

Last Updated: 7/24/2024 11:52 AM

Field Name		Lease Name		Well No.
Firebaugh		Britton		1
County		State		API No.
Fresno		California		04-019-20522-0000
Version	Version Tag			
1	Re-abandon prior to Injection			
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
182.0	194.0	28	12S	13E
Operator			Well Type	Well Status
R. Bruce Grey			Dry Hole	Plugged
Latitude			Longitude	
36.85324097			-120.55284119	
Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From
650	N	2800	E	SW
Prop Num		Spud Date	Comp. Date	Plug Date
		11/20/1970	12/2/1970	
Additional Information				
Other 1		Other 2		Other 4
Prepared By		Updated By		Last Updated
1258		1258		7/24/2024 11:52 AM

Hole Summary				
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo
11/20/1970	12.250	12	765	pg. 4
11/22/1970	7.875	765	7,907	pg. 4

Tubular Summary							
Date	Description	OD (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	RL
11/21/1970	Surface Casing	8.625	34.00	H-40	17	764	C

Casing Cement Summary							
C	Date	No. Sx	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
	11/21/1970	205	8.625	17	765	pg. 4, yield N.R. Cut casing 5' below ground level and weld steel plate on top	C

Tools/Problems Summary						
Date	Tool Type	OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	RL
	Fill	12.250	0.000	12	17	C
	Steel Plate	8.625	0.000	17	0	C
	Mud	7.971	0.000	42	765	C
	Mud	7.875	0.000	765	2,589	C
	Mud	7.875	0.000	2,814	3,155	C
	Mud	7.875	0.000	3,280	4,312	C
	Mud	7.875	0.000	5,734	7,674	C

Cement Plug Summary							
C	Date	No. Sx	OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
		8	7.921	17	42	Plug 4	C
		67	7.875	2,589	2,814	Plug 3	C
		37	7.875	3,155	3,280	Plug 2	C
		419	7.875	4,312	5,734	Plug 1b	C
		69	7.875	7,674	7,907	Plug 1a	C

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Formation Tops Summary		
Formation	Top (TVD ft)	Comments
Base USDW	2,789	Base USDW @2,789'
Zilch	3,255	Zilch @3,255'
Kreyenhagen	3,775	Kreyenhagen @3,775'
Domengine	4,412	Domengine @4,412'
Hall	5,709	Hall @5,709'
Garzas	6,013	Garzas @6,013'
Moreno	7,000	Moreno @7,000'
Blewett	7,774	Blewett @7,774'

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Field Name		Lease Name		Well No.	County		State		API No.	
Firebaugh		Britton		1	Fresno		California		04-019-20522-0000	
Version	Version Tag					Spud Date	Comp. Date	GL (ft)	KB (ft)	
1	Re-abandon prior to Injection					11/20/1970	12/2/1970	182.0	194.0	
Section	Township/Block		Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From	
28	12S		13E		650	N	2,800	E	SW	
Operator			Well Status			Latitude		Longitude		Prop Num
R. Bruce Grey			Plugged			36.85324097		-120.55284119		
Other 1		Other 2			Other 3			Other 4		
Last Updated		Prepared By				Updated By				
07/24/2024 11:52 AM		1258				1258				
Additional Information										

#### Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo
11/20/1970	12.250	12	765	pg. 4
11/22/1970	7.875	765	7,907	pg. 4

#### Tubular Summary

Date	Description	No. Jts	OD (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo	RL
11/21/1970	Surface Casing	19	8.625	34.00	H-40		17	764	pg. 4. Cut casing 5' below ground level and weld steel plate on top	C

#### Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Shoe Jt Len. (ft)	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL
	11/21/1970	205			0	8.625	17	765	205 sx Class "G" with 4% gel, followed by 100 sx Class "G" with 3% CaCl2	pg. 4, yield N.R. Cut casing 5' below ground level and weld steel plate on top	C

#### Tools/Problems Summary

Date	Tool Type	OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL
	Fill	12.250	0.000	12	17	Backfill & restore location		C
	Steel Plate	8.625	0.000	17	0	Cut casing 5' below ground level and weld steel plate on top		C
	Mud	7.971	0.000	42	765	Abandonment mud		C
	Mud	7.875	0.000	765	2,589	Abandonment mud		C
	Mud	7.875	0.000	2,814	3,155	Abandonment mud		C
	Mud	7.875	0.000	3,280	4,312	Abandonment mud		C
	Mud	7.875	0.000	5,734	7,674	Abandonment mud		C

#### Cement Plug Summary

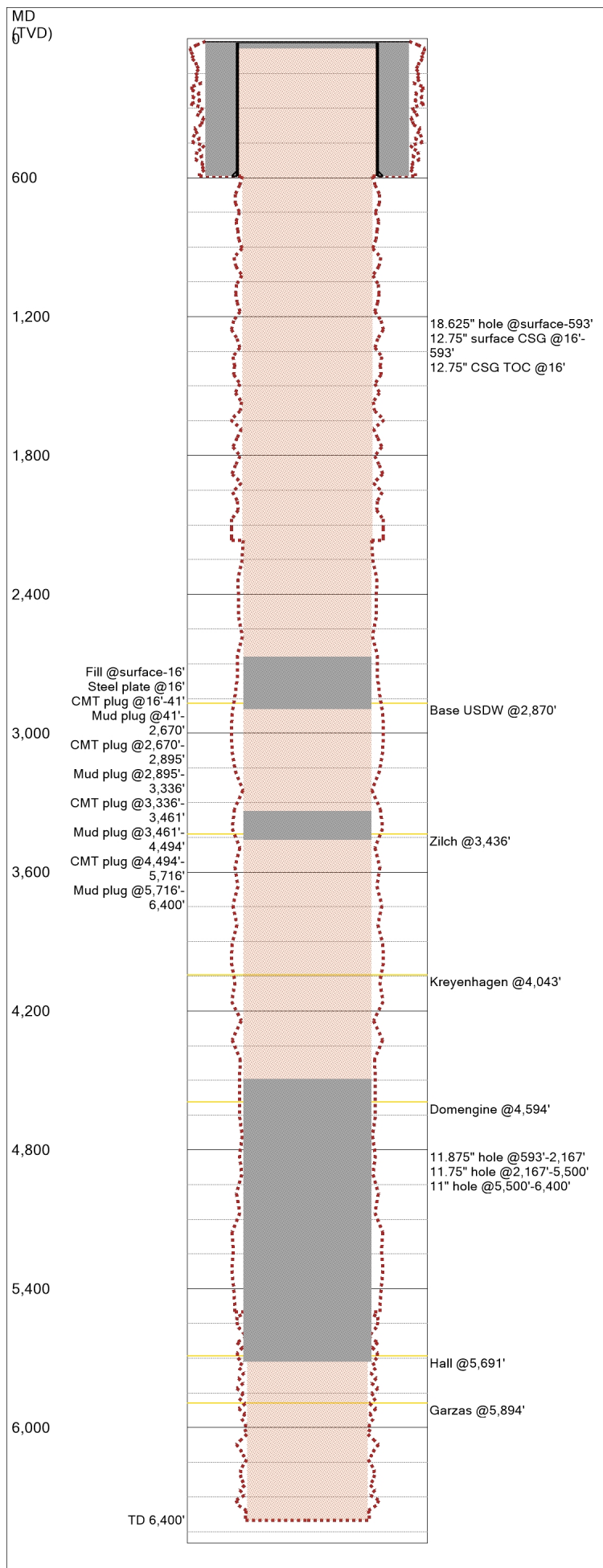
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	OD (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL
		8	1.06625	8.53	7.921	17	42	25' surface plug, Class G cement	Plug 4	C
		67	1.13552	76.079	7.875	2,589	2,814	225' Base of USDW, Class G cement	Plug 3	C
		37	1.14270	42.280	7.875	3,155	3,280	125' Dissipation Zone, Class G cement	Plug 2	C
		419	1.14797	480.99	7.875	4,312	5,734	25' below to 100' above the Domengine, Class G cement	Plug 1b	C
		69	1.14246	78.830	7.875	7,674	7,907	100' above the Blewett, Class G cement	Plug 1a	C

#### Formation Top Summary

Formation Name	Top(TVD ft)	Memo
Base USDW	2,789	BASE_USDW_SSTVD_GRASSLANDS, 04019205220000
Zilch	3,255	11_6_Zilch_final, 04019205220000

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Formation Name	Top(TVD ft)	Memo
Kreyenhagen	3,775	11_6_Kreyenhagen_final, 04019205220000
Domengine	4,412	11_6_Domengine_final, 04019205220000
Hall	5,709	11_16_Hall_not_modelled, 04019205220000
Garzas	6,013	11_6_Garzas_final, 04019205220000
Moreno	7,000	11_16_Moreno_not_modelled, 04019205220000
Blewett	7,774	11_6_Blewett_final, 04019205220000



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Field Name		Lease Name		Well No.
Firebaugh		Hotchkiss		15-2
County		State		API No.
Fresno		California		04-019-06000-0000
Version	Version Tag			
1	Re-Abandon prior to Injection			
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey
198.0	208.5	2	13S	13E
Operator			Well Type	Well Status
C. W. Colgrove			Dry Hole	Plugged
Latitude			Longitude	
36.82822418			-120.52864075	
Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From
330	S	330	E	W 1/4
Prop Num		Spud Date	Comp. Date	Plug Date
		10/15/1949	11/3/1949	
Additional Information				
Other 1		Other 2		Other 4
Prepared By		Updated By		Last Updated
1258		1258		7/24/2024 11:42 AM

#### Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo
10/15/1949	18.625	11	593	pg. 4
10/19/1949	11.875	593	2,167	pg. 4
10/22/1949	11.750	2,167	5,500	pg. 4-5
10/30/1949	11.000	5,500	6,400	pg. 5-6

#### Tubular Summary

Date	Description	OD (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	RL
10/18/1949	Surface Casing	12.750	42.00		16	593	C

#### Casing Cement Summary

C	Date	No. Sx	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
	10/18/1949	650	12.750	16	593	pg. 4, yield N.R. Cut casing 5' below ground level and weld steel plate on top	C

#### Tools/Problems Summary

Date	Tool Type	OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	RL
	Fill	18.625	0.000	11	16	C
	Steel Plate	12.750	0.000	16	0	C
	Mud	12.625	0.000	41	593	C
	Mud	11.875	0.000	593	2,167	C
	Mud	11.750	0.000	2,167	2,670	C
	Mud	11.750	0.000	2,895	3,336	C
	Mud	11.750	0.000	3,461	4,494	C
	Mud	11.000	0.000	5,716	6,400	C

#### Cement Plug Summary

C	Date	No. Sx	OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
		19	12.625	16	41	Plug 4	C
		148	11.750	2,670	2,895	Plug 3	C

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C	Date	No. Sx	OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
		82	11.750	3,336	3,461	Plug 2	C
		801	11.750	4,494	5,716	Plug 1	C

**Formation Tops Summary**

Formation	Top (TVD ft)	Comments
Base USDW	2,870	Base USDW @2,870'
Zilch	3,436	Zilch @3,436'
Kreyenhagen	4,043	Kreyenhagen @4,043'
Domengine	4,594	Domengine @4,594'
Hall	5,691	Hall @5,691'
Garzas	5,894	Garzas @5,894'

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Field Name		Lease Name		Well No.	County	State		API No.	
Firebaugh		Hotchkiss		15-2	Fresno	California		04-019-06000-0000	
Version	Version Tag				Spud Date		Comp. Date	GL (ft)	KB (ft)
1	Re-Abandon prior to Injection				10/15/1949		11/3/1949	198.0	208.5
Section	Township/Block	Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From	
2	13S	13E		330	S	330	E	W 1/4	
Operator			Well Status			Latitude		Longitude	Prop Num
C. W. Colgrove			Plugged			36.82822418		-120.52864075	
Other 1		Other 2		Other 3			Other 4		
Last Updated		Prepared By				Updated By			
07/24/2024 11:42 AM		1258				1258			
Additional Information									

#### Hole Summary

Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo
10/15/1949	18.625	11	593	pg. 4
10/19/1949	11.875	593	2,167	pg. 4
10/22/1949	11.750	2,167	5,500	pg. 4-5
10/30/1949	11.000	5,500	6,400	pg. 5-6

#### Tubular Summary

Date	Description	No. Jts	OD (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo	RL
10/18/1949	Surface Casing		12.750	42.00			16	593	pg. 4 Cut casing 5' below ground level and weld steel plate on top	C

#### Casing Cement Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Shoe Jt Len. (ft)	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL
	10/18/1949	650			0	12.750	16	593	650 sacks of construction type cement, last 200 sacks treated with 2% Calcium Chloride	pg. 4, yield N.R. Cut casing 5' below ground level and weld steel plate on top	C

#### Tools/Problems Summary

Date	Tool Type	OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL
	Fill	18.625	0.000	11	16	Backfill & restore location		C
	Steel Plate	12.750	0.000	16	0	Cut casing 5' below ground level and weld steel plate on top		C
	Mud	12.625	0.000	41	593	Abandonment mud		C
	Mud	11.875	0.000	593	2,167	Abandonment mud		C
	Mud	11.750	0.000	2,167	2,670	Abandonment mud		C
	Mud	11.750	0.000	2,895	3,336	Abandonment mud		C
	Mud	11.750	0.000	3,461	4,494	Abandonment mud		C
	Mud	11.000	0.000	5,716	6,400	Abandonment mud		C

#### Cement Plug Summary

C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	OD (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL
		195	1.14210	21.75	12.625	16	41	25' surface plug, Class G cement	Plug 4	C
		1485	1.14459	169.4001	11.750	2,670	2,895	225' Base of USDW, Class G cement	Plug 3	C
		821	1.14756	94.11	11.750	3,336	3,461	125' Dissipation Zone, Class G cement	Plug 2	C
		8014	1.14856	919.9998	11.750	4,494	5,716	25' below to 100' above the Domengine, Class G cement	Plug 1	C

#### Formation Top Summary

Formation Name	Top(TVD ft)	Memo

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Formation Name	Top(TVD ft)	Memo
Base USDW	2,870	BASE_USDW_SSTVD_GRASSLANDS, 04019060000000
Zilch	3,436	11_6_Zilch_final, 04019060000000
Kreyenhagen	4,043	11_6_Kreyenhagen_final, 04019060000000
Domengine	4,594	11_6_Domengine_final, 04019060000000
Hall	5,691	11_16_Hall_not_modelled, 04019060000000
Garzas	5,894	11_6_Garzas_final, 04019060000000