skin}
 - X Discussion and justification of any reservoir or outer boundary models used to simulate the test
 - X Explanation for any pressure or temperature anomaly if observed
21. **Graphs:**
 - X Cartesian plot: pressure and temperature vs. time
 - X Log-log diagnostic plot: pressure and semilog derivative curves. Radial flow regime should be identified on the plot
 - X Semilog and expanded semilog plots: radial flow regime indicated and the semilog straight line drawn
 - X Injection rate(s) vs time: test well and offset wells (not a circular or strip chart)
22. **A copy of the latest radioactive tracer run** and a brief discussion of the results.

5.0 Planning

The **radial flow portion** of the test is the basis for all pressure transient calculations. Therefore the injectivity and falloff portions of the test should be designed not only to reach radial flow, but to sustain a time frame sufficient for analysis of the radial flow period.

General Operational Concerns

- X Adequate storage for the waste should be ensured for the duration of the test

- X Offset wells completed in the same formation as the test well should be shut-in, or at a minimum, provisions should be made to maintain a constant injection rate prior to and during the test
- X Install a crown valve on the well prior to starting the test so the well does not have to be shut-in to install a pressure gauge
- X The location of the shut-in valve on the well should be at or near the wellhead to minimize the wellbore storage period
- X The condition of the well, junk in the hole, wellbore fill or the degree of wellbore damage (as measured by skin) may impact the length of time the well must be shut-in for a valid falloff test. This is especially critical for wells completed in relatively low transmissibility reservoirs or wells that have large skin factors.
- X Cleaning out the well and acidizing may reduce the wellbore storage period and therefore the shut-in time of the well
- X Accurate recordkeeping of injection rates is critical including a mechanism to synchronize times reported for injection rate and pressure data. The elapsed time format usually reported for pressure data does not allow an easy synchronization with real time rate information. Time synchronization of the data is especially critical when the analysis includes the consideration of injection from more than one well.
- X Any unorthodox testing procedure, or any testing of a well with known or anticipated problems, should be discussed with EPA staff prior to performing the test.
- X If more than one well is completed into the same reservoir, operators are encouraged to send at least two pulses to the test well by way of rate changes in the offset well following the falloff test. These pulses will demonstrate communication between the wells and, if maintained for sufficient duration, they can be **analyzed as an interference test** to obtain interwell reservoir parameters.

Site Specific Pretest Planning

1. Determine the time needed to reach radial flow during the injectivity and falloff portions of the test:
 - X Review previous welltests, if available
 - X Simulate the test using measured or estimated reservoir and well completion parameters
 - X Calculate the time to the beginning of radial flow using the empirically-based equations provided in the Appendix. The equations are different for the injectivity and falloff portions of the test with the skin factor influencing the falloff more than the injection period. (See Appendix, page A-4 for equations)
 - X Allow adequate time beyond the beginning of radial flow to observe radial flow so that a well developed semilog straight line occurs. A good rule of thumb is 3 to 5 times the time to reach radial flow to provide adequate radial flow data for analysis.
2. Adequate and consistent injection fluid should be available so that the injection rate into the test well can be held constant prior to the falloff. This rate should be high enough to

produce a measurable falloff at the test well given the resolution of the pressure gauge selected. The viscosity of the fluid should be consistent. Any mobility issues (k/μ) should be identified and addressed in the analysis if necessary.

3. Bottomhole pressure measurements are required. (See Appendix, page A-2 for additional information concerning pressure gauge selection.)
4. Use two pressure gauges during the test with one gauge serving as a backup, or for verification in cases of questionable data quality. The two gauges do not need to be the same type. (See Appendix, page A-1 for additional information concerning pressure gauges.)

6.0 Conducting the Falloff Test

1. Tag and record the depth to any fill in the test well
2. Simplify the pressure transients in the reservoir
 - X Maintain a constant injection rate in the test well prior to shut-in. This injection rate should be high enough and maintained for a sufficient duration to produce a measurable pressure transient that will result in a valid falloff test.
 - X Offset wells should be shut-in prior to and during the test. If shut-in is not feasible, a constant injection rate should be recorded and maintained during the test and then accounted for in the analysis.
 - X Do not shut-in two wells simultaneously or change the rate in an offset well during the test.
3. The test well should be shut-in at the wellhead in order to minimize wellbore storage and afterflow. (See Appendix, page A-3 for additional information.)
4. Maintain accurate rate records for the test well and any offset wells completed in the same injection interval.
5. Measure and record the viscosity of the injectate periodically during the injectivity portion of the test to confirm the consistency of the test fluid.

7.0 Evaluation of the Falloff Test

1. Prepare a **Cartesian plot** of the pressure and temperature versus real time or elapsed time.
 - X Confirm pressure stabilization prior to shut-in of the test well
 - X Look for anomalous data, pressure drop at the end of the test, determine if pressure drop is within the gauge resolution
2. Prepare a **log-log diagnostic plot** of the pressure and semilog derivative. Identify the

flow regimes present in the welltest. (See Appendix, page A-6 for additional information.)

- X Use the appropriate time function depending on the length of the injection period and variation in the injection rate preceding the falloff (See Appendix, page A-10 for details on time functions.)
 - X **Mark the various flow regimes** - particularly the radial flow period
 - X Include the derivative of other plots, if appropriate (e.g., square root of time for linear flow)
 - X If there is no radial flow period, attempt to type curve match the data
3. Prepare a **semilog plot**.
- X Use the appropriate time function depending on the length of injection period and injection rate preceding the falloff
 - X Draw the semilog straight line through the radial flow portion of the plot and obtain the slope of the line
 - X Calculate the transmissibility, kh/μ
 - X Calculate the skin factor, s , and skin pressure drop, ΔP_{skin}
 - X Calculate the radius of investigation, r_i
4. Explain any anomalous results.

8.0 Technical References

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APPENDIX

Pressure Gauge Usage and Selection

Usage

- X EPA recommends that two gauges be used during the test with one gauge serving as a backup.
- X **Downhole pressure measurements** are less noisy and are required.
- X A bottomhole surface readout gauge (SRO) allows tracking of pressures in real time. Analysis of this data can be performed in the field to confirm that the well has reached radial flow prior to ending the test.
- X The derivative function plotted on the log-log plot amplifies noise in the data, so the use of a good pressure recording device is critical for application of this curve.
- X Mechanical gauges should be **calibrated** before and after each test using a dead weight tester.
- X Electronic gauges should also be **calibrated** according to the manufacturer's recommendations. The manufacturer's recommended frequency of calibration, and a copy of the gauge calibration certificate should be provided with the falloff testing report demonstrating this practice has been followed.

Selection

- X The pressures must remain within the range of the pressure gauge. The larger percent of the gauge range utilized in the test, the better. Typical pressure gauge limits are 2000, 5000, and 10000 psi. Note that gauge accuracy and resolution are typically a function of percent of the full gauge range.
- X Electronic downhole gauges generally offer much better resolution and sensitivity than a mechanical gauge but cost more. Additionally, the electronic gauge can generally run for a longer period of time, be programmed to measure pressure more frequently at various intervals for improved data density, and store data in digital form.
- X Resolution of the pressure gauge must be sufficient to measure small pressure changes at the end of the test.

Test Design

General Operational Considerations

- X The injection period controls what is seen on the falloff since the falloff is replay of the injection period. Therefore, the injection period must reach radial flow prior to shut-in of the well in order for the falloff test to reach radial flow
- X Ideally to determine the optimal lengths of the injection and falloff periods, the test should be simulated using measured or estimated reservoir parameters. Alternatively, injection and falloff period lengths can be estimated from empirical equations using assumed reservoir and well parameters.

- X The injection rate dictates the pressure buildup at the injection well. The pressure buildup from injection must be sufficient so that the pressure change during radial flow, usually occurring toward the end of the test, is large enough to measure with the pressure gauge selected.
- X Waste storage and other operational issues require preplanning and need to be addressed prior to the test date. If brine must be brought in for the injection portion of the test, operators should insure that the fluid injected has a consistent viscosity and that there is adequate fluid available to obtain a valid falloff test. The use of the wastestream as the injection fluid affords several distinct advantages:
 1. Brine does not have to be purchased or stored prior to use.
 2. Onsite waste storage tanks may be used.
 3. Plant wastestreams are generally consistent, i.e., no viscosity variations
- X Rate changes cause pressure transients in the reservoir. **Constant rate injection in the test well and any offset wells completed in the same reservoir are critical to simplify the pressure transients in the reservoir.** Any significant injection rate fluctuations at the test well or offsets must be recorded and accounted for in the analysis using superposition.
- X Unless an injectivity test is to be conducted, shutting in the well for an extend period of time prior to conducting the falloff test reduces the pressure buildup in the reservoir and is not recommended.
- X Prior to conducting a test, a crown valve should be installed on the wellhead to allow the pressure gauge to be installed and lowered into the well without any interruption of the injection rate.
- X The wellbore schematic should be reviewed for possible obstructions located in the well that may prevent the use or affect the setting depth of a downhole pressure gauge. The fill depth in the well should also be reported. The fill depth may not only impact the depth of the gauge, but usually prolongs the wellbore storage period and depending on the type of fill, may limit the interval thickness by isolating some of the injection intervals. A wellbore cleanout or stimulation may be needed prior to conducting the test for the test to reach radial flow and obtain valid results.
- X The location of the shut-in valve can impact the duration of the wellbore storage period. The shut-in valve should be located near the wellhead. Afterflow into the wellbore prolongs the wellbore storage period.
- X The area geology should be reviewed prior to conducting the test to determine the thickness and type of formation being tested along with any geological features such as natural fractures, a fault, or a pinchout that should be anticipated to impact the test.

Wellbore and Reservoir Data Needed to Simulate or Analyze the Falloff Test

- X Wellbore radius, r_w - from wellbore schematic

- X Net thickness, h - See Appendix, page A-15
- X Porosity, ϕ - log or core data
- X Viscosity of formation fluid, μ_f - direct measurement or correlations
- X Viscosity of waste, μ_{waste} - direct measurement or correlations
- X Total system compressibility, c_t - correlations, core measurement, or well test
- X Permeability, k - previous welltests or core data
- X Specific gravity of injection fluid, s.g. - direct measurement
- X Injection rate, q - direct measurement

Design Calculations

When simulation software is unavailable the test periods can be estimated from empirical equations. The following are set of steps to calculate the time to reach radial flow from empirically-derived equations:

1. Estimate the wellbore storage coefficient, C (bbl/psi). There are two equations to calculate the wellbore storage coefficient depending on if the well remains fluid filled (positive surface pressure) or if the well goes on a vacuum (falling fluid level in the well):
 - a. Well remains fluid filled:

$$C = V_w \cdot c_{waste} \text{ where, } V_w \text{ is the total wellbore volume, bbls}$$

$$c_{waste} \text{ is the compressibility of the injectate, } \text{psi}^{-1}$$
 - b. Well goes on a vacuum:

$$C = \frac{V_u}{\rho \cdot g}$$

$$144 \cdot g_c \text{ where, } V_u \text{ is the wellbore volume per unit length, bbls/ft}$$

$$\rho \text{ is the injectate density, psi/ft}$$

$$g \text{ and } g_c \text{ are gravitational constants}$$
2. Calculate the time to reach radial flow for both the injection and falloff periods. Two different empirically-derived equations are used to calculate the time to reach radial flow, $t_{radial \text{ flow}}$, for the injectivity and falloff periods:
 - a. Injectivity period:

$$t_{radial \text{ flow}} > \frac{(200000 + 12000s) \cdot C}{\frac{k \cdot h}{\mu}} \text{ hours}$$
 - b. Falloff period:

$$t_{radial \text{ flow}} > \frac{170000 \cdot C \cdot e^{0.14 \cdot s}}{\frac{k \cdot h}{\mu}} \text{ hours}$$

The wellbore storage coefficient is assumed to be the same for both the injectivity and falloff periods. The skin factor, s, influences the falloff more than the injection period. Use these equations with caution, as they tend to fall apart for a well with a large

permeability or a high skin factor. Also remember, the welltest should not only reach radial flow, but also sustain radial flow for a timeframe sufficient for analysis of the radial flow period. As a rule of thumb, a timeframe sufficient for analysis is 3 to 5 times the time needed to reach radial flow.

3. As an alternative to steps 1 and 2, to look a specific distance “L” into the reservoir and possibly confirm the absence or existence of a boundary, the following equation can be used to estimate the time to reach that distance:

$$t_{\text{boundary}} = \frac{948 \cdot \phi \cdot \mu \cdot c_t \cdot L_{\text{boundary}}}{k} \text{ hours}$$

where, L_{boundary} = feet to boundary

t_{boundary} = time to boundary, hrs

Again, this is the time to reach a distance “L” in the reservoir. Additional test time is required to observe a fully developed boundary past the time needed to just reach the boundary. As a rule of thumb, to see a fully developed boundary on a log-log plot, allow at least 5 times the time to reach it. Additionally, for a boundary to show up on the falloff, it must first be encountered during the injection period.

4. Calculate the expected slope of the semilog plot during radial flow to see if gauge resolution will be adequate using the following equation:

$$m_{\text{semilog}} = \frac{162.6 \cdot q \cdot B}{k \cdot h \cdot \mu}$$

where, q = the injection rate preceding the falloff test, bpd

B = formation volume factor for water, rvb/stb (usually assumed to be 1)

Considerations for Offset Wells Completed in the Same Interval

Rate fluctuations in offset wells create additional pressure transients in the reservoir and complicate the analysis. Always try to simplify the pressure transients in the reservoir. Do not simultaneously shut-in an offset well and the test well. The following items are key considerations in dealing with the impact of offset wells on a falloff test:

- X Shut-in all offset wells prior to the test
- X If shutting in offset wells is not feasible, maintain a constant injection rate prior to and during the test
- X Obtain accurate injection records of offset injection prior to and during the test
- X At least one of the real time points corresponding to an injection rate in an offset well should be synchronized to a specific time relating to the test well
- X **Following the falloff test in the test well, send at least two pulses from the offset well to the test well by fluctuating the rate in the offset well.** The pressure pulses can confirm communication between the wells and can be simulated in the analysis if observed at the test well. The pulses can also be analyzed as an interference test using an Ei type curve.

- X If time permits, conduct an interference test to allow evaluation of the reservoir without the wellbore effects observed during a falloff test.

Falloff Test Analysis

In performing a falloff test analysis, a series of plots and calculations should be prepared to QA/QC the test, identify flow regimes, and determine well completion and reservoir parameters. Individual plots, flow regime signatures, and calculations are discussed in the following sections.

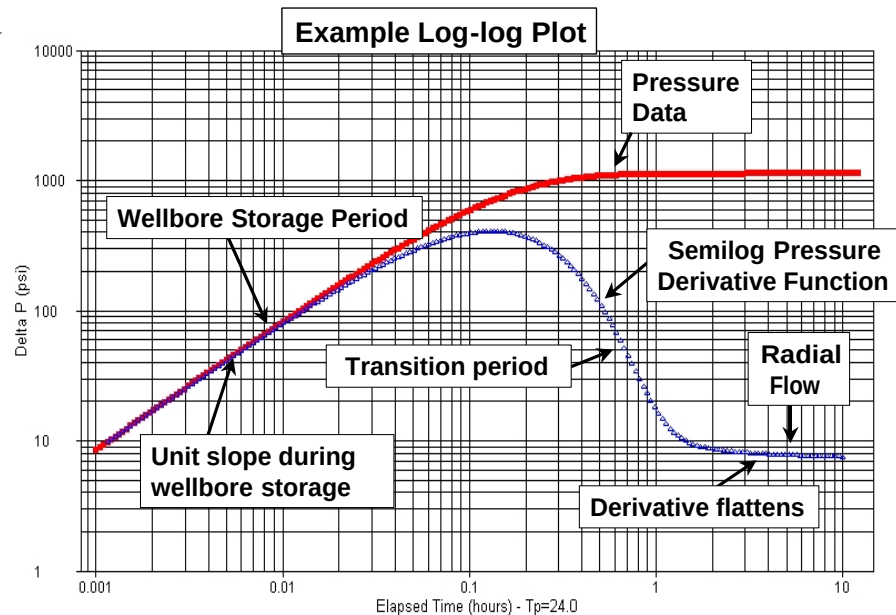
Cartesian Plot

- X The pressure data prior to shut-in of the well should be reviewed on a Cartesian plot to confirm pressure stabilization prior to the test. A well that has reached radial flow during the injectivity portion of the test should have a consistent injection pressure.
- X A Cartesian plot of the pressure and temperature versus real time or elapsed time should be the first plot made from the falloff test data. Late time pressure data should be expanded to determine the pressure drop occurring during this portion of the test. The pressure changes should be compared to the pressure gauges used to confirm adequate gauge resolution existed throughout the test. If the gauge resolution limit was reached, this timeframe should be identified to determine if radial flow was reached prior to reaching the resolution of the pressure gauge. Pressure data obtained after reaching the resolution of the gauge should be treated as suspect and may need to be discounted in the analysis.
- X **Falloff tests conducted in highly transmissive reservoirs** may be more sensitive to the temperature compensation mechanism of the gauge because the pressure buildup response evaluated is smaller. Region 6 has observed cases in which large temperature anomalies were not properly compensated for by the pressure gauge, resulting in erroneous pressure data and an incorrect analysis. For this reason, the Cartesian plot of the temperature data should be reviewed. **Any temperature anomalies should be noted to determine if they correspond to pressure anomalies.**
- X Include the injection rate(s) of the test well 48 hours prior to shut-in on the Cartesian plot to illustrate the consistency of the injection rate prior to shut-in and to determine the appropriate time function to use on the log-log and semilog plots. (See Appendix, page A10 for time function selection)

Log-log Diagnostic Plot

- X Plot the pressure and semilog derivative versus time on a log-log diagnostic plot. Use the appropriate time function based on the rate history of the injection period preceding the falloff. (See Appendix, page A-10 for time function selection) The log-log plot is used to identify regimes in the welltest.

An log-log shown



identify regimes in the welltest. example plot is below:

Identification of Test Flow Regimes

- X Flow regimes are mathematical relationships between pressure, rate, and time. Flow regimes provide a visualization of what goes on in the reservoir. Individual flow regimes have characteristic slopes and a sequencing order on the log-log plot.
- X Various flow regimes will be present during the falloff test, however, not all flow regimes are observed on every falloff test. The late time responses correlate to distances further from the test well. **The critical flow regime is radial flow from which all analysis calculations are performed.** During radial flow, the pressure responses recorded are representative of the reservoir, not the wellbore.
- X The derivative function amplifies reservoir signatures by calculating a running slope of a designated plot. The derivative plot allows a more accurate determination of the radial flow portion of the test, in comparison with the old method of simply proceeding 1½ log cycles from the end of the unit slope line of the pressure curve.
- X The derivative is usually based on the semilog plot, but it can also be calculated based on other plots such as a Cartesian plot, a square root of time plot, a quarter root of time plot, and the 1/square root of time plot. Each of these plots are used to identify specific flow regimes. If the flow regime characterized by a specialized plot is present then when the derivative calculated from that plot is displayed on the log-log plot, it will appear as a

“flat spot” during the portion of the falloff corresponding to the flow regime.

- X **Typical flow regimes observed on the log-log plot** and their semilog derivative patterns are listed below:

<u>Flow Regime</u>	<u>Semilog Derivative Pattern</u>
Wellbore Storage	Unit slope
Radial Flow	Flat plateau
Linear Flow	Half slope
Bilinear Flow	Quarter slope
Partial Penetration	Negative half slope
Layering	Derivative trough
Dual Porosity	Derivative trough
Boundaries	Upswing followed by plateau
Constant Pressure	Sharp derivative plunge

Characteristics of Individual Test Flow Regimes

- X **Wellbore Storage:**
1. Occurs during the early portion of the test and is caused by the well being shut-in at the surface instead of the sandface
 2. Measured pressure responses are governed by well conditions and are not representative of reservoir behavior and are characterized by both the pressure and semilog derivative curves overlying a unit slope on the log-log plot
 3. Wellbore skin or a low permeability reservoir results in a slower transfer of fluid from the well to the formation, extending the duration of the wellbore storage period
 4. A wellbore storage dominated test is unanalyzable
- X **Radial Flow:**
1. The pressure responses are from the reservoir, not the wellbore
 2. The critical flow regime from which key reservoir parameters and completion conditions calculations are performed
 3. Characterized by a flattening of the semilog plot derivative curve on the log-log plot and a straight line on the semilog plot
- X **Spherical Flow:**
1. Identifies partial penetration of the injection interval at the wellbore
 2. Characterized by the semilog derivative trending along a negative half slope on the log-log plot and a straight line on the 1/square root of time plot
 3. The log-log plot derivative of the pressure vs 1/square root of time plot is flat

- X **Linear Flow:**
1. May result from flow in a channel, parallel faults, or a highly conductive fracture
 2. Characterized by a half slope on both the log-log plot pressure and semilog derivative curves with the derivative curve approximately 1/3 of a log cycle lower than the pressure curve and a straight line on the square root of time plot. 3.
The log-log plot derivative of the pressure vs square root of time plot is flat
- X **Hydraulically Fractured Well:**
1. Multiple flow regimes present including wellbore storage, fracture linear flow, bilinear flow, pseudo-linear flow, formation linear flow, and pseudo-radial flow
 2. Fracture linear flow is usually hidden by wellbore storage
 3. Bilinear flow results from simultaneous linear flows in the fracture and from the formation into the fracture, occurs in low conductivity fractures, and is characterized by a quarter slope on both the pressure and semilog derivative curves on the log-log plot and by a straight line on a pressure versus quarter root of time plot
 4. Formation linear flow is identified by a half slope on both the pressure and semilog derivative curves on the log-log plot and by a straight line on a pressure versus square root of time plot
 5. Pseudo-radial flow is analogous to radial flow in an unfractured well and is characterized by flattening of semilog derivative curve on the log-log plot and a straight line on a semilog pressure plot
- X **Naturally Fractured Rock:**
1. The fracture system will be observed first on the falloff test followed by the total system consisting of the fractures and matrix.
 2. The falloff analysis is complex. The characteristics of the semilog derivative trough on the log-log plot indicate the level of communication between the fractures and the matrix rock.
- X **Layered Reservoir:**
1. Analysis of a layered system is complex because of the different flow regimes, skin factors or boundaries that may be present in each layer.
 2. The falloff test objective is to get a total transmissibility from the **whole reservoir system**.
 3. Typically described as commingled (2 intervals with vertical separation) or crossflow (2 intervals with hydraulic vertical communication)

Semilog Plot

- X The semilog plot is a plot of the pressure versus the log of time. There are typically four different semilog plots used in pressure transient and falloff testing analysis. After plotting the appropriate semilog plot, a straight line should be drawn through the points located within the equivalent radial flow portion of the plot identified from the log-log

plot.

- X Each plot uses a different time function depending on the length and variation of the injection rate preceding the falloff. These plots can give different results for the same test, so it is important that the appropriate plot with the correct time function is used for the analysis. Determination of the appropriate time function is discussed below.
- X The slope of the semilog straight line is then used to calculate the reservoir transmissibility - kh/μ , the completion condition of the well via the skin factor - s , and also the radius of investigation - r_i of the test.

Determination of the Appropriate Time Function for the Semilog Plot

The following four different semilog plots are used in pressure transient analysis:

1. Miller Dyes Hutchinson (MDH) Plot
2. Horner Plot
3. Agarwal Equivalent Time Plot
4. Superposition Time Plot

These plots can give different results for the same test. Use of the appropriate plot with the correct time function is critical for the analysis.

- X The **MDH plot** is a semilog plot of pressure versus Δt , where Δt is the elapsed shut-in time of the falloff.
 1. The MDH plot only applies to wells that reach psuedo-steady state during injection. Psuedo-steady state means the pressure response from the well has encountered all the boundaries around the well.
 2. The MDH plot is only applicable to injection wells with a very long injection period at a constant rate. This plot is not recommended for use by EPA Region 6.
- X The **Horner plot** is a semilog plot of pressure versus $(t_p + \Delta t)/\Delta t$. The Horner plot is only used for a falloff preceded by a single constant rate injection period.
 1. The injection time, $t_p = V_p/q$ in hours, where V_p = injection volume since the last pressure equalization and q is the injection rate prior to shut-in for the falloff test. The injection volume is often taken as the cumulative injection since completion.
 2. The Horner plot can result in significant analysis error if the injection rate varies prior to the falloff.
- X The **Agarwal equivalent time plot** is a semilog plot of the pressure versus Agarwal equivalent time, Δt_e .
 1. The Agarwal equivalent time function is similar to the Horner plot, but scales the falloff to make it look like an injectivity test.
 2. It is used when the injection period is a short, constant rate compared to the length of the falloff period.
 3. The Agarwal equivalent time is defined as: $\Delta t_e = \log(t_p \Delta t)/(t_p + \Delta t)$, where t_p is calculated the same as with the Horner plot.

X The **superposition time function** accounts for variable rate conditions preceding the falloff.

1. It is the most rigorous of all the time functions and is usually calculated using welltest software.
2. The use of the superposition time function requires the operator to accurately track the rate history. As a rule of thumb, at a minimum, the rate history for twice the length of the falloff test should be included in the analysis.

The determination of which time function is appropriate for the plotting the welltest on semilog and log-log plots depends on available rate information, injection period length, and software:

1. If there is not a rate history other than a single rate and cumulative injection, use a Horner time function
2. If the injection period is shorter than the falloff test and only a single rate is available, use the Agarwal equivalent time function
3. If you have a variable rate history use superposition when possible. As an alternative to superposition, use Agarwal equivalent time on the log-log plot to identify radial flow. The semilog plot can be plotted in either Horner or Agarwal time if radial flow is observed on the log-log plot.

Parameter Calculations and Considerations

X Transmissibility - The slope of the semilog straight line, m , is used to determine the transmissibility (kh/μ) parameter group from the following equation:

$$\frac{k \cdot h}{\mu} = \frac{162.6 \cdot q \cdot B}{m}$$

where, q = injection rate, bpd (negative for injection)

B = formation volume factor, rvb/stb (Assumed to be 1 for formation fluid)

m = slope of the semilog straight line through the radial flow portion of the plot in psi/log cycle

k = permeability, md

h = thickness, ft (See Appendix, page A-15)

μ = viscosity, cp

X The viscosity, μ , is usually that of the formation fluid. However, if the waste plume size is massive, the radial flow portion of the test may remain within the waste plume. (See Appendix, page A-14)

1. The waste and formation fluid viscosity values usually are similar, however, if the wastestream has a significant viscosity difference, the size of the waste plume and distance to the radial flow period should be calculated.
2. The mobility, k/μ , differences between the fluids may be observed on the derivative curve.

- X The permeability, k , can be obtained from the calculated transmissibility (kh/μ) by substituting the appropriate thickness, h , and viscosity, μ , values.

Skin Factor

- X In theory, wellbore skin is treated as an infinitesimally thin sheath surrounding the wellbore, through which a pressure drop occurs due to either damage or stimulation. Industrial injection wells deal with a variety of waste streams that alter the near wellbore environment due to precipitation, fines migration, ion exchange, bacteriological processes, and other mechanisms. It is reasonable to expect that this alteration often exists as a zone surrounding the wellbore and not a skin. Therefore, at least in the case of industrial injection wells, the assumption that skin exists as a thin sheath is not always valid. This does not pose a serious problem to the correct interpretation of falloff testing except in the case of a large zone of alteration, or in the calculation of the flowing bottomhole pressure. Region 6 has seen instances in which large zones of alteration were suspected of being present.
- X The skin factor is the measurement of the completion condition of the well. The skin factor is quantified by a positive value indicating a damaged completion and a negative value indicating a stimulated completion.
1. The magnitude of the positive value indicating a damaged completion is dictated by the transmissibility of the formation.
 2. A negative value of -4 to -6 generally indicates a hydraulically fractured completion, whereas a negative value of -1 to -3 is typical of an acid stimulation in a sandstone reservoir.
 3. The skin factor can be used to calculate the effective wellbore radius, r_{wa} also referred to the apparent wellbore radius. (See Appendix, page A-13)
 4. The skin factor can also be used to correct the injection pressure for the effects of wellbore damage to get the actual reservoir pressure from the measured pressure.
- X The skin factor is calculated from the following equation:

$$s = 1.1513 \left[\frac{P_{1hr} - P_{wf}}{m} - \log \left(\frac{k \cdot t_p}{(t_p + 1) \cdot \phi \cdot \mu \cdot c_t \cdot r_w^2} \right) + 3.23 \right]$$

where, s = skin factor, dimensionless

P_{1hr} = pressure intercept along the semilog straight line at a shut-in time of 1 hour, psi

P_{wf} = measured injection pressure prior to shut-in, psi

μ = appropriate viscosity at reservoir conditions, cp (See Appendix, page A-14)

m = slope of the semilog straight line, psi/cycle

k = permeability, md

ϕ = porosity, fraction

c_t = total compressibility, psi^{-1}

r_w = wellbore radius, feet

t_p = injection time, hours

Note that the term $t_p/(t_p + \Delta t)$, where $\Delta t = 1$ hr, appears in the log term. This term is usually assumed to result in a negligible contribution and typically is taken as 1 for large t . However, for relatively short injection periods, as in the case of a drill stem test (DST), this term can be significant.

Radius of Investigation

- X The radius of investigation, r_i , is the distance the pressure transient has moved into a formation following a rate change in a well.
- X There are several equations that exist to calculate the radius of investigation. All the equations are square root equations based on cylindrical geometry, but each has its own coefficient that results in slightly different results, (See Oil and Gas Journal, Van Poollen, 1964).
- X Use of the appropriate time is necessary to obtain a useful value of r_i . For a falloff time shorter than the injection period, use Agarwal equivalent time function, Δt_e , at the end of the falloff as the length of the injection period preceding the shut-in to calculate r_i .
- X The following two equivalent equations for calculating r_i were taken from SPE Monograph 1, (Equation 11.2) and Well Testing by Lee (Equation 1.47), respectively:

$$r_i = \sqrt{0.00105 \frac{k \cdot t}{\phi \cdot \mu \cdot c_t}} \equiv \sqrt{\frac{k \cdot t}{948 \cdot \phi \cdot \mu \cdot c_t}}$$

Effective Wellbore Radius

- X The effective wellbore radius relates the wellbore radius and skin factor to show the effects of skin on wellbore size and consequently, injectivity.
- X The effective wellbore radius is calculated from the following:

$$r_{wa} = r_w e^{-s}$$

- X A negative skin will result in a larger effective wellbore radius and therefore a lower injection pressure.

Reservoir Injection Pressure Corrected for Skin Effects

- X The pressure correction for wellbore skin effects, ΔP_{skin} , is calculated by the following:

$$\Delta P_{skin} = 0.868 \cdot m \cdot s$$

where, m = slope of the semilog straight line, psi/cycle
 s = wellbore skin, dimensionless

- X The adjusted injection pressure, P_{wfa} is calculated by subtracting the ΔP_{skin} from the measured injection pressure prior to shut-in, P_{wf} . This adjusted pressure is the calculated reservoir pressure prior to shutting in the well, $\Delta t=0$, and is determined by the following:

$$P_{wfa} = P_{wf} - \Delta P_{skin}$$

- X From the previous equations, it can be seen that the adjusted bottomhole pressure is directly dependent on a single point, the last injection pressure recorded prior to shut-in. Therefore, an accurate recording of this pressure prior to shut-in is important. Anything that impacts the pressure response, e.g., rate change, near the shut-in of the well should be avoided.

Determination of the Appropriate Fluid Viscosity

- X If the wastestream and formation fluid have similar viscosities, this process is not necessary.
- X This is only needed in cases where the mobility ratios are extreme between the wastestream, $(k/\mu)_w$, and formation fluid, $(k/\mu)_f$. Depending on when the test reaches radial flow, these cases with extreme mobility differences could cause the derivative curve to change and level to another value. Eliminating alternative geologic causes, such as a sealing fault, multiple layers, dual porosity, etc., leads to the interpretation that this change may represent the boundary of the two fluid banks.
- X First assume that the pressure transients were propagating through the formation fluid during the radial flow portion of the test, and then verify if this assumption is correct. This is generally a good strategy except for a few facilities with exceptionally long injection histories, and consequently, large waste plumes. The time for the pressure transient to exit the waste front is calculated. This time is then identified on both the log-log and semilog plots. The radial flow period is then compared to this time.
- X The radial distance to the waste front can then be estimated volumetrically using the following equation:

$$r_{\text{waste plume}} = \sqrt{\frac{0.13368 \cdot V_{\text{waste injected}}}{\pi \cdot h \cdot \phi}}$$

where, $V_{\text{waste injected}}$ = cumulative waste injected into the completed interval, gal

$r_{\text{waste plume}}$ = estimated distance to waste front, ft

h = interval thickness, ft

ϕ = porosity, fraction

X The time necessary for a pressure transient to exit the waste front can be calculated using the following equation:

$$t_w = \frac{126.73 \cdot \mu_w \cdot c_t \cdot V_{\text{waste injected}}}{\pi \cdot k \cdot h}$$

where, t_w = time to exit waste front, hrs

$V_{\text{waste injected}}$ = cumulative waste injected into the completed interval, gal

h = interval thickness, ft

k = permeability, md

μ_w = viscosity of the historic waste plume at reservoir conditions, cp

c_t = total system compressibility, psi^{-1}

- X The **time should be plotted on both the log-log and semilog plots** to see if this time corresponds to any changes in the derivative curve or semilog pressure plot. If the time estimated to exit the waste front occurs before the start of radial flow, the assumption that the pressure transients were propagating through the reservoir fluid during the radial flow period was correct. Therefore, the viscosity of the reservoir fluid is the appropriate viscosity to use in analyzing the well test. If not, the viscosity of the historic waste plume should be used in the calculations. If the mobility ratio is extreme between the wastestream and formation fluid, adequate information should be included in the report to verify the appropriate fluid viscosity was utilized in the analysis.

Reservoir Thickness

- X The thickness used for determination of the permeability should be justified by the operator. The net thickness of the defined injection interval is not always appropriate.
- X The permeability value is necessary for plume modeling, but the transmissibility value, kh/μ , can be used to calculate the pressure buildup in the reservoir without specifying values for each parameter value of k , h , and μ .
- X Selecting an interval thickness is dependent on several factors such as whether or not the injection interval is composed of hydraulically isolated units or a single massive unit and wellbore conditions such as the depth to wellbore fill. When hydraulically isolated sands

are present, it may be helpful to define the amount of injection entering each interval by conducting a flow profile survey. Temperature logs can also be reviewed to evaluate the intervals receiving fluid. Cross-sections may provide a quick look at the continuity of the injection interval around the injection well.

- X A copy of a SP/Gamma Ray well log over the injection interval, the depth to any fill, and the log and interpretation of available flow profile surveys run should be submitted with the falloff test to verify the reservoir thickness value assumed for the permeability calculation.

Use of Computer Software

- X To analyze falloff tests, operators are encouraged to use well testing software. Most software has type curve matching capabilities. This feature allows the simulation of the entire falloff test results to the acquired pressure data. This type of analysis is particularly useful in the recognition of boundaries, or unusual reservoir characteristics, such as dual porosity. It should be noted that type curve matching is not considered a substitute, but is a compliment to the analysis.
- X All data should be submitted on a CD-ROM with a label stating the name of the facility, the well number(s), and the date of the test(s). The label or READ.Me file should include the names of all the files contained on the CD, along with any necessary explanations of the information. The parameter units format (hh:mm:ss, hours, etc.) should be noted for the pressure file for synchronization to the submitted injection rate information. The file containing the gauge data analyzed in the report should be identified and consistent with the hard copy data included in the report. If the injection rate information for any well included in the analysis is greater than 10 entries, it should also be included electronically.

Common Sense Check

- X After analyzing any test, always look at the results to see if they “make sense” based on the type of formation tested, known geology, previous test results, etc. Operators are ultimately responsible for conducting an analyzable test and the data submitted to the regulatory agency.
- X If boundary conditions are observed on the test, review cross-sections or structure maps to confirm if the presence of a boundary is feasible. If so, the boundary should be considered in the AOR pressure buildup evaluation for the well.
- X Anomalous data responses may be observed on the falloff test analysis. These data anomalies should be evaluated and explained. The analyst should investigate physical causes in addition to potential reservoir responses. These may include those relating to the well equipment, such as a leaking valve, or a channel, and those relating to the data

acquisition hardware such as a faulty gauge. An anomalous response can often be traced to a brief, but significant rate change in either the test well or an offset well.

- X Anomalous data trends have also been caused by such things as ambient temperature changes in surface gauges or a faulty pressure gauge. Explanations for data trends may be facilitated through an examination of the backup pressure gauge data, or the temperature data. It is often helpful to qualitatively examine the pressure and/or temperature channels from both gauges. The pressure data should overlay during the falloff after being corrected for the difference in gauge depths. On occasion, abrupt temperature changes can be seen to correspond to trends in the pressure data. Although the source of the temperature changes may remain unexplainable, the apparent correlation of the temperature anomaly to the pressure anomaly can be sufficient reason to question the validity of the test and eliminate it from further analysis.
- X The data that is obtained from pressure transient testing should be compared to permit parameters. Test derived transmissibilities and static pressures can confirm compliance with non-endangerment (Area Of Review) conditions.

APPENDIX F

EPA Region 9 Step Rate Test Procedure Guidelines

UIC Permit R9UIC-CA1-FY23-1

Refer also to:

Society of Petroleum Engineers (SPE) Paper #16798, Systematic Design and Analysis of Step-Rate Tests to Determine Formation Parting Pressure (This paper can be ordered from the SPE website.)

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
DRINKING WATER PROTECTION
75 HAWTHORNE STREET
SAN FRANCISCO, CA 94105**

STEP-RATE TEST PROCEDURE GUIDELINES

PURPOSE:

The purpose of the document is to provide guidelines for performing a Step-Rate Test (SRT). Test results shall be used by the EPA Region 9 (EPA) Underground Injection Control (UIC) offices to determine a Maximum Allowable Injection Pressure (MAIP) at the wellhead that will provide for the protection of underground sources of drinking water (USDW) at injections wells.

A detailed work plan proposal must be submitted to EPA for review and approval prior to the SRT being performed. The work plan must include detailed plans, supporting justifications and associated calculations for conducting the SRT. Refer to the Society of Petroleum Engineers (“SPE”) paper 16798 for supporting test design and analysis guidance (1987, Society of Petroleum Engineers).

Dialogue is expected and encouraged during the actual development of the work plan. EPA will review the work plan proposal and will send written communications either to request clarification or changes to the proposed work, or grant approval of the proposed work. Once the SRT plan is approved, we require at least 30 days’ notice in advance of SRT operations so we may schedule an EPA representative to witness the SRT.

Test results will be used by Region 9’s Underground Injection Control permitting program to determine a Maximum Allowable Injection Pressure (MAIP) which is the surface pressure that correlates to (a) 80 percent of the bottom hole pressure (BHP) that represents the Formation Parting Pressure (FPP) of the permitted injection zone, or, (b) 80 percent of the maximum pressure applied during SRTs in which the FPP was not achieved. This determination serves to provide for the protection of the Underground Sources of Drinking Water (USDWs) as required by the regulations at 40 CFR §§ 146.12(e)(3) (fracture pressure) and 146.14(b)(3) (the anticipated maximum pressure and flow rate at which the permittee will operate).

SRT results must be documented and the test should be witnessed by an EPA inspector who can assist in approving real-time modifications.

RECOMMENDED TEST PROCEDURES:

- 1) The well should be shut in long enough prior to testing such that the BHP approximates static formation pressures.
- 2) It is important to use equipment that will be capable of accurately controlled pumping rates at varying amounts and exceeding the estimated Formation Parting Pressure (FPP) or alternately,

equipment that will exceed the operator's equipment limitations by 120%. Operator must also ensure that sufficient water will be available onsite to complete the SRT. The water used for the SRT may be the operator's permitted wastewater or other water with known specific gravity.

3) Measure and record test pressures with both down-hole and surface pressure recorders. Observe, record, and synchronize surface and BHP pressures, times, dates, and injection rates for each increment (step) of the test. The BHP behavior will be the basis for the determination of FPP. Surface pressures will also be observed to monitor pressure versus rate behavior during the SRT and to determine pressure losses due to friction and other factors that affect the MAIP.

4) The step intervals must be of equal duration and their duration must be of no less than the minimum 30 minutes. Engineering based justification of the planned duration for the steps is required. Steps must be sufficiently long to overcome well bore storage effects and achieve or clearly demonstrate a stabilized pressure (radial flow) at the end of each timed step.

5) The SRT should proceed continuously and uninterrupted, with minimally delayed transition between steps. The SRT must be planned to provide at least 3 to 5 steps before reaching the expected FPP and at least 3 additional steps after exceeding the FPP. Alternatively, the SRT must exceed the BHP that occurs at the operator's maximum equipment surface pressure limitation by at least 120 percent of that corresponding BHP.

6) Because a surface readout of the BHP is employed, the duration of the planned injection rate increments may be modified during the initial part of the test. This will allow, for instance, an initial determination whether modification of the subsequent rate increments may be necessary to obtain at least three BHP data points above the FPP or to adequately exceed the proposed operator's maximum equipment limitation before concluding the test. The well operator shall consult and receive approval from the onsite EPA inspector before any modifications to the plan are implemented during ongoing SRT operations.

7) After pumping stops, observe and record (a) the instantaneous shut-in pressure (ISIP) and (b) the injection zone's pressure fall-off decline for a sufficient time to allow a pressure transient analysis which shall be included in the operator's report. The length of time for pressure fall-off observation will be determined in consultation with EPA prior to conducting the SRT, but may be modified by EPA depending on the actual BHP fall-off behavior observed at the conclusion of the test.

Attachment E

Exhibit E-1 – Example Program – Lower Tulare Injector

P&A Program

Well:
API #: 0403041542

Project #:
Task #:
Gross Budget: \$40,000

Program Date: 2/2/2023

Primary Engineer: Matt Kyles: 661.377.4738 (cell)

Alternate Engineer: Daniel Bartlett: 661.428.8692 (cell)

Operations Coordinator: Jarred Schindel: 661.473.4725 (cell)

Operations Superintendent: Jim Scroggins: 661.303.9052 (cell)

Last Wellbore Intervention:

13-3/8" Conductor Pipe to 112'

8-5/8" 32# (ID = 7.921") casing from surface to 1746'

- Clotted casing from 720' – 1745'

This well is completed with tubing packer completion with a 8-5/8" 32# Weatherford Sump packer set from 665' – 672' that will need to be pulled out of the hole.

Other Significant Wellbore History: (Fishing Attempts/Plugs/Damage/Fill)

No significant other wellbore history.

Program:

The attached CalGEMS-approved permit/program has been vetted by **Matt Kyles**. It has been determined to meet objectives for proper abandonment according to regulations and meets CRC ARO objectives.

Note: Contact a CalGEM representative to witness all procedural steps required to be witnessed (i.e. clean-out depth, cement plug placement and hardness, perforating, mudding operations, surface plug and site restoration). All cement slurries and abandonment mud will conform to CalGEM specifications.

Anticipated Special Operations: (Fishing/Milling/Jarring/Acid etc) Attach special ops program as needed

None

Needed/Approved Variances: (attach approved variance emails, if any)

None

Safety Reminder:

Perform all work safely and to "CRC Standards". Conduct proper Job Safety Analysis (JSA) prior to beginning any work or when there are deviations from the original scope of work. Check location for H2S and mitigate as necessary, CRC policy is to not work in with any recorded levels of H2S. Be aware of pinch points, suspended loads and overhead electrical hazards. Avoid slips, trips and falls by keeping surfaces free of excess materials and fluids on work floors and ground. Fill cellar with aggregate to minimize falls.

In Emergency always call 9-1-1 first. All Notification of incidents and emergencies shall be reported to Elk Hills COC @ 661-763-6363 ASAP.

Cement/Mud Volumes/Calculations:

1. Move in and rig up on 25EHP-18G. Nipple up the BOPE and function test.
2. Pull the tubing and packer completion.
3. Clean out down to PBMD at 1746'. Cal GEM to witness the tag at TD.
4. Pump Class G cement from PBMD at 1746' (or previous accepted tag by CalGem) to a 420' with **454 Cu.ft.** (200' higher than required). Tag TOC, CalGEM to witness.

Note: A tag of a minimum of 100' above the top perforation (720') is required.

Note: The Lower Tulare has historically drank a lot of cement. May want to add some LCM to the cement blend.

5. Pump Class G cement from 420' (or previous accepted tag by CalGem) to surface with **144 Cu.ft.** CalGEM to witness cement at surface.

****NOTE:** A high cement tag is acceptable if within 200ft of required tag depth.
Contact engineer if tag is deemed unacceptable. *******



Attachment E

Exhibit E-2 – EPA Form 7520-19

United States Environmental Protection Agency



WELL REWORK RECORD, PLUGGING AND ABANDONMENT PLAN, OR PLUGGING AND ABANDONMENT AFFIDAVIT

Name and Address, Phone Number and/or Email of Permittee

--

Permit or EPA ID Number

API Number

Full Well Name

--	--	--

State

County

--	--

Locate well in two directions from nearest lines of quarter section and drilling unit

Latitude

Surface Location

Longitude

 1/4 of 1/4 of Section Township Range
 ft. from (N/S) Line of quarter section

 ft. from (E/W) Line of quarter section.

Well Class

Timing of Action (pick one)

Type of Action (pick one)

- ☐ Class I
- ☐ Class II
- ☐ Class III
- ☐ Class V

☐ Notice Prior to Work

Date Expected to Commence

☐ Report After Work

Date Work Ended

☐ Well Rework

☐ Plugging and Abandonment

☐ Conversion to a Non-Injection Well

Provide a narrative description of the work planned to be performed, or that was performed. Use additional pages as necessary. See instructions.

--

Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR § 144.32)

Name and Official Title *(Please type or print)*

Signature

Date Signed

--	--	--

INSTRUCTIONS FOR FORM 7520-19

This form replaces forms 7520-12 and 7520-14. Use this form only when work is planned or has occurred that affects the well's construction or operation as an injection well, including work on the casing, tubing or packer (or for shallow Class V wells, the subsurface fluid emplacement network). Use one form per injection well. While reports or other information developed by contractors or service companies may be attached, this form must be signed by a responsible entity as described at 40 CFR 144.32. Note: operators closing Class V wells should use Form 7520-17.

NAME, ADDRESS, PHONE AND/OR EMAIL OF PERMITTEE: Enter the name and street address, city/town, state, and ZIP code of the permittee. Also provide an email address (if available) and/or a phone number.

PERMIT OR EPA ID NUMBER: Enter the well identification number or permit number assigned to the well by the EPA or the permitting authority.

API NUMBER: Enter the number assigned by the local jurisdiction (usually a State Oil and Gas Agency) using the American Petroleum Institute standard numbering system.

FULL WELL NAME: Enter the full name of the well or project.

Enter the **STATE** and **COUNTY** where the well is located. For States that do not have counties, use the name of that State's equivalent jurisdiction at a more local level.

WELL LOCATION: Fill in the complete township, range, and section to the nearest quarter-quarter section. A township is north or south of the baseline, and a range is east or west of the principal meridian (e.g., T12N, R34W). Also include the distance, in feet, from the nearest north or south line and nearest east or west line of the quarter-section. Also, enter the **latitude** and **longitude** of the well in decimal degrees, to five or six places if possible; be sure to include a negative sign for the longitude of a well in the Western Hemisphere and a negative sign for the latitude of a well in the Southern Hemisphere.

Enter the **WELL CLASS**, i.e., the class of injection well as defined in 40 CFR 144.6.

TIMING OF THE ACTION: Check **Notice prior to work** if the activity has not yet occurred (i.e., is planned). Check **Report after work** if the activity described has already occurred. As appropriate, include the date the activity is expected to start or the date the activity was completed. (Note this may not be available, e.g., for a plugging plan submitted with a permit application.)

TYPE OF ACTION: Check the appropriate box to describe the kind of activity being reported. Check **Well Rework** for work that was/will be performed on the well after it has already been in operation as an injection well. Check **Plugging and Abandonment** to report on plans for or descriptions of final closure/plugging after use as an injection well. Check **Conversion to a Non-Injection Well** if the well is to be converted to something other than an injection well.

Provide a **NARRATIVE DESCRIPTION** of the work planned to be performed, or that was performed. The narrative should include a description of the main procedures planned or that occurred during the work activity. A service company report, daily report, or similar document may be attached if it includes all the requested information and is clear and legible.

For well reworks, include the following information: The reason for the well rework; depths of activity; type of activity; changes to injection well configuration, well casing, or cement behind casing; any plug added to the well and its depth; any newly drilled interval and its depth; method(s) to demonstrate that the well has mechanical integrity (as applicable); and any deviations from the approved rework plan (as applicable).

For a well plugging plan, include the following information: Reason for the well plugging; number of plugs placed, and their depths; materials used as plugs (e.g., cast iron bridge plug, cement, cement retainer); method to set plugs; and wait-on-cement times, if any. Also provide one or more cost estimates from an independent firm in the business of plugging and abandoning wells to plug the well as described in the plan.

For well plugging affidavit, include the following information: Reason for the well plugging; number of plugs placed, and their depths; materials used as plugs (e.g., cast iron bridge plug, cement, cement retainer); method to set plugs; wait-on-cement times, if any; and any deviations from the approved plugging plan (if applicable).

For conversion to a non-injection well, include the following information: Depths of activity; type of activity; changes to injection well configuration, well casing, or cement behind casing; any plug added to the well and its depth; any newly drilled interval and its depth; depths of new perforations; and method(s) to demonstrate that the well has mechanical integrity (as applicable).

For all of the above activities, include a well sketch depicting the work, results of well tests/logging performed, service company tickets, and any other available information demonstrating how the work was/is to be performed. Also, specify whether depths are below ground surface, relative to Kelly bushing, etc.

CERTIFICATION: This form must be signed and dated by either: a responsible corporate officer for a corporation, by a general partner for a partnership, by the proprietor of a sole proprietorship, or by a principal executive or ranking elected official for a public agency.

PAPERWORK REDUCTION ACT NOTICE: The public reporting and recordkeeping burden for this collection of information is estimated to average between 6.0 and 7.9 hours per response, depending on the injection well class. Burden means the total time, effort, or financial resource expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal Agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to the collection of information; search data sources; complete and review the collection of information; and, transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including the use of automated collection techniques to Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW., Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed forms to this address.

Attachment E

Exhibit E-3 – Proposed Well Plug and Abandon Diagrams



ELK HILLS POWER PROPOSED ABANDONMENT

API # **PROP_25EHP-1B**Well No: **25EHP**

Operator: **CRC**
 Lease: **1B**
 Field: **ELK HILLS**
 Sec 1 , T 31S , R 23E , MD
 Mat Elevation: **1232'** , **KB 14.00'**
 Total Depth: **1246'**

Initial Completion Date: **To be determined**Directionally Drilled: **No****Casing:**

16"	65#		0' - 54'
10-3/4"	40.5#	J-55	0' - 675'
7"	23#	J-55	0' - 615'
7"	23#	J-55	615' - 1246'

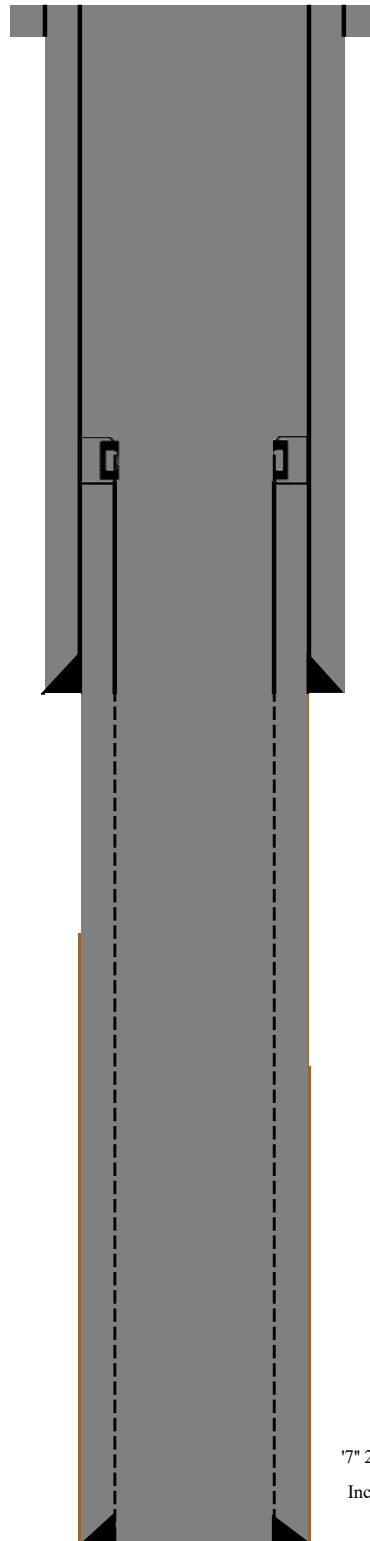
Hole

Size:	24"	0' - 54'
	14-3/4"	54' - 675'
	8-3/4"	675' - 1246'

Slot Information:

615' - 1246' (32R, 2" x 60M, 6"C Slots)

Formation Name:	MD (ft)	TVD(ft)
AMNICOLA	611.97	611.97
LOWER_TULARE	675.11	675.11
SAN JOAQUIN	1245.8	1245.76



Abandonment Plug @ 0' - 25'

16" CMT'D @ 54'

7" 23# J-55 UNCMT'D Tie-back (0'-615')

Tie-Back & Seal Assembly Recovered

Abandonment Plug @ 0' - 675'

10-3/4" 40# J-55 CMT'D @ 675'
(292 SXS, 584 CF)

Abandonment Plug @ 675' - 1246'

7" 23# J-55 UNCMT'D Slotted Liner @ 615' - 1246'

Includes Polished Bore Receptacle & Liner Hanger

Prepared by: **RA 04/22/2024**TD: **1246'**



ELK HILLS POWER PROPOSED ABANDONMENT

API # **PROP_35EHP-2B**Well No: **35EHP**

Operator: **CRC**
 Lease: **2B**
 Field: **ELK HILLS**
 Sec 2 , T 31S , R 23E , MD
 Mat Elevation: **1117'** , **KB 14.00'**
 Total Depth: **1131'**

Initial Completion Date: **To be determined**Directionally Drilled: **No****Casing:**

16"	65#		0' - 54'
10-3/4"	40#	J-55	0' - 590'
7"	23#	J-55	0' - 534'
7"	23#	J-55	534' - 1131'

Abandonment Plug @ 0' - 25'

16" CMT'D @ 54'

7" 23# J-55 UNCMT'D Tie-back (0'-534')
 Tie-Back & Seal Assembly recovered

Abandonment Plug @ 0' - 590'

Hole

Size:	24"	0' - 54'
	14-3/4"	54' - 590'
	8-3/4"	590' - 1131'

10-3/4" 40# J-55 CMT'D @ 590'
 (255 SKS, 510 CF)

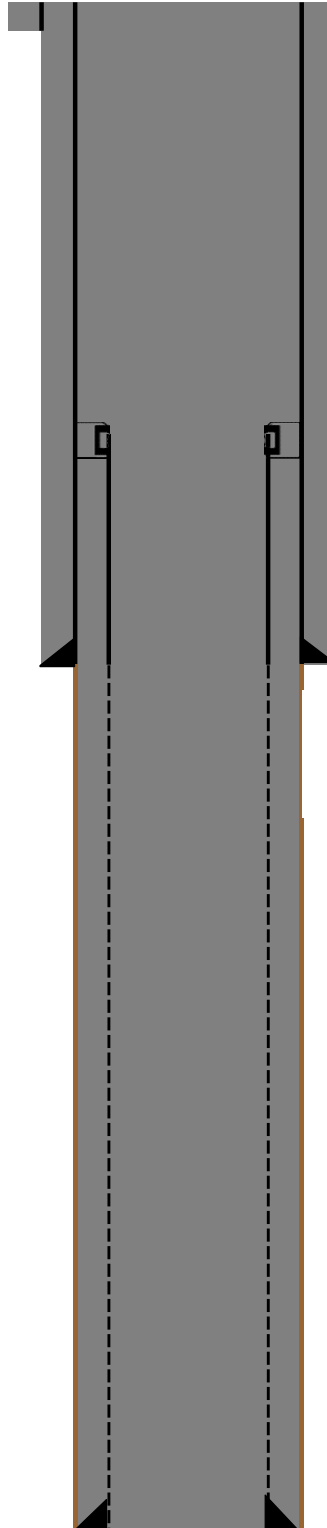
Slot Information:

590' - 1131' (32R, 2" x 60M, 6"C Slots)

Formation Name:	MD (ft)	TVD(ft)
AMNICOLA	562.34	562.34
LOWER_TULARE	594.93	594.93
SAN JOAQUIN	1129.83	1129.83

Abandonment Plug @ 590' - 1131'

7" 23# J-55 UNCMT'D Slotted Liner @ 534' - 1131'
 Includes Polished Bore Receptacle & Liner Hanger

Prepared by: **RA 04/22/2024****TD 1131'**



ELK HILLS POWER PROPOSED ABANDONMENT

API # PROP_78EHP-35R

Well No: 78EHP

Operator: CRC
 Lease: 35R
 Field: ELK HILLS
 Sec 35 , T 30S , R 23E , MD
 Mat Elevation: 1084' , KB 14.00'
 Total Depth: 1098'

Initial Completion Date: To be determined

Directionally Drilled: No

Casing:

16"	65#		0' - 54'
10-3/4"	40#	J-55	0' - 588'
7"	23#	J-55	0' - 528'
7"	23#	J-55	528' - 1098'

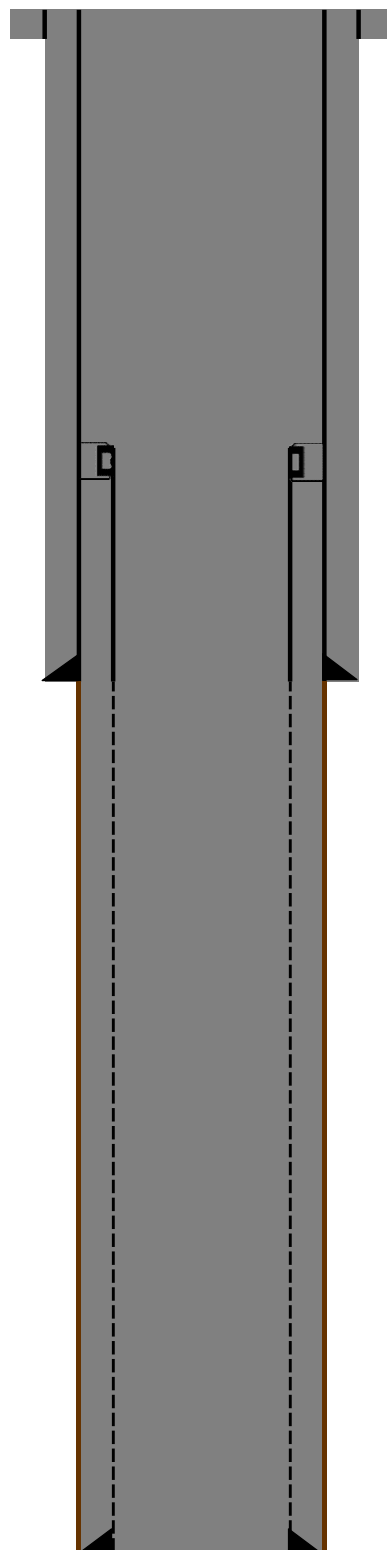
Hole

Size:	24"	0' - 54'
	14-3/4"	54' - 588'
	8-3/4"	588' - 1098'

Slot Information:

588' - 1098' (32R, 2" x 60M, 6"C Slots)

Formation Name:	MD (ft)	TVD(ft)
AMNICOLA	554.49	554.49
LOWER_TULARE	588.68	588.68
SAN JOAQUIN	1096.25	1096.25



Abandonment Plug @ 0' - 25'

16" CMTD @ 54'

7" 23# J-55 UNCMTD Tie-back (0'-528')
 Tie-Back & Seal Assembly recovered
 Abandonment Plug @ 0' - 588'

10-3/4" 40# J-55 CMTD @ 588'
 (254 SKS, 508 CF)

Abandonment Plug @ 588' - 1098'

7" 23# J-55 UNCMTD Slotted Liner @ 528' - 1098'
 Includes Polished Bore Receptacle & Liner Hanger

Prepared by: RA 04/18/2024

TD 1098'



ELK HILLS POWER PROPOSED ABANDONMENT

API # PROP_82EHP-2B

Well No: 82EHP

Operator: CRC
 Lease: 2B
 Field: ELK HILLS
 Sec 2 , T 31S , R 23E , MD
 Mat Elevation: 1132' , KB 14.00'
 Total Depth: 1146'

Initial Completion Date: To be determined

Directionally Drilled: No

Casing:

16"	65#		0' - 54'
10-3/4"	40#	J-55	0' - 620'
7"	23#	J-55	0' - 564'
7"	23#	J-55	564' - 1146'

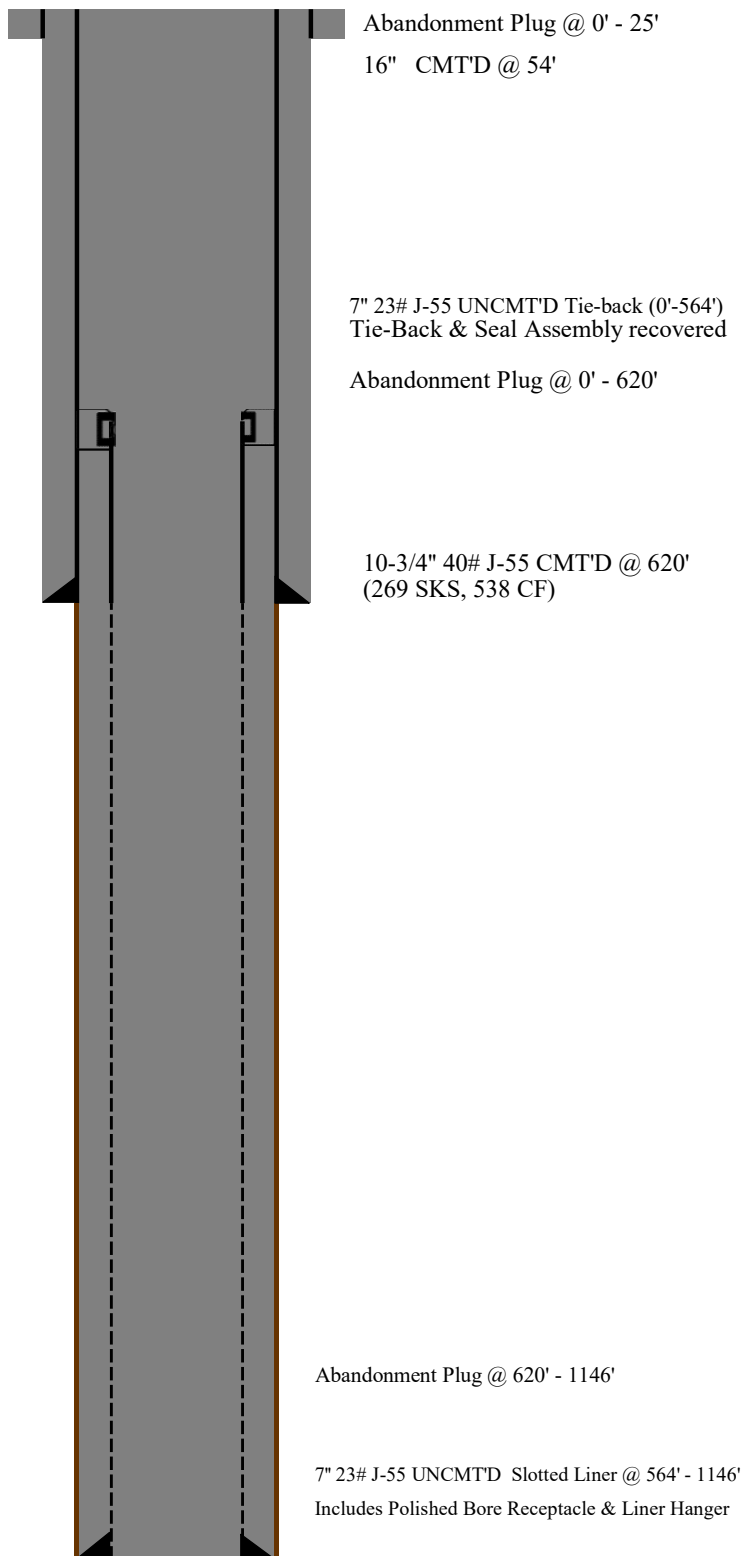
Hole

Size:	24"	0' - 54'
	14-3/4"	54' - 620'
	8-3/4"	620' - 1146'

Slot information:

620' - 1146' (32R, 2" x 60M, 6"C Slots)

Formation Name:	MD (ft)	TVD(ft)
AMNICOLA	578.28	578.28
LOWER_TULARE	624.51	624.51
SAN JOAQUIN	864.86	864.86



Prepared by: RA 04/22/2024

TD 1146'



**ELK HILLS POWER
PROPOSED ABANDONMENT**

API # **PROP_85EHP-2B**

Well No: 85EHP

Operator: **CRC**
Lease: **2B**
Field: **ELK HILLS**
Sec 2 , T 31S , R 23E , MD
Mat Elevation: **1147' , KB 14.00'**
Total Depth: **1161'**

Initial Completion Date: **To be determined**

Directionally Drilled: **No**

Casing:

16"	65#		0' - 54'
10-3/4"	40#	J-55	0' - 615'
7"	23#	J-55	0' - 557'
7"	23#	J-55	557' - 1161'

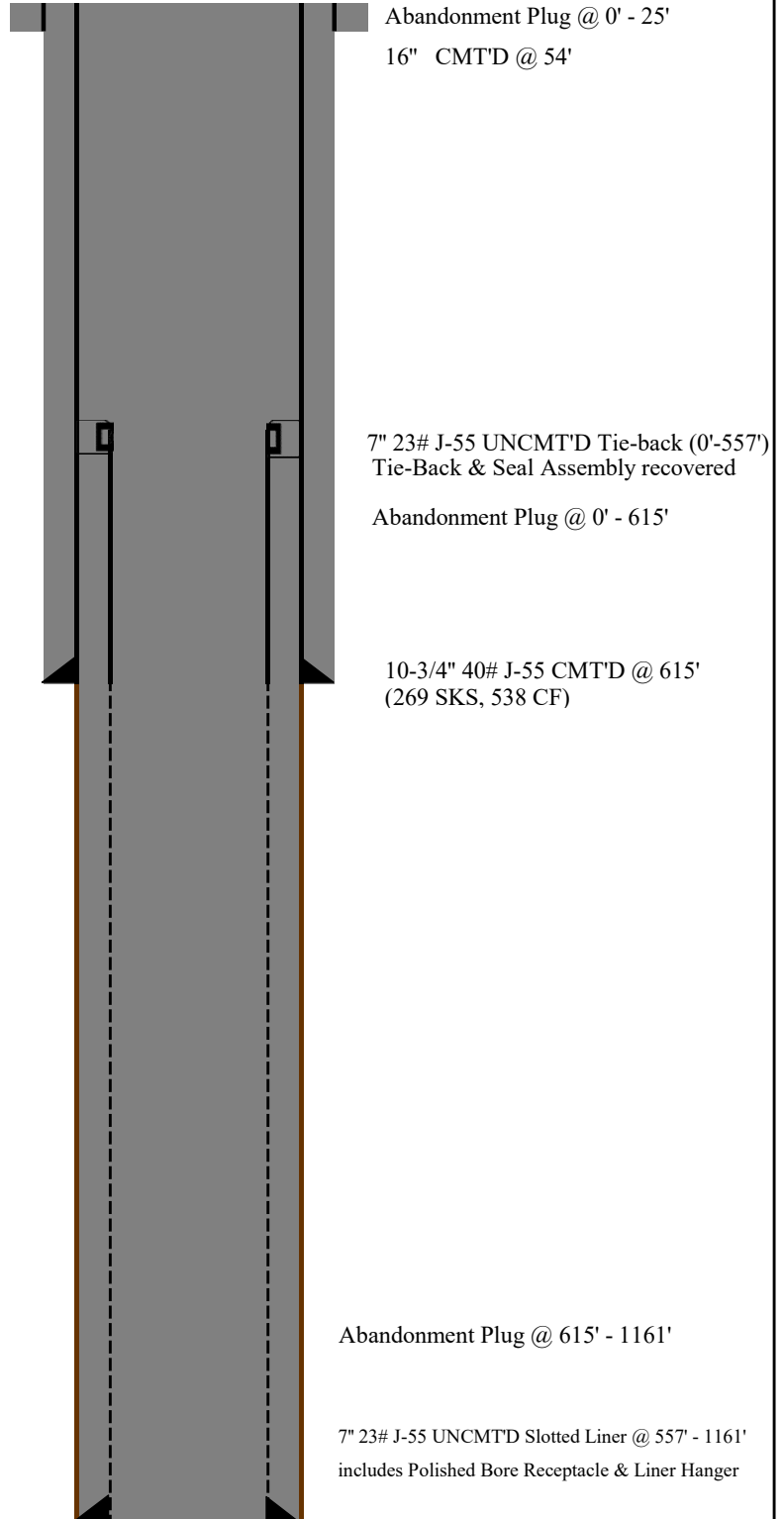
**Hole
Size:**

24"	0' - 54'
14-3/4"	54' - 615'
8-3/4"	615' - 1161'

Slot Information:

615' - 1161' (32R, 2" x 60M, 6"C Slots)

Formation Name:	MD (ft)	TVD(ft)
AMNICOLA	571.59	571.59
LOWER_TULARE	617.58	617.58
SAN JOAQUIN	1161.34	1161.34



Prepared by: **RA 04/22/2024**

TD 1161'



ELK HILLS POWER PROPOSED ABANDONMENT

API # PROP_44EHP-1B

Well No: 44EHP

Operator: CRC
 Lease: 1B
 Field: ELK HILLS
 Sec 1, T 31S, R 23E, MD
 Mat Elevation: 1106', KB 14.00'
 Total Depth: 1120'

Initial Completion Date: To be determined

Directionally Drilled: No

Casing:

16"	65#		0' - 54'
10-3/4"	40#	J-55	0' - 490'
7"	23#	J-55	0' - 423'
7"	23#	J-55	423' - 1120'

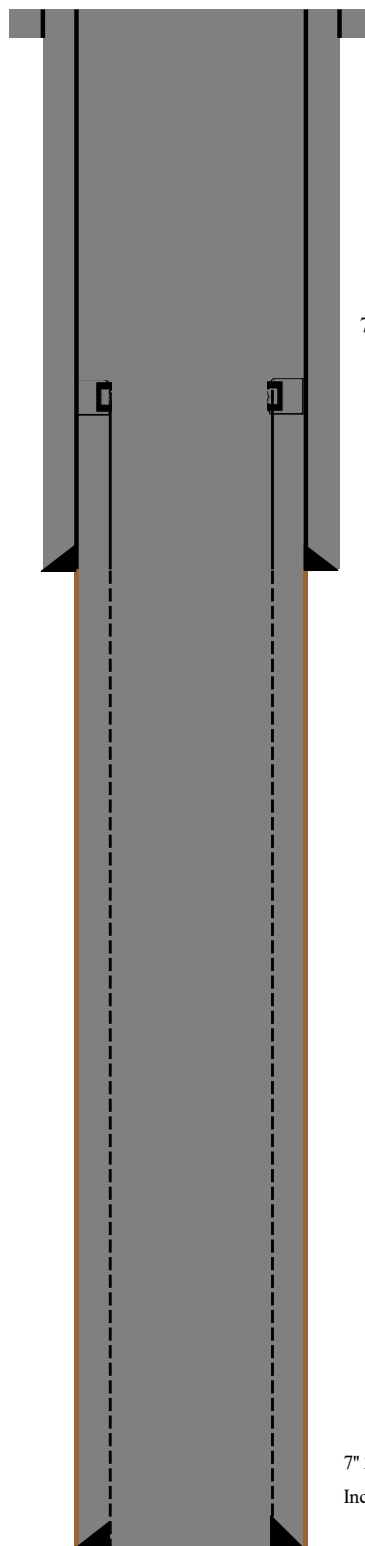
Hole

Size:	24"	0' - 54'
	14-3/4"	54' - 490'
	8-3/4"	490' - 1120'

Slot Information:

490' - 1120' (32R, 2" x 60M, 6"C Slots)

Formation Name:	MD	TVD(ft)
AMNICOLA	520.28	520.28
LOWER_TULARE	582.61	582.61
BASEAIR	761.19	761.19
SAN JOAQUIN	1118.9	1118.86



Abandonment Plug @ 0' - 25'

16" CMT'D @ 54'

7" 23# J-55 UNCMT'D Tie-back (0'-423')
Tie-Back & Seal Assembly recovered

Abandonment Plug @ 0' - 490'

10-3/4" 40# J-55 CMT'D @ 490'
(212 SKS, 424 CF)

Abandonment Plug @ 490' - 1120'

7" 23# J-55 UNCMT'D Slotted Liner @ 423' - 1120'
Includes Polished Bore Receptacle & Liner Hanger

Prepared by: RA 04/22/2024

TD 1120'

Attachment E

Exhibit E-4 – Plug and Abandon Cost Estimate



General Production Service of California, Inc.

Proposal Prepared for:

California Resources Corporation

CRC 0001 2023

March 1, 2023

Confidential

March 1, 2023

California Resources Corporation
900 Old River Road
Bakersfield, Ca 93311

To Whom it May Concern,

General Production Service of California, Inc. appreciates the opportunity to submit this proposal to California Resources Corporation.

General Production of California, Inc. is pleased to offer the following pricing structure for a period of 30 days from the date of this letter. Should General Production Service of California, Inc. be the successful bidder, the services and products will be provided under mutually agreed terms and conditions. This proposal is to provide an example of our abandonment services package to abandonment well(s) for California Resources Corporation.

Please note that ordering products and services will constitute acceptance of all mutually agreed terms and conditions set forth in this proposal by California Resources Corporation.

If you have any further questions or require further information, please feel free to contact Andy Pollock at 661.765.5330. General Production Service of California, Inc. looks forward to providing our industry leading services to California Resources Corporation.

Sincerely,



Andy Pollock
General Production Services of California, Inc.

Ph. 661.765.5330

Email: rusty@genprod.com



Well Abandonment Package Services Proposal



Well Abandonment Package Model

California Resources Corporation

General Production Service
1333 Kern Street,
Taft, CA 93268

California Resources Corp.
900 Old River Road
Bakersfield, CA 93311

Customer Rep: Chrinstine J.
Contact: 661.412.5915

Proposal #: CRC-0001-2023
Valid to Date: 30 Days from
March 1, 2023

President: Rusty Risi
Tel: 661.765.5330

Contact: CRC Office
Tel: 661-412-5000

Project: Abandonments
Wells: TBD
Company: CRC

This proposal includes the following services to complete requested objectives as directed by California Resources Corporation.

Services Capabilities Included in Package

- **Engineering**
 - Program Development, NOI submission, and Final Report Generated for Completion
- **Well Services**
 - Well Abandonment Package Pricing
 - Rig Pricing
 - B.O.P.E.
 - Travel
- **Special Services**
 - Well Abandonment Package Pricing
 - Special Services Coil/Cement EQMT Package Pricing & Cement Price
 - Cement EQMT Package Pricing & Cement Price
- **Wireline**
 - Well Abandonment Package Pricing
 - Target Abandonment Perforating Services Package Pricing
- **Hydro Testing**
 - Hydro Testing Pricing
- **Construction**
 - Construction Pricing
- **Contingencies**
 - Fluid Disposal Contingency
 - Operational Contingency
 - Material Contingency
 - Fuel Contingency

Well Abandonment Pricing – Engineering



Engineering – Abandonment Program

California Resources Corporation

Well Abandonment Program

Example of Water Disposal Well Abandonment

P&A Program

Well: 44EHP-1B

Primary Engineer: Matt Kyles: 661.377.4738 (cell)

Alternate Engineer: Daniel Bartlett: 661.428.8692 (cell)

Operations Coordinator: Jarred Schindel: 661.473.4725 (cell)

Operations Superintendent: Jim Scroggins: 661.303.9052 (cell)

Wellbore Configuration:

16" Conductor Pipe

10-3/4" 40.5# (ID = 10.05") cemented J-55 casing from surface to ~550'

- Note the volume of the 10-3/4" casing down to 500' (Top of Liner) is 275 cubic feet
 - .55 cf/ft

7" 23# (ID = 6.366") J-55 cemented Liner from ~500' to TD of ~1120'

- Perforated casing based on logs
- Note the volume of the 7" liner from 500' to 1120' is 137 cubic feet
 - .221 cf/ft

Other Significant Wellbore History: (Fishing Attempts/Plugs/Damage/Fill)

No significant other wellbore history.

Program:

The attached CalGEMS-approved permit/program has been vetted by **Matt Kyles**. It has been determined to meet objectives for proper abandonment according to regulations and meets CRC ARO objectives.

Note: Contact a CalGEM representative to witness all procedural steps required to be witnessed (i.e. clean-out depth, cement plug placement and hardness, perforating, mudding operations, surface plug and site restoration). All cement slurries and abandonment mud will conform to CalGEM specifications.

Anticipated Special Operations: (Fishing/Milling/Jarring/Acid etc) Attach special ops program as needed.

None

Needed/Approved Variances: (attach approved variance emails, if any)

None

Safety Reminder:

Perform all work safely and to "CRC Standards". Conduct proper Job Safety Analysis (JSA) prior to beginning any work or when there are deviations from the original scope of work. Check location for H₂S and mitigate as necessary, CRC policy is to not work in with any recorded levels of H₂S. Be aware of pinch points, suspended loads and overhead electrical hazards. Avoid slips, trips and falls by keeping surfaces free of excess materials and fluids on work floors and ground. Fill cellar with aggregate to minimize falls.

In Emergency always call 9-1-1 first. All Notification of incidents and emergencies shall be reported to Elk Hills COC @ 661-763-6363 ASAP.

Cement/Mud Volumes/Calculations:

1. Move in and rig up on 44EHP-1B. Nipple up the BOPE and function test.
2. Pull the tubing and packer completion.
3. Clean out down to PBMD at +/-1120'. Cal GEM to witness the tag at TD.
4. Pump Class G cement from PBMD at +/-1120' (or previous accepted tag by CalGem) to a 300' with **247 Cu.ft.** (100' higher than required). Tag TOC, CalGEM to witness.

Note: A tag of a minimum of 100' above the liner top (~500') is required.

Note: The Lower Tulare has historically drank a lot of cement. May want to add some LCM to the cement blend.
5. Pump Class G cement from 300' (or previous accepted tag by CalGem) to surface with **165 Cu.ft.** CalGEM to witness cement at surface.

****NOTE:** A high cement tag is acceptable if within 200ft of required tag depth.

Contact engineer if tag is deemed unacceptable. ***



Abandonment Cost Estimate

California Resources Corporation

Description	Net
Well: 35EHP-2B_PROP	
Subsurface Operations	
Rig Operations (Pulling Rods & Tubing)	TOTAL \$ 7,500.00
Special Services (Coil/Cementing Operations)	
Cementing Operations to Complete Well Abandonment in accordance to CalGEM Approved Permit	TOTAL \$ 29,500.00
Site Restoration	
Cut & Cap API Plate and Backfill, Site Remediation	TOTAL \$ 5,500.00
Net Sub-Total USD: \$ 42,500.00	

Description	Net
Well: 44EHP-1B_PROP	
Subsurface Operations	
Rig Operations (Pulling Rods & Tubing)	TOTAL \$ 7,500.00
Special Services (Coil/Cementing Operations)	
Cementing Operations to Complete Well Abandonment in accordance to CalGEM Approved Permit	TOTAL \$ 29,500.00
Site Restoration	
Cut & Cap API Plate and Backfill, Site Remediation	TOTAL \$ 5,500.00
Net Sub-Total USD: \$ 42,500.00	

Description	Net
Well: 78EHP-35R_PROP	
Subsurface Operations	
Rig Operations (Pulling Rods & Tubing)	TOTAL \$ 7,500.00
Special Services (Coil/Cementing Operations)	
Cementing Operations to Complete Well Abandonment in accordance to CalGEM Approved Permit	TOTAL \$ 29,250.00
Site Restoration	
Cut & Cap API Plate and Backfill, Site Remediation	TOTAL \$ 5,500.00
Net Sub-Total USD: \$ 42,250.00	



Abandonment Cost Estimate

California Resources Corporation

Description	Net
Well: 85EHP-2B_PROP	
Subsurface Operations	
Rig Operations (Pulling Rods & Tubing)	TOTAL \$ 7,500.00
Special Services (Coil/Cementing Operations)	
Cementing Operations to Complete Well Abandonment in accordance to CalGEM Approved Permit	TOTAL \$ 29,250.00
Site Restoration	
Cut & Cap API Plate and Backfill, Site Remediation	TOTAL \$ 5,500.00
Net Sub-Total USD: \$ 42,250.00	

Description	Net
Well: 25EHP-1B_PROP	
Subsurface Operations	
Rig Operations (Pulling Rods & Tubing)	TOTAL \$ 7,500.00
Special Services (Coil/Cementing Operations)	
Cementing Operations to Complete Well Abandonment in accordance to CalGEM Approved Permit	TOTAL \$ 30,250.00
Site Restoration	
Cut & Cap API Plate and Backfill, Site Remediation	TOTAL \$ 5,500.00
Net Sub-Total USD: \$ 43,250.00	

Description	Net
Well: 82EHP-2B_PROP	
Subsurface Operations	
Rig Operations (Pulling Rods & Tubing)	TOTAL \$ 7,500.00
Special Services (Coil/Cementing Operations)	
Cementing Operations to Complete Well Abandonment in accordance to CalGEM Approved Permit	TOTAL \$ 29,500.00
Site Restoration	
Cut & Cap API Plate and Backfill, Site Remediation	TOTAL \$ 5,500.00
Net Sub-Total USD: \$ 42,500.00	


Fluids

This proposal does not include the disposal of fluids, hazardous or non-hazardous in relation to any services provided to complete the well abandonment.

Operational Contingency

Any task(s), service(s), or operational function(s) needing to be performed deviating from the scope of work detailed in this proposal, within the abandonment program, and the CalGEM issued abandonment permit will be billed on an agreed time and material pricing schedule.

Material Contingency

The material pricing herein has been calculated based on current market price. However, the market for abandonment materials specified hereafter are to be considered volatile, and sudden price increases could occur. California Resources Corporation or business entity ordering products and services agrees to pay a renegotiated cost increase detailed in writing if materials increase by more than 5% to General Production Service of California, Inc.

- Cement; Calcium Chloride; Mud; Explosives
- Calcium Chloride
- Mud
- Explosives and
- Any Additional Unforeseen Material

Fuel Contingency

Fuel pricing should be assessed on a quarterly basis. Mutually agreed terms shall be established based on current market value of diesel fuel. A surcharge calculation can be established based on the increase and decrease of fuel by tracking the below website.

For retail diesel fuel price monitoring: https://www.eia.gov/dnav/pet/pet_pri_gnd_dcus_sca_m.htm

Contingencies

Each party may at any time propose changes in the schedule or scope of Products, Equipment, or Services in the form of a draft change order. Neither party is obligated to proceed with the changed schedule or scope until both parties agree to such change in writing. Unless otherwise agreed by the parties, pricing for additional work arising from such changes shall be at General Production Service of California Inc. current price book rates.

The services and products will be provided under the attached General Production Service of California, Inc. terms and conditions. By requesting that General Production provide the services and products described herein, Customer accepts all the terms and conditions of this proposal, including any agreed upon terms and conditions outlined within this proposal. In the event that Customer and General Production have executed a Master Services Agreement covering the services and products to be provided, such Master Services Agreement shall govern in place of the terms and conditions within this proposal.

Customer Signature _____

Print Name _____

Date _____

Unless stated otherwise in General Productions' quotation, the prices set forth herein do not include any taxes and freight charges, which shall be separately stated in the invoice and paid by the Customer to General Production Service.

ATTACHMENT F – FINANCIAL ASSURANCE

A third-party has provided the estimated costs to close, plug and/or abandon the six proposed wells (see Attachment E). The total plugging and abandonment cost for the six proposed wells is \$255,250. As detailed in the application for the existing Class V wells, the third-party cost estimate for plugging and abandonment of the three existing Class V wells was \$28,581.

A financial statement verifying resources necessary to plugging and abandonment the existing EHP wells was provided in **Exhibit F-1** of the application for the Class V wells. The existing Surety Bond total of \$630,000 is sufficient for both the existing and proposed wells. Therefore, EHP proposes to use the Surty Bond (included as Exhibit F-1) as financial assurance mechanism for the proposed new Class I injection wells.

Updated costs for the statement of financial responsibility will be submitted after the new injection wells are installed and before the injection is started.

Attachment F

Exhibit F-1 –Financial Assurance for Plugging and Abandonment of EHP Injection Wells

Financial Assurance for Plugging & Abandonment of EHP Wells



July 26, 2016

Regional Administrator
U.S. Environmental Protection Agency
Region 9
75 Hawthorne Street
San Francisco, California 94105-3901

Re: Financial Assurance for Well Permit #CA200002

Please find enclosed a Surety Bond, Standby Trust Agreement and the Standby Trust annual valuation as specified in subpart F of 40 CFR part 144 for the following:

Class I Nonhazardous Waste Injection Well Permit #CA200002
R9UIC-CA1-FY10-2R

Well Names: 25A-18G, 35-18G, 35A-18G

Elk Hills Power, LLC
4026 Skyline Road
Tupman, California 93276

There is a zero balance on the Standby Trust account. This standby Trust account will remain unfunded unless the EPA draws upon the surety bond provided by CRC.

Also enclosed is the cost estimate from third party contractor for plugging and abandonment of the wells owned and operated by Elk Hills Power, LLC.

If you have any questions, please do not hesitate to contact me at (661) 765-1805 or Sonnie.Pineda@crc.com.

Regards,

Sonnie Pineda
Sr. Environmental Advisor

Cc:
A. Smith
A. Durham
G. Hodgson
B. Pellens
B. Bond

28590 Highway 119 | Tupman, CA | 93276

Exhibit F-1: Financial Assurance for P&A of EHP Wells

Financial Guarantee Bond

Dated bond executed: **March 24, 2015**

Effective date: **March 31, 2015**

Principal: **California Resources Elk Hills, LLC
4026 Skyline Road, Tupman CA 93276**

Type of organization: **Corporation**

State of incorporation: **Delaware**

Surety: **Arch Insurance Company
Three Parkway, Suite 1500
Philadelphia, PA 19102**

EPA ID No. **R9UIC-CA1-FY10-2R**

**PO Box 460, 4026 Skyline Road
Tupman, CA 93276**

Well Names: **25A-18G, 35-18G, 35A-18G Amount Per Injection Well: \$210,000.00
Class I Nonhazardous Waste Injection Wells Permit #CA200002**

Total penal sum of bond: **\$630,000.00**

Surety Bond Number: **SU1131400**

Know All Persons By These Presents, That we, the Principal and Surety hereto are firmly bound to the U.S. Environmental Protection Agency (hereinafter called EPA), in the above penal sum for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally; provided that, where the Surety(ies) are corporations acting as co-sureties, we, the Surety, bind ourselves in such sum "jointly and severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be the full amount of the penal sum.

Whereas said Principal is required, under the Underground Injection Control Regulations (UIC), to have a permit or comply with requirements to operate under rule in order to own or operate each injection well identified above, and

Exhibit F-1: Financial Assurance for P&A of EHP Wells

Whereas said Principal is required to provide financial assurance for plugging and abandonment as a condition of the permit or provisions to operate under rule, and

Whereas said Principal shall establish a standby trust fund as is required when a surety bond is used to provide such financial assurance;

Now, therefore, the conditions of the obligation are such that if the Principal shall faithfully, before the beginning of plugging and abandonment of each injection well identified above, fund the standby trust fund in the amount(s) identified above for the injection well,

Or if the Principal shall fund the standby trust fund in such amount(s) within 15 days after an order to begin plugging and abandonment is issued by an EPA Regional Administrator or a U.S. district court or other court of competent jurisdiction,

Or, if the Principal shall provide alternate financial assurance, as specified in subpart F of 40 CFR part 144, as applicable, and obtain the EPA Regional Administrator's written approval of such assurance, within 90 days after the date of notice of cancellation is received by both the Principal and the EPA Regional Administrator(s) from the Surety, then this obligation shall be null and void, otherwise it is to remain in full force and effect.

The Surety shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described above. Upon notification by an EPA Regional Administrator that the Principal has failed to perform as guaranteed by this bond, the Surety shall place funds in the amount guaranteed for the injection well(s) into the standby trust funds as directed by the EPA Regional Administrator.

The liability of the Surety shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the penal sum of the bond, but in no event shall the obligation of the Surety hereunder exceed the amount of said penal sum.

The Surety may cancel the bond by sending notice of cancellation by certified mail to the Principal and to the EPA Regional Administrator(s) for the Region(s) in which the injection wells are located, provided, however, that that cancellation shall not occur during the 120 days beginning on the date of receipt of the notice of cancellation by both the Principal and the EPA Regional Administrator(s), as evidenced by the return receipts.

The Principal may terminate this bond by sending written notice to the Surety, provided, however, that no such notice shall become effective until the Surety receive(s) written authorization for termination of the bond by the EPA Regional Administrator(s) of the Region(s) in which the bonded facility is located.

In Witness Whereof, the Principal and Surety have executed this Financial Guarantee Bond and have affixed their seals on the date set forth above.

Exhibit F-1: Financial Assurance for P&A of EHP Wells

The persons whose signatures appear below hereby certify that they are authorized to execute this surety bond on behalf of the Principal and Surety and that the wording of this surety bond is identical to the wording specified in 40 CFR 144.70(b) as such regulations were constituted on the date this bond was executed.

Principal

California Resources Elk Hills, LLC

Signature

Name

Title

Corporate seal

Corporate Surety

Arch Insurance Company

Joyce M. Houghton, Attorney-in-Fact

Three Parkway, Suite 1500
Philadelphia, PA 19102

State of incorporation: Missouri.
Liability limit: \$630,000.00.

Corporate seal

Bond premium: \$3,074.00.

Exhibit F-1: Financial Assurance for P&A of EHP Wells

AIC 0000129542

THIS POWER OF ATTORNEY IS NOT VALID UNLESS IT IS PRINTED ON BLUE BACKGROUND.

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated. Not valid for Mortgage, Note, Loan, Letter of Credit, Bank Deposit, Currency Rate, Interest Rate or Residential Value Guarantees.

POWER OF ATTORNEY

Know All Persons By These Presents:

That the Arch Insurance Company, a corporation organized and existing under the laws of the State of Missouri, having its principal administrative office in Jersey City, New Jersey (hereinafter referred to as the "Company") does hereby appoint:

Christina A. Dunn, David A. Johnson, David C. Rosenberg, Denise M. Bruno, Harry C. Rosenburg, Jonathan H. Black, Joyce M. Houghton, Julia R. Burnet, Kimberly G. Rively, Matthew J. Rosenberg, Michelle G. Higgins and Sherri L. Feeney of King of Prussia, PA (EACH)

to and as my Attorney(s) in fact, to make, execute, seal, and deliver from the date of issuance of this power for and on its behalf of me, and as its act and deed:

Any and all bonds, undertakings, recognizances and other surety obligations, in the penal sum not exceeding Ninety Million Dollars (\$90,000,000.00).

This authority does not permit the same obligation to be split into two or more bonds in order to bring each such bond within the dollar limit of authority set forth herein.

The execution of such bonds, undertakings, recognizances and other surety obligations in pursuance of these presents shall be as binding upon the said Company as fully and amply to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal administrative office in Jersey City, New Jersey.

This Power of Attorney is executed by authority of resolutions adopted by unanimous consent of the Board of Directors of the Company on September 15, 2011, true and accurate copies of which are hereinafter set forth and are hereby certified to by the undersigned Secretary as being in full force and effect:

"VOTED, That the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, or the Secretary shall have the power and authority to appoint agents and attorneys in fact, and to authorize them subject to the limitations set forth in their respective powers of attorney, to execute on behalf of the Company, and attach the seal of the Company to any bonds, undertakings, recognizances and other surety obligations obligatory in the nature thereof, and any such officers of the Company may appoint agents for acceptance of process."

This Power of Attorney is signed, sealed and certified by facsimile under and by authority of the following resolution adopted by the unanimous consent of the Board of Directors of the Company on September 15, 2011:

VOTED: That the signature of the Chairman of the Board, the President, or the Executive Vice President, or any Senior Vice President, of the Surety Business Division, or their appointees designated in writing and filed with the Secretary, and the signature of the Secretary, the seal of the Company, and certifications by the Secretary, may be affixed by facsimile on any power of attorney or bond executed pursuant to the resolution adopted by the Board of Directors on September 15, 2011, and any such power so executed, sealed and certified with respect to any bond or undertaking to which it is attached, shall continue to be valid and binding upon the Company.

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Page 1 of 2

Printed in U.S.A.

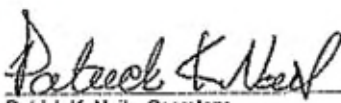
Exhibit F-1: Financial Assurance for P&A of EHP Wells

AIC 0000129542

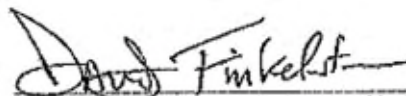
In Testimony Whereof, the Company has caused this instrument to be signed and its corporate seal to be affixed by their authorized officers, this 16th day of September, 2014.

Attested and Certified

Arch Insurance Company


Patrick K. Nails, Secretary

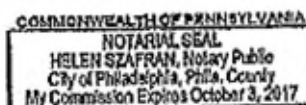


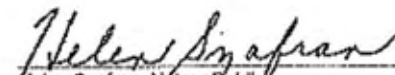

David M. Finkelstein, Executive Vice President

STATE OF PENNSYLVANIA SS

COUNTY OF PHILADELPHIA SS

I, Helen Szafran, a Notary Public, do hereby certify that Patrick K. Nails and David M. Finkelstein personally known to me to be the same persons whose names are respectively as Secretary and Executive Vice President of the Arch Insurance Company, a Corporation organized and existing under the laws of the State of Missouri, subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that they being thereunto duly authorized signed, sealed with the corporate seal and delivered the said instrument as the free and voluntary act of said corporation and as their own free and voluntary acts for the uses and purposes therein set forth.

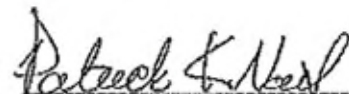



Helen Szafran, Notary Public
My commission expires 10/03/2017

CERTIFICATION

I, Patrick K. Nails, Secretary of the Arch Insurance Company, do hereby certify that the attached Power of Attorney dated September 15, 2014 on behalf of the person(s) as listed above is a true and correct copy and that the same has been in full force and effect since the date thereof and is in full force and effect on the date of this certificate; and I do further certify that the said David M. Finkelstein, who executed the Power of Attorney as Executive Vice President, was on the date of execution of the attached Power of Attorney the duly elected Executive Vice President of the Arch Insurance Company.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the Arch Insurance Company on this 24th day of March, 2015.


Patrick K. Nails, Secretary

This Power of Attorney limits the acts of those named therein to the bonds and undertakings specifically named therein and they have no authority to bind the Company except in the manner and to the extent herein stated.

PLEASE SEND ALL CLAIM INQUIRIES RELATING TO THIS BOND TO THE FOLLOWING ADDRESS:

Arch Insurance - Surety Division
3 Parkway, Suite 1500
Philadelphia, PA 19102



00ML0013 00 03 03

Page 2 of 2

Printed in U.S.A.

Exhibit F-1: Financial Assurance for P&A of EHP Wells

CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Pennsylvania }

County of Montgomery }

On March 24, 2015 before me, Michelle G. Higgins, Notary Public
(Please print name and title of the officer)

personally appeared Joyce M. Houghton

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Public Signature

(Notary Public Seal)

ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

SU1131400

(Title or description of attached document)

(Title or description of attached document continued)

Number of Pages Document Date

CAPACITY CLAIMED BY THE SIGNER

- ☐ Individual (s)
☐ Corporate Officer

(Title)

- ☐ Partner(s)
☐ Attorney-in-Fact
☐ Trustee(s)
☐ Other _____

INSTRUCTIONS FOR COMPLETING THIS FORM

This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. he/she/they- is /are) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
- The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
- Signature of the notary public must match the signature on file with the office of the county clerk.
 - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
 - ❖ Indicate title or type of attached document, number of pages and date.
 - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

ARCH INSURANCE COMPANY
STATEMENT OF FINANCIAL CONDITION
DECEMBER 31, 2014

Assets

Cash in Banks	\$ 127,486,649
Bonds owned	2,003,424,640
Stocks	441,536,973
Premiums in course of collection	318,368,265
Accrued interest and other assets	<u>310,044,748</u>

Total Assets	<u>\$ 3,200,859,275</u>
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Liabilities

Reserve for losses and adjustment expenses	\$ 1,356,487,805
Reserve for unearned premiums	347,898,150
Ceded reinsurance premiums payable	168,613,930
Amounts withheld or retained by company for account of others	199,971,426
Reserve for taxes, expenses and other liabilities	<u>349,520,028</u>

Total Liabilities	2,422,491,339
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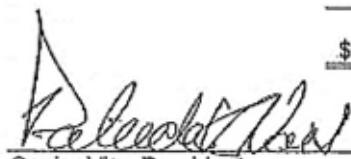
Surplus as regards policyholders	<u>778,367,936</u>
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Total Surplus and Liabilities	<u>\$ 3,200,859,275</u>
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By:


Senior Vice President, Chief
Financial Officer and Treasurer

Attest:


Senior Vice President,
General Counsel and Secretary

State of New Jersey)

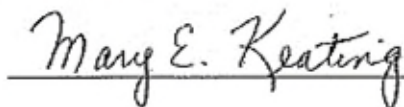
SS

County of Hudson)

Thomas James Ahern, Senior Vice President, Chief Financial Officer and Treasurer and Patrick Kenneth Nails, Senior Vice President, General Counsel and Secretary being duly sworn, of ARCH INSURANCE COMPANY, Missouri; and that the foregoing is a true and correct statement of financial condition of said company, as of December 31, 2014.

Subscribed and sworn to before me, this 10th day of March, 2015

Notary Public



MARY E. KEATING
NOTARY PUBLIC OF NEW JERSEY
ID # 2449620
My Commission Expires 8/28/2019

Exhibit F-1: Financial Assurance for P&A of EHP Wells

Trust Agreement

TRUST AGREEMENT, the "Agreement," entered into as of March 27, 2015 by and between California Resources Elk Hills, LLC, a Delaware limited liability company, the "Grantor," and U.S. Bank National Association, a national bank, incorporated in the State of Ohio, the "Trustee."

Whereas, the United States Environmental Protection Agency, "EPA," an agency of the United States Government, has established certain regulations applicable to the Grantor, requiring that an owner or operator of an injection well shall provide assurance that funds will be available when needed for plugging and abandonment of the injection well,

Whereas, the Grantor has elected to establish a trust to provide all or part of such financial assurance for the facility(ies) identified herein,

Whereas, the Grantor, acting through its duly authorized officers, has selected the Trustee to be the trustee under this agreement, and the Trustee is willing to act as trustee,

Now, therefore, the Grantor and the Trustee agree as follows:

Section 1. Definitions. As used in this Agreement:

(a) The term "Grantor" means the owner or operator who enters into this Agreement and any successors or assigns of the Grantor.

(b) The term "Trustee" means the Trustee who enters into this Agreement and any successor Trustee.

(c) Facility or activity means any "underground injection well" or any other facility or activity that is subject to regulation under the Underground Injection Control Program.

Section 2. Identification of Facilities and Cost Estimates. This Agreement pertains to the facilities and cost estimates identified on attached Schedule A.

Section 3. Establishment of Fund. The Grantor and the Trustee hereby establish a trust fund, the "Fund," for the benefit of EPA. The Grantor and the Trustee intend that no third party have access to the Fund except as herein provided. The Fund is established initially as consisting of the property, which is acceptable to the Trustee, described in Schedule B attached hereto. Such property and any other property subsequently transferred to the Trustee is referred to as the Fund, together with all earnings and profits thereon, less any payments or distributions made by the Trustee pursuant to this Agreement. The Fund shall be held by the Trustee, IN TRUST, as hereinafter provided. The Trustee shall not be responsible nor shall it undertake any responsibility for the amount or adequacy of, nor any duty to collect from the Grantor, any payments necessary to discharge any liabilities of the Grantor established by EPA.

Section 4. Payment for Plugging and Abandonment. The Trustee shall make payments from the Fund as the EPA Regional Administrator shall direct, in writing, to provide for the payment of the costs of plugging and abandonment of the injection wells covered by this Agreement. The Trustee shall reimburse the Grantor or other persons as specified by the EPA Regional Administrator from the Fund for plugging and abandonment expenditures in such amounts as the EPA Regional Administrator shall direct in writing. In addition, the Trustee shall refund to the Grantor such amounts as the EPA Regional Administrator specifies in writing. Upon refund, such funds shall no longer constitute part of the Fund as defined herein.

Section 5. Payments Comprising the Fund. Payments made to the Trustee for the Fund shall consist of cash or securities acceptable to the Trustee.

Exhibit F-1: Financial Assurance for P&A of EHP Wells

Section 6. Trustee Management. The Trustee shall invest and reinvest the principal and income of the Fund and keep the Fund invested as a single fund, without distinction between principal and income, in accordance with general investment policies and guidelines which the Grantor may communicate in writing to the Trustee from time to time, subject, however, to the provisions of this Section. In investing, reinvesting, exchanging, selling, and managing the Fund, the Trustee shall discharge his duties with respect to the trust fund solely in the interest of the beneficiary and with the care, skill, prudence, and diligence under the circumstances then prevailing which persons of prudence, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of a like character and with like aims; *except that:*

(i) Securities or other obligations of the Grantor, or any other owner or operator of the facilities, or any of their affiliates as defined in the Investment Company Act of 1940, as amended, 15 U.S.C. 80a-2.(a), shall not be acquired or held, unless they are securities or other obligations of the Federal or a State government;

(ii) The Trustee is authorized to invest the Fund in time or demand deposits of the Trustee, to the extent insured by an agency of the Federal or State government; and

(iii) The Trustee is authorized to hold cash awaiting investment or distribution uninvested for a reasonable time and without liability for the payment of interest thereon.

Section 7. Commingling and Investment. The Trustee is expressly authorized in its discretion:

(a) To transfer from time to time any or all of the assets of the Fund to any common, commingled, or collective trust fund created by the Trustee in which the Fund is eligible to participate, subject to all of the provisions thereof, to be commingled with the assets of other trusts participating therein; and

(b) To purchase shares in any investment company registered under the Investment Company Act of 1940, 15 U.S.C. 80a-1 *et seq.*, including one which may be created, managed, underwritten, or to which investment advice is rendered or the shares of which are sold by the Trustee. The Trustee may vote shares in its discretion.

Section 8. Express Powers of Trustee. Without in any way limiting the powers and discretions conferred upon the Trustee by the other provisions of this Agreement or by law, the Trustee is expressly authorized and empowered:

(a) To sell, exchange, convey, transfer, or otherwise dispose of any property held by it, by public or private sale. No person dealing with the Trustee shall be bound to see to the application of the purchase money or to inquire into the validity or expediency of any such sale or other disposition;

(b) To make, execute, acknowledge, and deliver any and all documents of transfer and conveyance and any and all other instruments that may be necessary or appropriate to carry out the powers herein granted;

(c) To register any securities held in the Fund in its own name or in the name of a nominee and to hold any security in bearer form or in book entry, or to combine certificates representing such securities with certificates of the same issue held by the Trustee in other fiduciary capacities, or to deposit or arrange for the deposit of such securities in a qualified central depository even though, when so deposited, such securities may be merged and held in bulk in the name of the nominee of such depository with other securities deposited therein by another person, or to deposit or arrange for the deposit of any securities issued by the United States Government, or any agency or instrumentality thereof, with a Federal Reserve bank, but the books and records of the Trustee shall at all times show that all such securities are part of the Fund;

Exhibit F-1: Financial Assurance for P&A of EHP Wells

(d) To deposit any cash in the Fund in interest-bearing accounts maintained or savings certificates issued by the Trustee, in its separate corporate capacity, or in any other banking institution affiliated with the Trustee, to the extent insured by an agency of the Federal or State government; and

(e) To compromise or otherwise adjust all claims in favor of or against the Fund.

Section 9. Taxes and Expenses. All taxes of any kind that may be assessed or levied against or in respect of the Fund and all brokerage commissions incurred by the Fund shall be paid from the Fund. All other expenses incurred by the Trustee in connection with the administration of this Trust, including fees for legal services rendered to the Trustee, the compensation of the Trustee to the extent not paid directly by the Grantor, and all other proper charges and disbursements of the Trustee shall be paid from the Fund.

Section 10. Annual Valuation. The Trustee shall annually, at least 30 days prior to the anniversary date of establishment of the Fund, furnish to the Grantor and to the appropriate EPA Regional Administrator a statement confirming the value of the Trust. Any securities in the Fund shall be valued at market value as of no more than 60 days prior to the anniversary date of establishment of the Fund. The failure of the Grantor to object in writing to the Trustee within 90 days after the statement has been furnished to the Grantor and the EPA Regional Administrator shall constitute a conclusively binding assent by the Grantor, barring the Grantor from asserting any claim or liability against the Trustee with respect to matters disclosed in the statement.

Section 11. Advice of Counsel. The Trustee may from time to time consult with counsel, who may be counsel to the Grantor, with respect to any question arising as to the construction of this Agreement of any action to be taken hereunder. The Trustee shall be fully protected, to the extent permitted by law, in acting upon the advice of counsel.

Section 12. Trustee Compensation. The Trustee shall be entitled to reasonable compensation for its services as agreed upon in writing from time to time with the Grantor.

Section 13. Successor Trustee. The Trustee may resign or the Grantor may replace the Trustee, but such resignation or replacement shall not be effective until the Grantor has appointed a successor trustee and this successor accepts the appointment. The successor trustee shall have the same powers and duties as those conferred upon the Trustee hereunder. Upon the successor trustee's acceptance of the appointment, the Trustee shall assign, transfer, and pay over to the successor trustee the funds and properties then constituting the Fund. If for any reason the Grantor cannot or does not act in the event of the resignation of the Trustee, the Trustee may apply to a court of competent jurisdiction for the appointment of a successor trustee or for instructions. The successor trustee shall specify the date on which it assumes administration of the trust in a writing sent to the Grantor, the EPA Regional Administrator, and the present Trustee by certified mail 10 days before such change becomes effective. Any expenses incurred by the Trustee as a result of any of the acts contemplated by this Section shall be paid as provided in Section 9.

Section 14. Instructions to the Trustee. All orders, requests, and instructions by the Grantor to the Trustee shall be in writing, signed by such persons as are designated in the attached Exhibit A or such other designees as the Grantor may designate by amendment to Exhibit A. The Trustee shall be fully protected in acting without inquiry in accordance with the Grantor's orders, requests, and instructions. All orders, requests, and instructions by the EPA Regional Administrator to the Trustee shall be in writing, signed by the EPA Regional Administrators of the Regions in which the facilities are located, or their designees, and the Trustee shall act and shall be fully protected in acting in accordance with such orders, requests, and instructions. The Trustee shall have the right to assume, in the absence of written notice to the contrary, that no event constituting a change or a termination of the authority of any person to act on behalf of the

Exhibit F-1: Financial Assurance for P&A of EHP Wells

Grantor or EPA hereunder has occurred. The Trustee shall have no duty to act in the absence of such orders, requests, and instructions from the Grantor and/or EPA, except as provided for herein.

Section 15. Notice of Nonpayment. The Trustee shall notify the Grantor and the appropriate EPA Regional Administrator, by certified mail within 10 days following the expiration of the 30-day period after the anniversary of the establishment of the Trust, if no payment is received from the Grantor during that period. After the pay-in period is completed, the Trustee shall not be required to send a notice of nonpayment.

Section 16. Amendment of Agreement. This Agreement may be amended by an instrument in writing executed by the Grantor, the Trustee, and the appropriate EPA Regional Administrator, or by the Trustee and the appropriate EPA Regional Administrator if the Grantor ceases to exist.

Section 17. Irrevocability and Termination. Subject to the right of the parties to amend this Agreement as provided in Section 16, this Trust shall be irrevocable and shall continue until terminated at the written agreement of the Grantor, the Trustee, and the EPA Regional Administrator, or by the Trustee and the EPA Regional Administrator if the Grantor ceases to exist. Upon termination of the Trust, all remaining trust property, less final trust administration expenses, shall be delivered to the Grantor.

Section 18. Immunity and Indemnification. The Trustee shall not incur personal liability of any nature in connection with any act or omission, made in good faith, in the administration of this Trust, or in carrying out any directions by the Grantor or the EPA Regional Administrator issued in accordance with this Agreement. The Trustee shall be indemnified and saved harmless by the Grantor or from the Trust Fund, or both, from and against any personal liability to which the Trustee may be subjected by reason of any act or conduct in its official capacity, including all expenses reasonably incurred in its defense in the event the Grantor fails to provide such defense.

Section 19. Choice of Law. This Agreement shall be administered, construed, and enforced according to the laws of the State of California.

Section 20. Interpretation. As used in this Agreement, words in the singular include the plural and words in the plural include the singular. The descriptive headings for each Section of this Agreement shall not affect the interpretation or the legal efficacy of this Agreement.

Exhibit F-1: Financial Assurance for P&A of EHP Wells

In Witness Whereof the parties have caused this Agreement to be executed by their respective officers duly authorized and their corporate seals to be hereunto affixed and attested as of the date first above written. The parties below certify that the wording of this Agreement is identical to the wording specified in 40 CFR 144.70(a)(1) as such regulations were constituted on the date first above written.

California Resources Elk Hills, LLC



By Michael L. Preston, Executive Vice President, General Counsel and Corporate Secretary

State of California

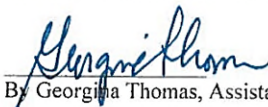
County of Los Angeles

On this March 27, 2015, before me personally came Michael L. Preston to me known, who, being by me duly sworn, did depose and say that she/he resides at [address], that she/he is Executive Vice President, General Counsel and Corporate Secretary of California Resources Elk Hills, LLC, the limited liability company described in and which executed the above instrument; that she/he knows the seal of said company; and that the seal affixed to such instrument is such seal.

[Signature of Notary Public]

[Seal]

U.S. Bank National Association



By Georgia Thomas, Assistant Vice President

State of

County of

On this March 27, 2015, before me personally came [Name] to me known, who, being by me duly sworn, did depose and say that she/he resides at [address], that she/he is [title] of [trustee], the [entity] described in and which executed the above instrument; that she/he knows the seal of said [entity]; and that the seal affixed to such instrument is such seal.

[Signature of Notary Public]

Exhibit F-1: Financial Assurance for P&A of EHP Wells

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE of CALIFORNIA)

COUNTY of LOS ANGELES)

ss:

On March 27, 2015 before me, Reuel Espeleta Doce, Notary Public personally appeared Georgina Thomas, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature: *Reuel Doce*

[Seal]

099999\6648153v1

Exhibit F-1: Financial Assurance for P&A of EHP Wells

Schedule AInjection WellPlugging and
Abandonment

Class I Nonhazardous Waste Injection Wells Permit #CA200002 R9UIC-CA1-FY10-2R Well Names: 25A-18G, 35-18G, 35A-18G Elk Hills Power, LLC P.O. Box 460 4026 Skyline Road Tupman, California 93276	\$ 630,000
Total	\$ 630,000

Exhibit F-1: Financial Assurance for P&A of EHP Wells

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California }
 County of, Orange
 On 3/27/2015 before me, Ethel D. Jones, Notary Public
Date Here Insert Name and Title of the Officer
 personally appeared Michael L. Preston
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Ethel D. Jones
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Exhibit F-1: Financial Assurance for P&A of EHP Wells



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CALIFORNIA RESOURCES ELK HILLS LLC
ATTN ALLAN DURHAM-DIRECTOR-FINANCE
9200 OAKDALE AVE FL 9
LOS ANGELES CA 91311

00--M-6-PC-208-01
0274318-00-00765-01

Page 1 of 2

ACCOUNT NUMBER: 245522000
CALIFORNIA RESOURCES ELK HILLS, LLC
AND UNITED STATES ENVIRONMENTAL
PROTECTION AGENCY (EPA)
STANDBY TRUST AGREEMENT 2015
STANDBY TRUST ACCOUNT

This statement is for the period from
March 1, 2016 to March 31, 2016

QUESTIONS?

If you have any questions regarding
your account or this statement, please
contact your Account Manager or Analyst.

Account Manager:
ISMAEL DIAZ
LM-CA-T24T
633 WEST FIFTH STREET
24TH FLOOR
LOS ANGELES, CA 90071
Phone 213-615-6063
E-mail ismael.diaz@usbank.com

Analyst:
JENNY JENSEN
Phone 651-466-6102

Exhibit F-1: Financial Assurance for P&A of EHP Wells



00- -M -6-PC -208-01 00000201 2
0274318-00-00765-01 Page 2 of 3

ACCOUNT NUMBER: 245522000
CALIFORNIA RESOURCE ELK HILLS, LLC
AND UNITED STATES ENVIRONMENTAL
PROTECTION AGENCY (EPA)
STANDBY TRUST AGREEMENT 2015
STANDBY TRUST ACCOUNT

This statement is for the period from
March 1, 2016 to March 31, 2016

MARKET VALUE SUMMARY

Current Period
03/01/16 to 03/31/16

Beginning Market Value	\$0.00
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Ending Market Value	\$0.00
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MARKET VALUE SUMMARY MESSAGES

No activity qualifies for this statement period.



Exhibit F-1: Financial Assurance for P&A of EHP Wells



00-M-6-PC-208-01 00000201
0274318-00-00765-01 Page 3 of 3

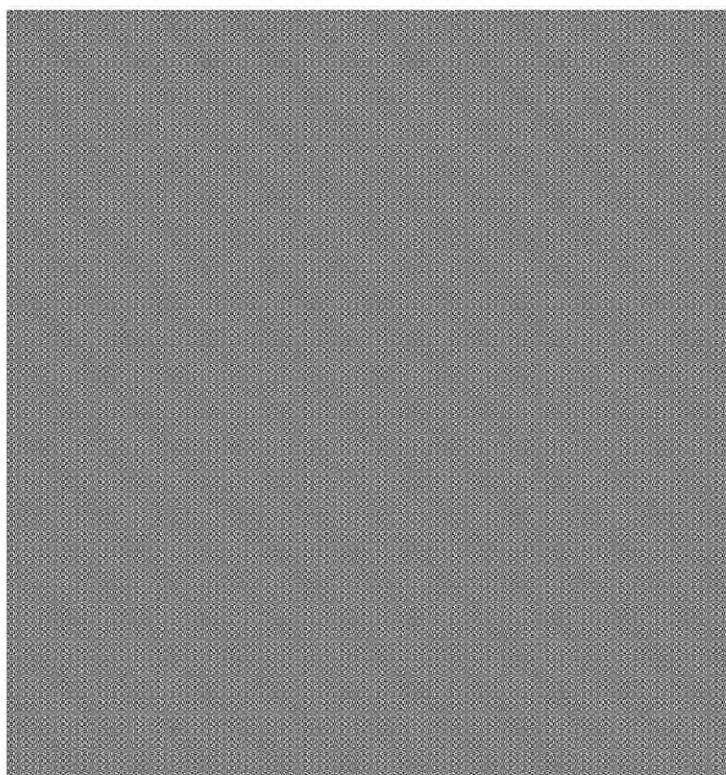
ACCOUNT NUMBER: 245522000
CALIFORNIA RESOURCES ELK HILLS, LLC
AND UNITED STATES ENVIRONMENTAL
PROTECTION AGENCY (EPA)
STANDBY TRUST AGREEMENT 2015
STANDBY TRUST ACCOUNT

This statement is for the period from
March 1, 2016 to March 31, 2016

ASSET DETAIL MESSAGES

No reportable securities for this statement period

Exhibit F-1: Financial Assurance for P&A of EHP Wells



Glossary

Accretion - The accumulation of the value of a discounted bond until maturity.

Adjusted Prior Market Realized Gain/Loss - The difference between the proceeds and the Prior Market Value of the transaction.

Adjusted Prior Market Unrealized Gain/Loss - The difference between the Market Value and the Adjusted Prior Market Value.

Adjusted Prior Market Value - A figure calculated using the beginning Market Value for the fiscal year, adjusted for all asset related transactions during the period, employing an average cost methodology.

Amortization - The decrease in value of a premium bond until maturity.

Asset - Anything owned that has commercial exchange value. Assets may consist of specific property or of claims against others, in contrast to obligations due to others (liabilities).

Bond Rating - A measurement of a bond's quality based upon the issuer's financial condition. Ratings are assigned by independent rating services, such as Moody's, or S&P, and reflect their opinion of the issuer's ability to meet the scheduled interest and principal repayments for the bond.

Cash - Cash activity that includes both income and principal cash categories.

Change In Unrealized Gain/Loss - Also reported as Gain/Loss in Period in the Asset Detail section. This figure shows the market appreciation (depreciation) for the current period.

Cost Basis (Book Value) - The original price of an asset, normally the purchase price or appraised value at the time of acquisition. Book Value method maintains an average cost for each asset.

Cost Basis (Tax Basis) - The original price of an asset, normally the purchase price or appraised value at the time of acquisition. Tax Basis uses client determined methods such as Last-In-First-Out (LIFO), First-In-First-Out (FIFO), Average, Minimum Gain, and Maximum Gain.

Ending Accrual - (Also reported as Accrued Income) Income earned but not yet received, or expenses incurred but not yet paid, as of the end of the reporting period.

Estimated Annual Income - The amount of income a particular asset is anticipated to earn over the next year. The shares multiplied by annual income rate.

Estimated Current Yield - The annual rate of return on an investment expressed as a percentage. For stocks, yield is calculated by taking the annual dividend payments divided by the stock's current share price. For bonds, yield is calculated by the coupon rate divided by the bond's market price.

Ex-Dividend Date - (Also reported as Ex-Date) For stock trades, the person who owns the security on the ex-dividend date will earn the dividend, regardless of who currently owns the stock.

Income Cash - A category of cash comprised of ordinary earnings derived from investments, usually dividends and interest.

Market Value - The price per unit multiplied by the number of units.

Maturity Date - The date on which an obligation or note matures.

Payable Date - The date on which a dividend, mutual fund distribution, or interest on a bond will be made.

Principal Cash - A category of cash comprised of cash, deposits, cash withdrawals and the cash flows generated from purchases or sales of investments.

Realized Gain/Loss Calculation - The Proceeds less the Cost Basis of a transaction.

Settlement Date - The date on which a trade settles and cash or securities are credited or debited to the account.

Trade Date - The date a trade is legally entered into.

Unrealized Gain/Loss - The difference between the Market Value and Cost Basis at the end of the current period.

Yield on/at Market - The annual rate of return on an investment expressed as a percentage. For stocks, yield is calculated by the annual dividend payments divided by the stock's current share price. For bonds, yield is calculated by the coupon rate divided by the bond's market price.

The terms defined in this glossary are only for use when reviewing your account statement. Please contact your Relationship Manager with any questions.

Exhibit F-1: Financial Assurance for P&A of EHP Wells



U.S. Bank
1555 N. Rivercenter Dr.
Suite 300
Milwaukee, WI 53212

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CALIFORNIA RESOURCES ELK HILLS LLC
ATTN ALLAN DURHAM-DIRECTOR-FINANCE
9200 OAKDALE AVE FL 9
LOS ANGELES CA 91311



Exhibit F-1: Financial Assurance for P&A of EHP Wells

ATTACHMENT G - SITE SECURITY AND MANIFEST REQUIREMENTS (COMMERCIAL WELLS ONLY)

This section is not applicable to the EHPP because the wells are not commercial. However, the well locations are inside the secured and fenced area of Elk Hills Oil Field.

ATTACHMENT H – AQUIFER EXEMPTIONS

The zone of injection for the six proposed UIC wells is the Lower Tulare Formation. The Lower Tulare Formation in the AOR is an exempted aquifer. Thus, no additional aquifer exemption application is required for this application.

The administrative boundary of Elk Hills Oil Field covers approximately 72 square miles and because of its size, geologic and hydrogeologic considerations, California Geologic Energy Management Division (CalGEM), formerly California Department of Conservation, Division of Oil, Gas, and Geothermal Resources submitted two Aquifer Exemption applications to the U.S. Environmental Protection Agency (EPA) for the Upper Tulare Interval B and Lower Tulare Formation. The Phase 1 aquifer exemption area covers the southwest flank of Elk Hills, and the Phase 2 area includes the northwest and western areas of Elk Hills (**Exhibit H-1**). The aquifer exemption application for the Phase 1 Area was submitted on June 2, 2016, and the aquifer exemption application for the Phase 2 Area was submitted on August 23, 2016. Based on the review of the supporting data by CalGEM and with concurrence from the State Water Resources Control Board, it was determined that the lower Tulare Formation met the requirements of an aquifer exemption.

The Aquifer Exemption Request for the Phase 1 Area was approved for the Lower Tulare Formation by the EPA on March 29, 2018. The final decision regarding the lower Tulare Phase 1 aquifer exemption can be accessed by following the link: https://www.epa.gov/sites/default/files/2018-03/documents/epa_ae-rod-on-elk-hills-phase-1-2018-03-29.pdf.

The Aquifer Exemption Request for the Phase 2 Area was also approved for the Lower Tulare Formation by the EPA on March 29, 2018. The final decision regarding the lower Tulare Phase 2 aquifer exemption can be accessed by following the link: https://www.epa.gov/sites/default/files/2018-03/documents/epa_ae-rod-on-elk-hills-phase-2-2018-03-29.pdf.

Non-protected groundwater and aquifer exemptions exist directly to the north and south of the 1B/2B area. To the north of the Section 1B, the State Water Resources Control Board reviewed and concurred with a demonstration by the former Occidental of Elk Hills, Inc., now CRC, that protected water is absent in 36R (Attachment 19). Two to three miles south of the 1B/2B area, the Tulare Formation within the administrative limits of the Buena Vista field has an aquifer exemption as defined in the 1982 Memorandum of Agreement (MOA) between the California Division of Oil, Gas and Geothermal Resources (DOGGR) and the U. S. Environmental Protection Agency (EPA) (**Exhibit H-2**). This aquifer exemption was granted for the entire Tulare Formation based on it being a non-hydrocarbon producing zone being used for the disposal of wastewater.

(ftp://ftp.consrv.ca.gov/pub/oil/SWRCB%20Concurrence%20Letters%20and%20Groundwater%20Monitoring%20Exemption%20Documents%20Directory/Calif.%20Res.%20Corp.%20Buena%20Vista%20Field%20Section%209D/Letter%20of%20Concurrence%20Calif%20Res%20Corp%20_Buena%20Vista%20field%20Section%209D.pdf).