## **APPENDIX C – Plugging and Abandonment Plan**

# FLORENCE COPPER, INC. UIC PERMIT APPLICATION FLORENCE COPPER PROJECT – PRODUCTION TEST FACILITY

ATTACHMENT Q - PLUGGING AND ABANDONMENT PLAN

# UIC PERMIT APPLICATION FLORENCE COPPER PROJECT – PRODUCTION TEST FACILITY ATTACHMENT Q – PLUGGING AND ABANDONMENT PLAN

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#### Q.1 Introduction

This Attachment has been prepared in support of an application (Application) by Florence Copper, Inc. (Florence Copper) to the United States Environmental Protection Agency (USEPA) for issuance of an Underground Injection Control Class III (Area) Permit (UIC Permit) for the planned Production Test Facility (PTF), to be located at the Florence Copper Project (FCP) in Pinal County, Arizona. Florence Copper is submitting this Application so that it may proceed with the development of the PTF to demonstrate the feasibility of a future full scale in-situ copper recovery (ISCR) facility. As required for Attachment Q under USEPA Form 7520-6, this Attachment describes the plan for plugging and abandonment of the proposed Class III wells, and the proposed corrective action for existing and planned Class III wells on the FCP site. This Attachment also describes the corrective action Florence Copper will undertake to plug and abandon non-Class III wells and core holes as identified in Attachment C of this Application.

This plugging and abandonment plan is consistent with the Closure and Post-Closure Plan included in Florence Copper's related Aquifer Protection Permit (APP) No. 106360 issued by the Arizona Department of Environmental Quality (ADEQ) for PTF operations at the FCP. For the reviewers' convenience, a copy of Temporary APP No. 106360 is provided as Exhibit Q-1 to this Attachment. The current closure and post-closure requirements are described in Sections 2.9 and 2.10 of Temporary APP No. 106360.

The closure and post-closure language included in Temporary APP No. 106360 conforms with and governs all proposed closure and post-closure plans previously submitted to ADEQ in conjunction with the application for Temporary APP No. 106360. A closure and post-closure plan is included as Exhibit Q-2 to this Attachment.

#### Q.1.1 Applicability

This plugging and abandonment plan is applicable to both proposed Class III wells, and all other Class III and non-Class III wells and core holes, within the PTF area and the associated Area of Review (AOR) located at the FCP site, 1575 West Hunt Highway, Florence, Arizona 85132. This plan applies to all the wells and core holes because the proposed corrective action for all wells and core holes within the AOR is to plug and abandon them using the same standards as will be applied to abandonment of Class III wells. The AOR is defined in Attachment A of this Application as a 500-foot zone around the permitted PTF area.

This plan also applies to existing Class III wells outside of the PTF AOR that were constructed by BHP in accordance with UIC Permit No. AZ396000001. The BHP Class III wells may be plugged and abandoned following completion of PTF operations if Florence Copper chooses not to proceed with commercial scale operation on the property. If Florence Copper chooses to proceed with commercial scale operations on the FCP property, they may incorporate the existing BHP Class III wells into future phases of FCP operations.

This plan has been designed to ensure that all existing and future wells and core holes located within the AOR (a 500-foot area circumscribing the proposed PTF well field) will be plugged and abandoned (1) in a manner that will prevent or stop the flow of injected solutions into or out of a underground source of drinking water (USDW) through a penetrating core hole or well and (2) in accordance with applicable permits and regulations administered by the USEPA, the ADEQ, and Arizona Department of Water Resources (ADWR).

Plugging and abandonment of existing non-Class III wells and core holes within the AOR will occur prior to commencement of injection at the PTF. Plugging and abandonment of Class III wells will occur during closure, or whenever an individual Class III well is retired because of irreparable non-compliance with mechanical integrity test requirements.

All abandonment notifications, approvals, procedures, documentation, and reporting required under this plan, and Exhibit Q-2 of this plan, apply to all Class III wells constructed within the PTF AOR and Class III wells constructed by BHP within the AOR established by UIC Permit No. AZ396000001.

#### Q.1.2 Objectives

The objectives of the plugging and abandonment plan are to ensure that wells and core holes will be plugged and sealed in a manner that will prevent the migration of injected fluids into or between USDWs, and to ensure compliance with the applicable requirements of the ADWR (Arizona Administrative Code [A.A.C.] R12-15-816 [Abandonment], Arizona Revised Statutes [A.R.S.] § 45-402 et seq., and ADWR Well Abandonment Handbook) and the USEPA (40 Code of Federal Regulations [CFR] 146.10 [Plugging and Abandoning Class I-V Wells]).

#### Q.1.3 Hydrogeologic Setting

The saturated geologic formations underlying the FCP site have been divided into three distinct water-bearing hydrostratigraphic units referred to as the Upper Basin Fill Unit (UBFU), Lower Basin Fill Unit (LBFU), and the Bedrock Oxide Zone. The UBFU and LBFU are separated by a thin, regionally extensive aquitard referred to as the Middle Fine-Grained Unit (MFGU). The injection and recovery wells will be completed in the Bedrock Oxide Zone, the uppermost zone of the bedrock complex underlying the FCP site.

#### Q.1.4 Overview of <u>PTF</u> Operation

The PTF area will be prepared for operations through a three-step process that includes: (a) the abandonment of core holes and existing wells (except Class III wells and monitoring wells) within the PTF and within 500 feet of the PTF well field; (b) the installation of injection, recovery, and observation wells as required; and (c) the installation of ancillary facilities such as pipelines, tanks, roads, and power lines.

PTF operations will consist of the injection of a dilute sulfuric-acid solution (lixiviant) into a pre-defined interval of the oxide zone to dissolve copper and to recover the resulting copper-bearing solution. If necessary, the recovered solution may be re-acidified and re-injected to enrich the copper concentration in solution until the copper concentration is sufficient to support solvent extraction/electrowinning (SX/EW) operations. When the copper concentration meets a desired grade, the recovered solution (pregnant leach solution [PLS]) will be conveyed via an above-ground pipeline to the SX/EW plant for processing.

Once copper concentrations in recovered solutions decline to a level indicating depletion of the ore, closure will begin by replacing the volume of lixiviant injected into the oxide zone with fresh groundwater. Closure will continue with the injection of fresh groundwater. Depending on copper content, solutions produced during closure operations will be withdrawn through the recovery wells and conveyed to the SX/EW plant for processing, or re-injected into the unit from which it was produced, or conveyed via a neutralization circuit to the proposed water impoundment.

Flushing of the oxide zone will be discontinued and the PTF will be provisionally considered to be closed once constituent concentrations in the groundwater in the flushed zone meet the closure criteria specified in the UIC Permit and the related APP. Not more than two years following the provisional closure of the PTF, all wells within the PTF will be abandoned in accordance with the procedures outlined in this plan.

At the conclusion of PTF operations, proposed Class III wells within the AOR will remain open for use in monitoring groundwater conditions until ADEQ and USEPA give approval to plug and abandon the wells. Section 2.9.2 of APP No. 106360 requires that the PTF wells remain open to facilitate sampling at one month, sixth months, and one year following the conclusion of formation rinsing, and further requires that written authorization be obtained from both ADEQ and USEPA prior to plugging and abandonment of the PTF wells. ADEQ and USEPA may choose to require additional monitoring after the one year samples have been collected. In any event, PTF Class III wells will not be plugged and abandoned until written authorization to do so has been received from both ADEQ and USEPA.

Post-closure monitoring at the POC wells and supplemental monitoring wells will continue for a period of at least five years following the completion of formation rinsing. The supplemental monitoring wells will remain open for at least five years following the cessation of rinsing, and until receipt of written authorization from both ADEQ and USEPA.

#### Q.2 Licenses, Notifications and Approvals

#### Q.2.1 Licensed Drillers

Abandonment procedures are described in Section Q.3 and will only be performed by well drillers licensed by the ADWR pursuant to A.R.S. § 45-595(B), or under the direction of such licensed well drillers.

#### Q.2.2 Abandonment Notification and Authorization

Florence Copper will convey notice of intent to abandon a well or core hole to ADWR using Form 55-38 (*Notice of Intent to Abandon a Well*) approximately 30 days prior to the planned commencement of abandonment activities for a well or core hole. Form 55-38 will include information describing the location, type, and construction of the well or core hole, and the proposed plugging or abandonment method.

In addition, Florence Copper will convey notice of proposed abandonment of Class III and Non-Class III wells and all core holes to USEPA on Form 7520-14 (*Plugging and Abandonment Plan*) approximately 60 days prior to the planned abandonment. The form will include descriptions of the proposed abandonment materials and methods to be employed during abandonment. Copies of Forms 55-38 and 7520-14 will be submitted to ADEQ as they are submitted respectively to ADWR and USEPA.

Once ADWR has approved the abandonment method and materials identified on ADWR Form 55-38, ADWR will issue authorization to the driller to commence with the proposed abandonment. Authorization from ADWR will be in the form of a "well abandonment card" issued to the licensed driller. No well or core hole will be abandoned on the FCP site unless the driller has received a well abandonment card, issued by the Director of the ADWR, authorizing the abandonment of the specific well or core hole.

#### Q.3 Well and Core Hole Abandonment Procedures

The standard abandonment procedure will be to completely fill the well or core hole with an appropriate sealing material, with some variation depending on the type, condition, and total depth of the well or core hole. The condition and depth of each well or core hole will vary. Abandonment will be considered complete when all applicable sealing steps set forth in Section Q.3.3 below have been completed or have been found unnecessary.

#### Q.3.1 Well or Core Hole Preparation

The following tasks will be performed to prepare each well or core hole for effective sealing.

- a. <u>Locate and Inspect Well or Core Hole:</u> The well or core hole will be located using available survey coordinates. The condition and location of the well or core hole will be recorded. If the well or core hole is not visible from the surface, the area will be excavated to locate the collar of the core hole or expose the surface casing of the well.
- b. Move in Workover Rig: A workover rig, capable of performing the required abandonment operations at the required depths will be moved in and set up over the well or core hole.
- c. <u>Equipment Removal</u>: All pumps, tubing, wiring, and ancillary equipment within the well will be removed prior to abandonment of the well. Core holes do not have such equipment.
- d. <u>Perforations:</u> If records demonstrate that a well annulus is inadequately sealed and its casing is not removed, the casing will be perforated to allow installation of cement grout in the annulus. If necessary and the casing extends that distance, perforations will extend from at least 20 feet below the bedrock-LBFU contact to at least 20 feet above the contact; from at least 20 feet below the base of the MFGU to at least 20 feet above the top of the MFGU, and from 25 feet below ground surface (bgs) to 5 feet bgs.

- e. <u>Cleaning</u>: Wells and core holes will be cleaned out if necessary to a depth of at least 100 feet below the bedrock-LBFU contact to enable proper placement of cement seals. This will be accomplished by installing a workstring of tubing and circulating fluids, or drilling, or performing other remedial work as required to clean the well or core hole to the required depth.
- f. Equalization of Wellbore Fluids: After cleaning the well or core hole, wellbore fluids (bentonite mud) may be circulated and treated as necessary to achieve equilibrium and stabilize the hole.

#### Q.3.2 Equipment and Materials

The following material and equipment will be used in sealing wells and core holes according to the procedure described in Section Q.3.3 if required to make proper seals.

- a. <u>Cement Grout</u>: All cement grout will consist of Type V cement, or approved equivalent.
- b. <u>Mechanical Plugs</u>: A mechanical bridge plug will be set at the base of the interval to be cemented off if it is not at the bottom of the well or core hole. This will prevent migration of the cement plug below the interval to be cemented and sealed.
- c. <u>Cement Plugs:</u> Cement plugs will consist of Type V cement grout or approved equivalent.
- d. <u>Cement Retainer</u>: If cement grout is to be installed in the annulus behind perforated casing, a cement retainer will be set above the top perforation prior to pumping cement grout into the perforated interval that has been isolated by the cement retainer.
- e. <u>Workstring</u>: A workstring of small diameter pipe or tubing will be used for the placement of cement grout and plugs.

#### Q.3.3 General Procedure for Sealing Wells and Core Holes

The following procedure will be used to seal each well or core hole:

- a. If the surface casing is loose at ground surface, an attempt will be made to remove it. If removal of the casing is not feasible, it will be left in the hole and perforated as needed to allow an annular seal to be placed to a depth of 25 feet bgs. In areas of agricultural use, the surface casing will be cut at least 5 feet bgs and removed.
- b. A tremie pipe will be used to place Type V cement in the open well or core hole from the bottom of the hole to the top of the hole. Cement retainers, as described above, will be used to force cement grout into the annulus behind perforated intervals, as necessary.
- c. If the hole has been obstructed, cement will be placed as much as possible from at least 100 feet below the LBFU-bedrock contact to the top of the hole.
- d. The volume of Type V cement will be recorded, and will not be less than the estimated volume of material required to fill each interval.

#### Q.3.4 Procedures for Special Circumstances

The following procedures will be completed for special circumstances, as indicated.

- a. <u>Seal of Perched Aquifer</u>: If cascading water is encountered during preparation for abandonment, the well casing in the target area will be cleaned or perforated, isolated with cement plugs, and Type V cement will be used to seal the annulus around the perched layer. Cement seals will be emplaced in four steps as follows:
  - 1. In the area of the observed cascading water, existing casing perforations in the well will be cleaned to the point that they are open and will readily allow neat cement to pass, or new perforations will be cut that will allow neat cement to pass.

- 2. The well casing will be filled with Type V cement to a point at least 20 feet below the cascading zone, and will be allowed to cure for a minimum of 12 hours.
- 3. A packer will be emplaced above the cascading zone.
- 4. Type V neat cement will be injected under pressure into the cascading zone until a volume of cement has been pumped that is equal to or greater than the combined volume of the well bore and the annular space within the isolated zone.
- b. <u>Injection Wells</u>: Injection wells plugged and abandoned in accordance with the procedures specified above will be deemed to have been plugged and abandoned in accordance with the provisions of 40 CFR 146.10. Therefore, Florence Copper will comply with the procedures specified above to ensure that any deviation from the above procedures will not violate the provisions of 40 CFR 146.10.

#### Q.4 Documentation and Reporting

Following completion of plugging and abandonment, reports will be recorded and filed, as described below.

#### Q.4.1 Reporting Responsibilities

The licensed driller or supervised designate will maintain a log of all abandonment activities. The log will be of sufficient detail that the driller will be able to complete all ADWR requirements and all abandonment reports to USEPA. The driller will sign all ADWR abandonment forms. The authorized Florence Copper representative will sign all narrative abandonment reports submitted to the ADWR and all abandonment reports to USEPA.

#### Q.4.2 Reports to ADWR

The licensed driller will complete and sign a Well Abandonment Completion Report (ADWR Form 55-58) and submit it to ADWR within 30 days following abandonment of any well (including Class III wells) or core hole. Form 55-58 will update the information provided on ADWR Form 55-38 (Notice of Intent to Abandon a Well) including updated information on the treatment, materials, and methods used for abandoning the well or core hole. Florence Copper will complete and sign a Well Owner's Notification of Abandonment (ADWR Form 55-36) and submit it to ADWR within 30 days following abandonment.

#### Q.4.3 Reports to USEPA

Within 60 days after plugging and abandoning a well or core hole or at the time of the next quarterly report due to the USEPA (whichever is less), Florence Copper shall submit a report to the Regional Administrator of USEPA. If the quarterly report is due less than 15 days before plugging and abandonment is completed, then the report will be submitted within 60 days. The report will be certified as accurate by the licensed driller who performed the plugging and abandonment procedures.

The report will consist of either:

- A statement that the well or core hole was plugged and abandoned in accordance with the plan
  previously submitted to the Regional Administrator; or
- An updated version of the plan on Form 7520-14, specifying differences if the actual plugging or abandonment differed from the plan previously submitted.

The report will also include a summary of non-class III wells and core holes abandoned, and will include copies of all forms (Forms 55-38, 55-58, and 55-36) submitted to ADWR.

Completed copies of Form 7520-14, and schematic diagrams of wells and core holes within the AOR, are provided as Exhibit Q-3 to this Attachment.

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#### Q.4.4 Reports to ADEQ

Florence Copper will include in its quarterly APP monitoring report to ADEQ a summary noting the identification number of each well or core hole for which abandonment was completed during the reporting period, the date that the abandonment was completed, and the location of the well or core hole.

Florence Copper will also submit to ADEQ a copy of the plugging and abandonment report developed for submittal to USEPA in accordance with Section Q.4.3.

#### Q.4.5 Maintenance of Records

Copies of all completed and required abandonment report forms, plans and narratives required by ADWR or USEPA will be maintained at the FCP site for inspection until closure is completed. After commencement of post-closure, the records will be stored by Florence Copper, subject to review by USEPA and ADEQ, until post-closure is completed.

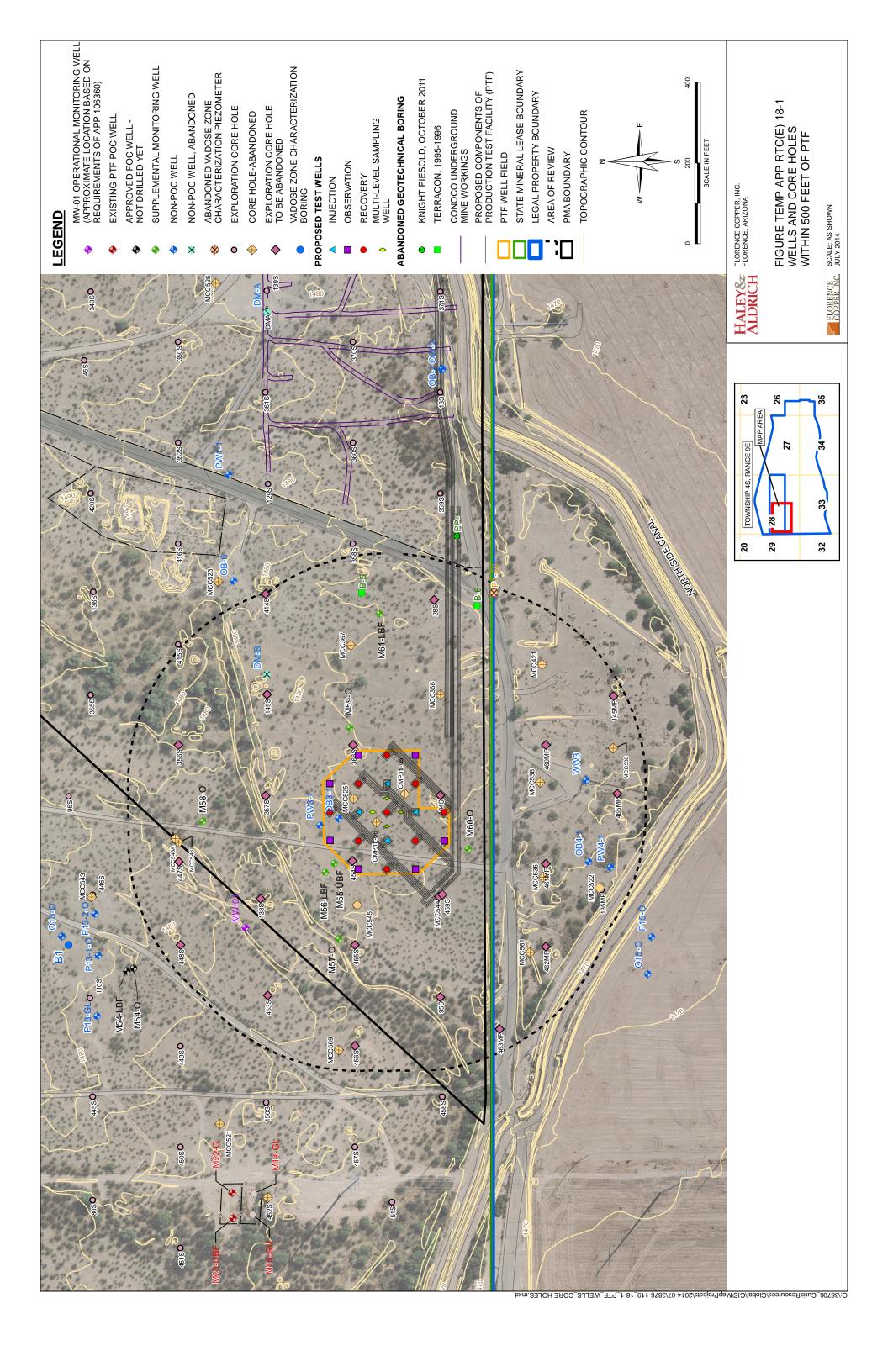


Table C-1. Wells and Core Holes within 500 Feet of the PTF Well Field

Diameter of Surface Diameter of	_	-	-				_		MACI	Well Abaliuolillelit Details	IIIS			
	of ing	Depth of Diameter of Surface Intermediate Casing (Reet) (Inches)	of Diameter of late Intermediate Borehole Casing (Inches)	Depth of Intermediate g Borehole (Feet)	Depth of Intermediate Di Borehole Ir Casing (Feet)	Diameter of Inner Pipe Cerr (Inches)	Cement Seal [	Diameter of Core Hole	Abandonment E Material (	Bottom Depth Upper Depth (Feet)	Approximate Volume (Gallons)	Drilller's Log Available	Geologic Log Available	Comments
6.25 5.5	5.5	45 5	3	290	290	-	0-560	NX (2.97")				Yes	Yes	
	5.5		e (	376	376		0-376	NR				Yes	Yes	
	o ۱		χ, (	400	400		0-400	NX (2.97")				Yes	Yes	
6.25 5 NP NP	ΩN Ω	40 5 NP 574*	£ 8	109 NP	109 NP		109-0 NP	NX (2.97")				Yes	Yes	
	אא		AN AN	MR 473	N N		NN NR	NX (2.97.) NX (2.07")		<u> </u>		ON V	Yes	
	5.6		ž Z	455	Z Z		NR NR	NX (2.97")				Yes	Yes	
	5.6		N.	425	NR		NR	NR				Yes	Yes	
	5.6		3	380	380		0-380	NX (2.97")				Yes	Yes	
	NA		3	280	280		0-280	NX (2.97")				Yes	Yes	
	5.6	40 5	XX (	593	NR ZE	**	NR					Yes	Yes	
6.75 NR	NK S	40 5	χ, (	750	05/		0-750					Yes	Yes	
	NK 5,6		~ &	8/0	8/0 NR		0-8/0 NR	.				Yes	Yes	
	5.6		~	553	N N	۸*	NB					SS- X	Se. V	
	NS: S		n m	825	825		0-825					Yes	Yes	
6.5 NR	NR		¥	483	NR		NR					Yes	Yes	
	9		3	474	474		NR.					Yes	Yes	
7.875 6	9	55 5	3	385	385		NR					Yes	Yes	
7 875	9	74	**	494	501*		NB NB					λγ	Yes	Records indicate depth of 494,
	9		3	720	720		NR					Yes	Yes	
_	NR		NR	NR	NR		NR					No	No	
		- 5.5*	NR	290	NR	4*	NR	NR				Yes	Yes	
NR .		- NR	NR	260	NR			NX (2.97")				Yes	Yes	
NR NR		NR NR	4*	380	380			HX (3.88")	$\vdash$			No	Yes	
7	7		5.5	427	427		NA	PQ(4.38")	Type V Cement 46	467/1200 0	1175	Yes	Yes	
7	7	20 6.75		429	429			PO(4.38")	Type V Cement	335 0	265	Yes	Yes	Rod stuck, blasted and pulled as much as possible prior to grouting
	5.6	45 5	NR	355	355		NR	NX (2.97")			NR	Yes	Yes	-
6.5 5.6	5.6	55 5	NR	390	390		NR	NX (2.97")		1044 0	800	Yes	Yes	
			3	360	353	,		NX (2.97")			750	Yes	Yes	
				NY.	Pulled			NX (2.97")			06/	ON :	Yes	
				430	Pulled		NR	NX (2.97")			750	oN :	Yes	
		NR 3.5*	NR	360	220-360		NR	NX (2.97")			920	<b>9</b>	Yes	
NR		NR 3.5*		380	Pulled		NR	NX (2.97")			920	No	Yes	
				359	Pulled			NX (2.97")			650	No.	Yes	
NR NR		NR 4.5*		363	Pulled		NR	NX (2.97")	Type V Cement	1370 0	700	No	Yes	
NR NR				397	Pulled		NR	NX (2.97")	Type V Cement	620 0	450	No	Yes	Obstruction at 620' during abandonment.
				066	Pulled		NR	NX (2.97")		437 0	1100	No	Yes	
NR		NR 3.5*	NR.	450	50-450			NX (2.97")		1480 0	800	No	No	
NR NR			  -	800	Pulled			NX (2.97")			1050	No	No	
								,			NR	No	Yes	
											NR	No	Yes	

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Table C-1. Wells and Core Holes within 500 Feet of the PTF Well Field

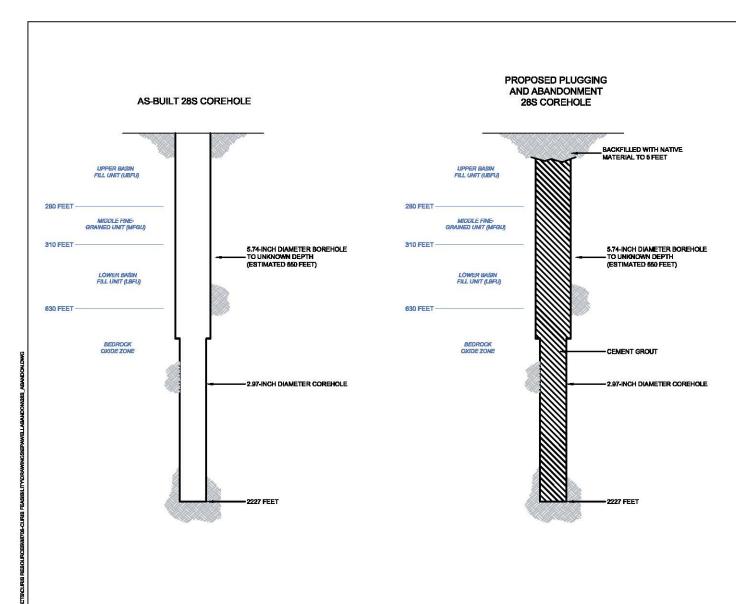
		General Information	ion							ŭ	Construction Details	ils						Well Aba	Well Abandonment Details	ils				
ocation Name ADWR Number	nber Type	Status	Easting	Northing	Surface Elevation (Feet)	Total Depth (Feet)	Diameter of Surface Borehole (Inches)	Diameter of Surface Casing (Inches)	Depth of Surface Casing Di (Feet) Ca	Diameter of Well Casing (Inches)	Diameter of Well Borehole (Inches)	Depth of Borehole (Feet)	Depth of Well S (Feet) Inte	Screened Cer Interval (Feet)	Bentonite Sand ment Seal Grout Seal Filter Pack (Feet) (Feet)	Bentonite Sand Grout Seal Filter Pa (Feet) (Feet)	Cement Seal Grout Seal Filter Pack Abandonment (Feet) (Feet) Material	Bottor Deptl (Feet	n Upper Depi (Feet)	Approximate Geologic Volume Diller's Log Log (Feet) (Gallons) Available Available	e Driller's Loo Available	Geologic Driller's Log Log Available Available	Comments	
WELLS																								
OB3-1 55-542056	i6 Monitoring Well	Existing	847679.2174	847679.2174 746250.8381	1475.78	800	NR	12	20	4	NR	008	800	500-780	0-20	20-500 500-800	800				No	No		
OB4-1 55-542055	5 Monitoring Well	Existing	847572.0773	745631.1264	1471.78	800	NR	12	20	4	NR	800	800	440-780	0-20	20-440 440-800	800				No	No		
PW3-1 55-542056	i6 Test Well	Existing	847662.6065	746297.518	1475.50	800	NR	12	20	9	NR	800	800	500-780	0-20	20-500 500-800	800				No	No		
PW4-1 55-542055	5 Test Well	Existing	847558.7182	745577.6161	1471.80	800	NR	12	20	9	NR	800	800	440-780	0-20	20-440 440-800	800				No	No		
WW3 55-627608	8 Irrigation Well	Existing	847774.1494	745638.1085	1470.00	938	NR	24	81	18	18, 14	938	496, 933	240-933	NR	- NR	3				Yes	No		
DM-B 55-806521	Non-POC Well	Abandoned		848035.958 746428.5319	1477.30	700	NR	NR	NR	None Found	22	700	617	NR	NR	- NR	R Unknown		Unknown	Unknown	No	No		

<sup>\* =</sup> Values Observed in the Field
\*\* = Value from SRK Geologic Model
NR = Not Recorded
NA = Not Available

#### Exhibit Q-3

**EPA Forms 7520-14, Plugging and Abandonment Plans** for Existing Wells and Core Holes

<b>⊕</b> E	PA		PLU		W	Environment ashington, D D ABAI	C 20460	n Agency MENT PL	.AN			
Name ar	nd Address of F	acility			24. 2.3%	Na	me and Add	dress of Owne	er/Operator			
	ce Copper Pro W Hunt Hwy,		ona 85132					rces (Arizon nt Hwy, Flor		na 85132		
200	cate Well and C		\$0 4-		State Arizona			County Pinal		£1000000000000000000000000000000000000	Number 6000001	
Sec	ction Plat - 640 /	Acres				ocation Des				1 1 1 1 1 1		
_		N			-			SW 1/4 of	Section 28	Township	4S Pange	9E
w	+				Surface Location and 950 Indi  Are	1200 ft. frm ft. from (E/V TYPE OF Al vidual Perm a Permit	(N/S) N L V) E Line JTHORIZATI	m nearest lin Line of quarte of quarter se	CLAS	WELL :	ACTIVITY	
-	+			- 1	Numbe	r of Wells 1	_			lydrocarbon	Storage	
	111	نــنــاـــ							V CLA	SS III		
		s			Lease Na	me NA			Well Num	ber 28S		
	CA	SING AND TUE	BING RECORD	AFTER F	LUGGIN	3		METH	IOD OF EMPL		F CEMENT P	LUGS
SIZE	WT (LB/FT)	TO BE PUT II	N WELL (FT)	TO BE L	EFT IN W	ELL (FT)	HOLE SIZE	- Z	. Dalamas Ma	all and		
N/A	N/A	NA		NA	1 111 11		N/A	T = 10	e Balance Me e Dump Baile	000 000 00		
		1.11.2							e Two-Plug N			
									her	iotilou		
									7057			
	CEMENTING	TO PLUG AND	ABANDON DA	ATA:		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of h	tole or Pipe in	which Plug Wi	II Be Placed (	inche		2.97	5.74					
	Bottom of Tub					NA	NA					
	Cement To Be		1g)			59.2	90.4	-				
	olume To Be Pu ed Top of Plug					75.9	115.9	#				
	d Top of Plug (i					650-EST 650-EST	5					
	t. (Lb./Gal.)	tugged (t.)				15.6	15.6	+			<del> </del>	
	ment or Other N	laterial (Class	III)			tion to the same of the same o	V	1				
		T ALL OPEN H		PERFORA	TED INTE		-	S WHERE CAS	ING WILL BE	VARIED (if a		
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att inf	ertify under the tachments and formation is tru ssibliity of fine	that, based on e, accurate, ar	my inquiry o	f those in I am awa	examine dividuals re that th	immediately	niliar with to	le for obtaini	ng the inform	ation, I belie	eve that the	
Name an	d Official Title	(Please type o	r print)	-	Sign	nature	\		1		Date Signed	
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HALEY& ALDRICH

CURIS RESOURCES (ARIZONA) INC. FLORENCE, ARIZONA

28S COREHOLE DIAGRAM

HDICURIS SCALE: NOT TO SCALE AUGUST 2012

θE	PA		PLU		Wa	shington,	ntal Protection DC 20460 ANDONM		AN			
Name a	nd Address of F	acility					Name and Add	ress of Owne	r/Operator			
	ice Copper Pro W Hunt Hwy, Ì		zona 85132				Curis Resour 1575 W Hun			na 85132		
	cate Well and C		1		State Arizona		1 120	ounty 'inal		TO STATE OF THE PARTY OF THE PA	Number 6000001	
		N			Surface L	ocation D	escription					
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	++- ++-	- - + - - - + - - - + -	     		Surface Location	170 ft. fr	directions from (N/S) $N$ Li	ne of quarter	section	section and	drilling unit	
w			E		Area	vidual Per a Permit e		N.	□ E	SS I SS II Brine Dispos Inhanced Re Iydrocarbon	covery	
		S			Lease Na	me NA			Well Num	ber 53S		
	CA	SING AND TU	BING RECORE	AFTER	PLUGGING	3		METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS
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NA	NA	NA		NA			NA	The	e Dump Baile	er Method		
								The	Two-Plug M ner	lethod		
										r		1
	ENTRUM VAINA MILITA		D ABANDON DA			PLUG #	L A SEASON AND L	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #
ADDRESS SOUTH	Hole or Pipe in v		HALLING PRINCIPLES	inche:		2.97 est NA	NA					
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	olume To Be Pu					52.01	45.68					
Calculat	ed Top of Plug	(ft.)				340	5					
Measure	d Top of Plug (i	f tagged ft.)				340	5					
	/t. (Lb./Gal.)					15.6	15.6					
Гуре Се	ment or Other M	laterial (Class	III)			V	V					
	LIS	T ALL OPEN I	HOLE AND/OR	PERFOR	RATED INTE	RVALS A	ND INTERVALS	WHERE CAS	ING WILL BE	VARIED (if a		
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	d Cost to Plug	Wells										
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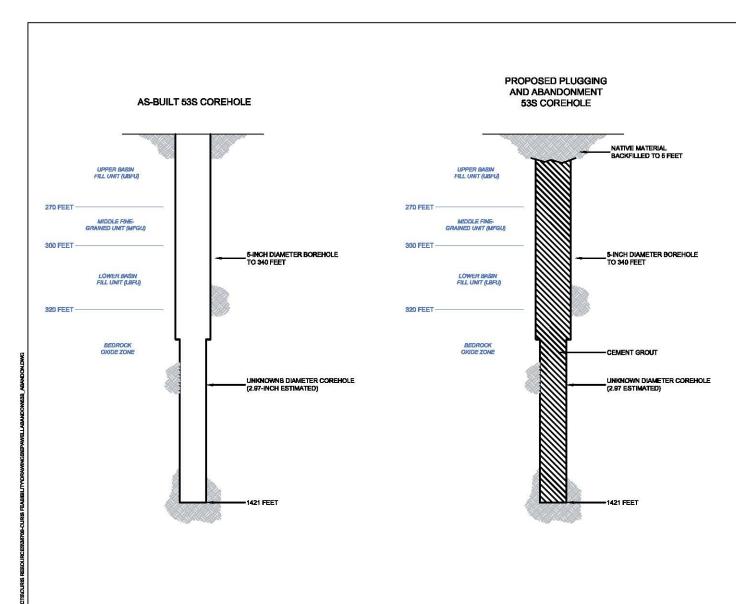
I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, 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

Dan Johnson, VP Environment and Technical Services



HALEY& ALDRICH

CURIS RESOURCES (ARIZONA) INC. FLORENCE, ARIZONA

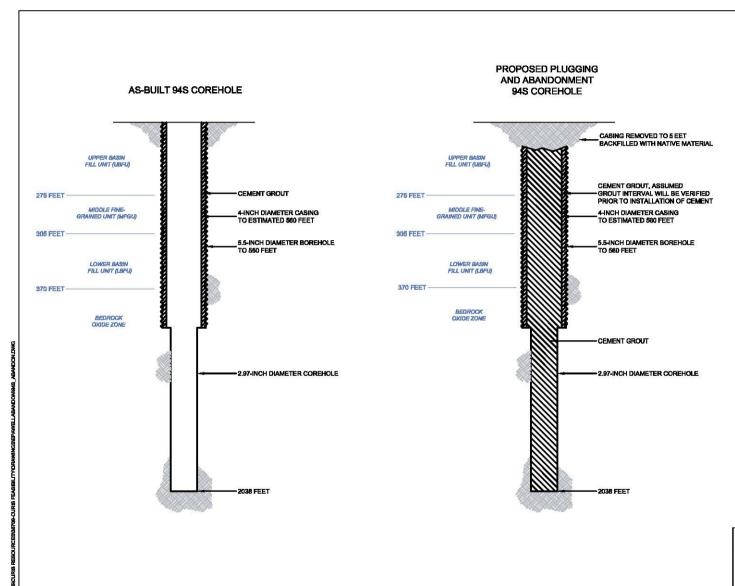
53S COREHOLE DIAGRAM



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United States Environmental Protection Agency Washington, DC 20460

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-	<del>-</del>	- <b>-</b> -	<u> -  -  </u>		Number	r of Wells	<u>.</u>			Attorney	innanced Re lydrocarbon	224	
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Size of th	CEMENTING lole or Pipe in v		O ABANDON DA	CONTRACTOR		2.97est	PLUG #	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
772270000 7007 100	Bottom of Tub	100 - 100 -		one:		NA NA	560 est						
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	t. (Lb./Gal.)					15.6	15.6						
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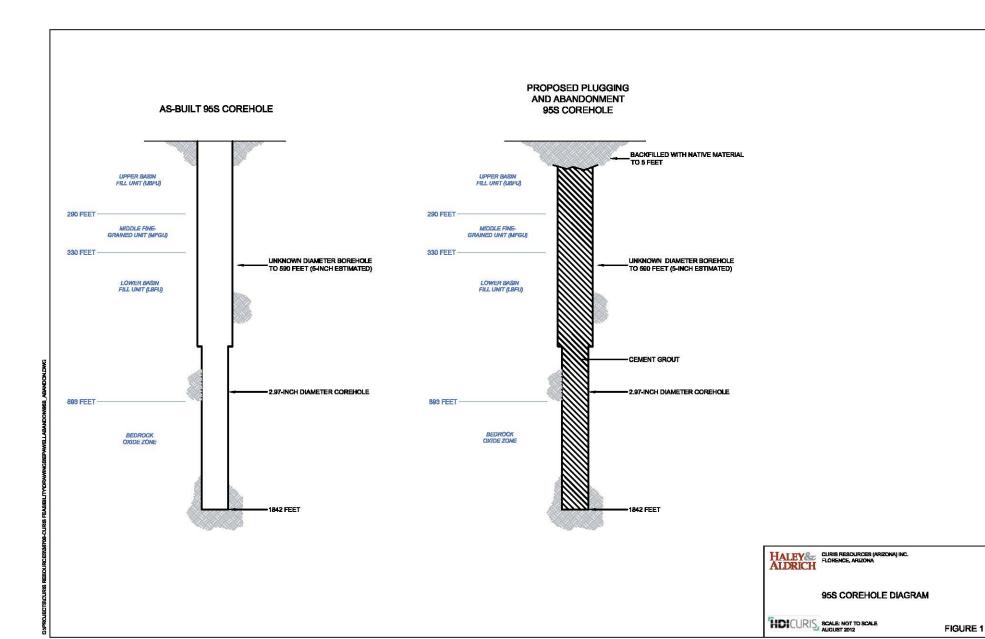


HALEY& CURIS RESOURCES (ARIZONA) INC. ALDRICH FLORENCE, ARIZONA

94S COREHOLE DIAGRAM



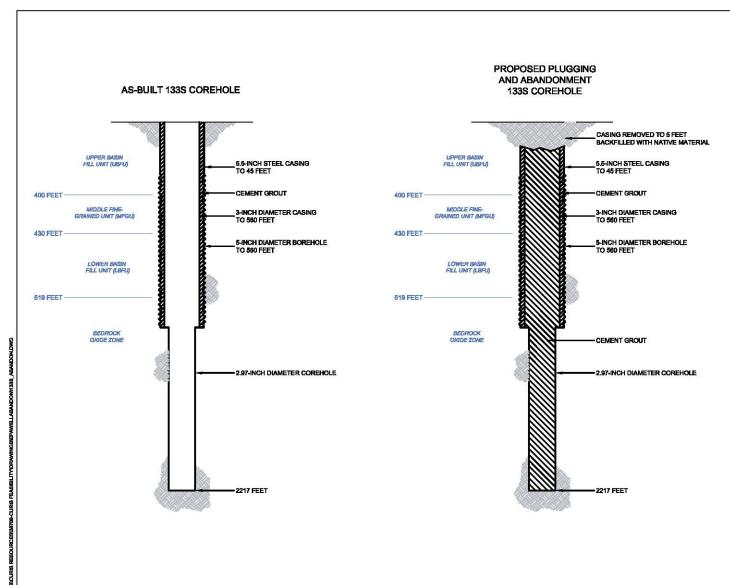
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Name ar	d Official Title	(Please type	or print)		Sign	ature					Date Signed	i
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United States Environmental Protection Agency Washington, DC 20460

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	cate Well and C		1		State Arizona	1		Pir	unty nal		protection of the contractor	Number 6000001	
		N			Surface I	ocation D	escription	-					
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	CA	SING AND TU	BING RECORE	AFTER	PLUGGING	3			METH	OD OF EMPL	ACEMENT O	F CEMENT PI	LUGS
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3	9.11-est.	0		555			5		The	Dump Baile	er Method		
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The state of the s	Bottom of Tub		THE PARTY OF THE PARTY OF	inone.		NA	560	-4					
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	olume To Be Pu					79.72	27.24						
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CURIS RESOURCES (ARIZONA) INC. FLORENCE, ARIZONA

133S COREHOLE DIAGRAM

HDICURIS SCALE: NOT TO SCALE

Florence 1575 W F	Address of Fa Copper Pro Hunt Hwy, I	ect Torence Ariz utline Unit on		S S I L	state Arizona surface L		Name and Ad Curis Resou 1575 W Hu	MENT PL dress of Owne cress (Arizona nt Hwy, Flore County	r/Operator a) Inc	na 85132		
Florence 1575 W F	Copper Pro Hunt Hwy, I e Well and O	ect Torence Ariz utline Unit on cres	ona 85132	s I L s	Arizona Jurface L	*	Curis Resou 1575 W Hu	rces (Arizon nt Hwy, Flore County	a) Inc	na 85132		
Locate Sectio	Hunt Hwy, I	lorence Ariz utline Unit on cres	ona 85132	s I L s	Arizona Jurface L	•	1575 W Hu	nt Hwy, Flore County		na 85132		
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		nped (cu. ft.)	-			82.72	18.21					
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Measured T	op of Plug (i	tagged ft.)				376	5					
Slurry Wt. (	Lb./Gal.)					15.6	15.6					
Гуре Cemer	nt or Other M	aterial (Class	11)			V	V					
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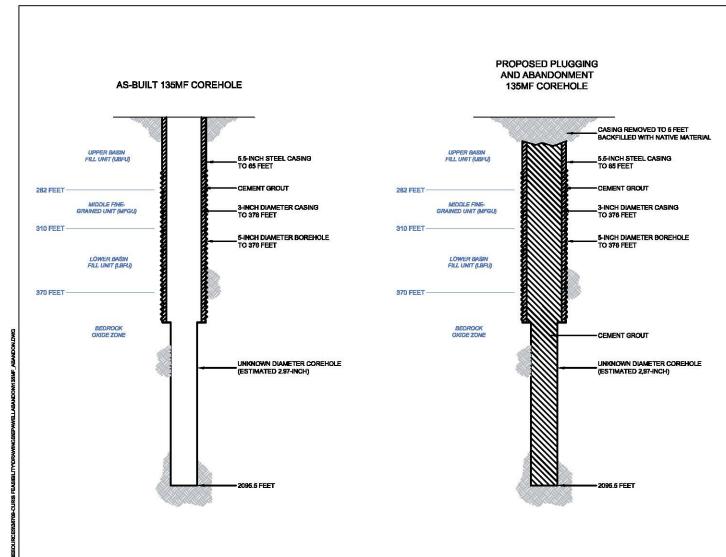
information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name	and	Official	Title	(Please type or	print)	
98.9						

Date Signed

Dan Johnson, VP Environment and Technical Services

Signature





CURIS RESOURCES (ARIZONA) INC. FLORENCE, ARIZONA

135MF COREHOLE DIAGRAM



PLUGGING AND ABANDONMENT PLAN  Name and Address of Facility Florence Opper Project 1575 W Hunt Hoy, Florence Arizona 85132  Locate Well and Gutline Unit on Saction Plat - 469 Acres  N  N  N  N  N  N  N  N  N  N  N  N  N									0	MB No. 2040	0042 Ap	proval Expire	s 11/30/2014	
Name and Address of Facility   Florence Copper Project	₽E	PA				Wa	ashingtor	n, DC	20460					
Curis Resources (Arizona) Inc   1575 W Hunt Hwy, Florence Arizona 85132				PLU	IGGII	NG AN	D AB	AN	DONM	ENT PL	AN			
1575 W Hunt Hwy, Florence Artzona 85132   1575 W Hunt Hwy, Florence, Artzona 85132	Name an	d Address of F	acility					Nam	e and Add	ess of Owne	r/Operator			
Locate Well and Outline Unit on Section Plat - 640 Acres  N  N  Surface Location Description  NE 1/4 of NW 1/4 of Section 28 Township 4S Range 9E  Locate well in two directions from nearest lines of quarter section and drilling unit surface  Location 1020 fr. fm (NS) S Line of quarter section and drilling unit surface  Location 1020 fr. fm (NS) S Line of quarter section and drilling unit surface  Location 1020 fr. fm (NS) S Line of quarter section and drilling unit surface  Location 1020 fr. fm (NS) S Line of quarter section.  WELL ACTIVITY  Acase Name  Namber of Wells 1  Individual Permit   Rule  Number of Wells 1  Individual Permit   Rule  Individual Permit				zona 85132								na 85132		
Arizona   Pinal   AZ396000001  Section Pital - 604 Acress   No   No   No   No   No   No   No	Livering C					State		Line		and Avenue		MSIII GVMSIIII	Number	
Surface Location Description  NET 14 of NW 14 of SE 14 of SW 144 of Section 28 Township 45 Range 9E  Locate well in two directions from nearest lines of quarter section and drilling unit Surface  Location 1020 n. frm (N/3) S. Line of quarter section and drilling unit Surface  Location 1020 n. frm (N/3) S. Line of quarter section.  TYPE OF AUTHORIZATION  Individual Permit    Number of Wells				n			i		1	V-1 -21 -		73 25 000 000 000 000 000		
NE. 14 of NW 14 of Section 28   Township 4S   Range 9E   Locate well in two directions from nearest lines of quarter section and drilling unit   Surface   Location 1020 fr. from (NS)   Line of quarter section   and 970 fr. from (NS)   Line of qua	Sec	tion Plat - 640 /	20			Surface L	ocation	Desc	ription	50,000,000		- M Bengenene		
Surface Location 1020 ft. frm (N/S)   Line of quarter section and 970. ft. from (R/N)   Line of quarter section.  TYPE OF AUTHORIZATION Individual Permit Rule Number of Wells   Line of quarter section.  TYPE OF AUTHORIZATION Individual Permit Rule Number of Wells   Line of quarter section.  TYPE OF AUTHORIZATION Individual Permit Rule Number of Wells   Line of quarter section.  WELL ACTIVITY Individual Permit Rule Number of Wells   Line of quarter section.  TYPE OF AUTHORIZATION Individual Permit Rule Number of Wells   Line of quarter section.  WELL ACTIVITY Individual Permit Rule Number of Wells   Line of quarter section.  WELL ACTIVITY Individual Permit Rule Number of Wells   Line of quarter section.  WELL ACTIVITY Individual Permit Rule Number of Wells   Line of quarter section.  WELL ACTIVITY Individual Permit Rule Rule Number of Wells   Line of quarter section.  WELL ACTIVITY Individual Permit Rule Number of Wells   Line of quarter section.  WELL ACTIVITY Individual Permit Rule Rule Number of Wells   Line of quarter section.  WELL ACTIVITY Individual Permit Rule Rule Number of Wells   Line of quarter section.  WELL ACTIVITY Individual Permit Rule Rule Rule Rule Rule Rule Number of Wells   Line of quarter section.  WELL ACTIVITY Individual Permit Rule Rule Rule Rule Rule Rule Rule Rule		<del></del>	N I			NE 1/4	of NW 1/	/4 of 3	SE_ 1/4 of	SW 1/4 of	Section 28	Township	4S Range	9E
Individual Permit	-	Surface Location	ocation 1020 ft, frm (N/S) S Line of quarter section and 970 ft, from (E/W) E Line of quarter section.											
Rule Number of Wells   Number of Wells	w			E		☐ Indi					☐ CLA			
Number of Wells 1   Hydrocarbon Storage	_	<del>+</del>		누구니		processor .					promote .			
Hydrocarbon Storage   CLASS III   Hydrocarbon Storage   Hydrocarbon Storag	L	<u> </u>	_L			Rul	е				□ ε	Brine Dispos	al	
S  CASING AND TUBING RECORD AFTER PLUGGING  CASING AND TUBING RECORD AFTER PLUGGING  SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN WELL (FT) HOLE SIZE  3 9.11-est. 0 395 5 5 The Balance Method The Dump Balier Method The Du				! !		Number	r of Wolle	1			E	nhanced Re	covery	
CASING AND TUBING RECORD AFTER PLUGGING	_	ナートナ				Number	or wens	-			Animalia .	- 10 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Storage	
Casing AND Tubing RECORD AFTER PLUGGING   WETHOD OF EMPLACEMENT OF CEMENT PLUGS							18100				1880 N 15125 N 150			
SIZE			S			Lease Na	me NA				Well Num	ber 145MF		
3   9.11-est.   0   395   5   The Dump Baller Method   13.70-est.   0   55   6.25   The Two-Plug Method   Other		CA	SING AND TU	BING RECOR	AFTER	PLUGGING	3			METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS
Size of Hole or Pipe in which Plug Will Be Placed (inche    2.97   3   3   3   3   4   4   4   4   4   4	SIZE	WT (LB/FT)	TO BE PUT	IN WELL (FT)	то ве	LEFT IN W	ELL (FT)	Н	OLE SIZE	✓ The	Balance Me	thod		
CEMENTING TO PLUG AND ABANDON DATA:    PLUG #1   PLUG #2   PLUG #3   PLUG #4   PLUG #5   PLUG #6   PLUG Size of Hole or Pipe in which Plug Will Be Placed (inche   2.97   3	-		100		The second second			No. of Concession,		The	e Dump Baile	er Method		
CEMENTING TO PLUG AND ABANDON DATA:    PLUG #1	5	13.70-est.	0		55			6.	25	The	Two-Plug N	lethod		
Size of Hole or Pipe in which Plug Will Be Placed (inche 2.97   3					ļ					Oth	ner			
Size of Hole or Pipe in which Plug Will Be Placed (inche 2.97   3									B1 110 110	m	T 51 11 5 11 1	1 51 110 115	D. 110 #6	T 51.110.#
Depth to Bottom of Tubing or Drill Pipe (ft NA 400   Sacks of Cement To Be Used (each plug)   66.4   15.1   Slurry Volume To Be Pumped (cu. ft.)   85.15   19.39   Slurry Volume To Be Pumped (cu. ft.)   85.15   19.39   Slurry Volume To Be Pumped (cu. ft.)   400   5   Slurry Wt. (Lb./Gal.)   15.6   15.6   Slurry Wt. (Lb./Gal.)   15.6   Slurry W	01									PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #
Sacks of Cement To Be Used (each plug)  Slurry Volume To Be Pumped (cu. ft.)  Slurry Volume To Be Pumped (cu. ft.)  Slurry Volume To Be Pumped (cu. ft.)  Slurry Wt. (Lb./Gal.)  Heasured Top of Plug (if tagged ft.)  Slurry Wt. (Lb./Gal.)  Type Cement or Other Material (Class III)  LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)  From  To  From  To  From  To  2170  400  400  15  Estimated Cost to Plug Wells  \$13,715   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					inche		1000,0000,0					-		
Slurry Volume To Be Pumped (cu. ft.)  Calculated Top of Plug (ft.)  Measured Top of Plug (if tagged ft.)  Measured Top of Plug (if tagged ft.)  Slurry Wt. (Lb./Gal.)  Type Cement or Other Material (Class III)  LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)  From  To  From  To  From  To  2170  400  400  5  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							-	-	The state of the s			-		1
Calculated Top of Plug (fft.)  Measured Top of Plug (if tagged ft.)  Measured Top of Plug (if tagged ft.)  Measured Top of Plug (if tagged ft.)  Slurry Wt. (Lb./Gal.)  Type Cement or Other Material (Class III)  LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)  From  To  From  To  2170  400  5  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							hart of the same	-	Name and Address of the Owner, when the Owner,					
Measured Top of Plug (if tagged ft.)  Slurry Wt. (Lb./Gal.)  LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)  From  To  From  To  2170  400  5  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							1100 POND							
LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)  From To From To  2170 400 400 5  Estimated Cost to Plug Wells \$13,715   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	Measure	d Top of Plug (i	f tagged ft.)				400		5					
LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)  From To From To  2170   400    400   5    Estimated Cost to Plug Wells \$13,715   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	Slurry W	t. (Lb./Gal.)					15.6							
From To From To  2170   400   400   5    Estimated Cost to Plug Wells \$13,715  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	Type Cer	ment or Other N	laterial (Class	s III)			V		V					
2170   400   5    Estimated Cost to Plug Wells \$13,715  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		LIS	T ALL OPEN	HOLE AND/OR	PERFOR	RATED INTE	ERVALS A	AND II	NTERVALS	WHERE CAS	ING WILL BE	VARIED (if a	***	
### Estimated Cost to Plug Wells  \$13,715    Certification		From			То					From			То	
Estimated Cost to Plug Wells \$13,715  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	The Party of the P		_	AND DESCRIPTION OF THE PARTY OF	_	4		_						
\$13,715  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	400			5	-		-	-					_	
\$13,715  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							-	-	-					
\$13,715  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	Estimate	d Cost to Plug	Wells	11										
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	\$13,71	5												
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							O autiei							
attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the							Certific	catio	on					
information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the														3

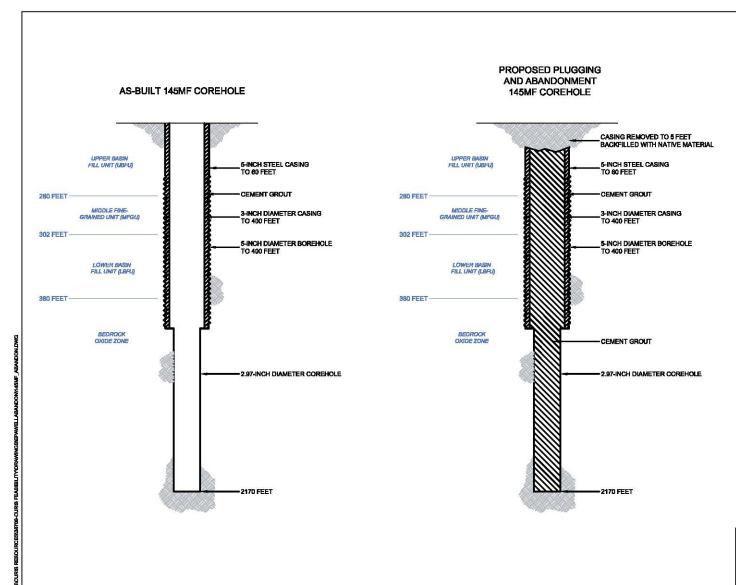
Signature

Date Signed

09/07/2012

Name and Official Title (Please type or print)

Dan Johnson, VP Environment and Technical Services





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		11010110072			State			County	inee, i ii iio		Number				
	ocate Well and o		on		Arizona	ì		Pinal		2 Company of the Comp	6000001				
30	ction Flat • 640	ties.			Surface	Location D	escription								
	1 1 1	N			NE 1/4 of SW 1/4 of NE 1/4 of SW 1/4 of Section 28 Township 4S Range 9E Locate well in two directions from nearest lines of quarter section and drilling unit Surface										
_	・ナートナ	_	<u>. Ļ Ļ _  </u>												
	7-1-7				Location	770 ft. frr	n (N/S) N I	ine of quarte	rsection						
		-F-			and 950			of quarter se	ction.						
w	<del>- i - i</del>		<del>i i</del> e		П.,		AUTHORIZATI	ON	П		ACTIVITY				
_	لـِــاـــــــــــــــــــــــــــــــــ				Constant of the Constant of th	ividual Per a Permit	mit		CLA						
	•				Rul				-	Brine Dispos	al				
					1	· pe	1		1	nhanced Re					
-					Numbe	r of Wells		Hydrocarbon Storage							
	- 1 1		<u>i i                                  </u>			100			V CLA						
		s			Lease Na	me NA			Well Num	ber 149S					
	C	SING AND T	JBING RECORE	AFTER	PLUGGIN	G		METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS			
SIZE	WT (LB/FT)	TO BE PUT	IN WELL (FT)	то ве	LEFT IN W	ELL (FT)	HOLE SIZE	☐ ☑ The	e Balance Me	thod					
3	9.11-est.	0		596					e Dump Baile	er Method					
5	13.70-est.	0		35	6.2			Th	e Two-Plug N	lethod					
				-			<del> </del>	L Ott	ner						
-	CEMENTING	TO PLUG AN	ID ABANDON DA	ATA:		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG			
Size of	Hole or Pipe in					2.97	3	1 200 #5	1 200 #4	1200 #5	1 200 #0	1200			
	o Bottom of Tul			MINITES .		NA	601								
Sacks o	f Cement To Be	Used (each p	olug)			57.8	22.8								
	olume To Be P		.)			74.16	29.26								
	ted Top of Plug					601	5			1					
	ed Top of Plug ( Vt. (Lb./Gal.)	ir tagged it.)				15.6	15.6					-			
	ment or Other I	Material (Clas	s III)			V	V								
	LIS	ST ALL OPEN	HOLE AND/OR	PERFOR	RATED INT	ERVALS AN	ID INTERVAL	S WHERE CAS	ING WILL BE	VARIED (if a	iny)	14			
	From			То				From			То				
2142.5	i .		601												
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Estimat	ed Cost to Plug	Wells													
\$13,7	ON BRIDGE BUSINESS CONTRACTOR														
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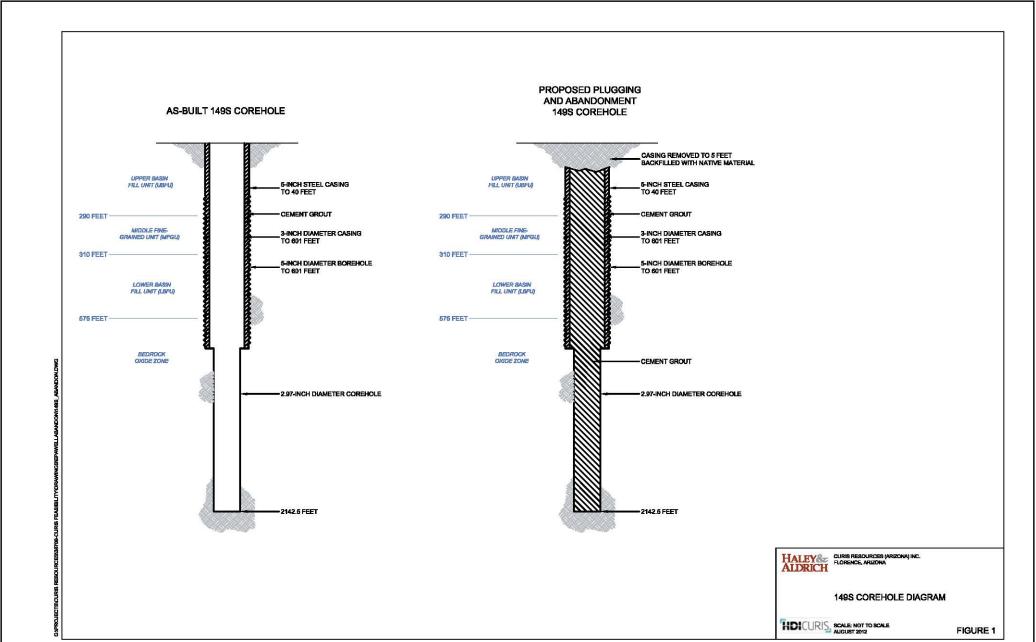
I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibliity of fine and imprisonment. (Ref. 40 CFR 144.32)

Name	and	Officia	I Title	(Please type or print)
*			*** ***	

Signature

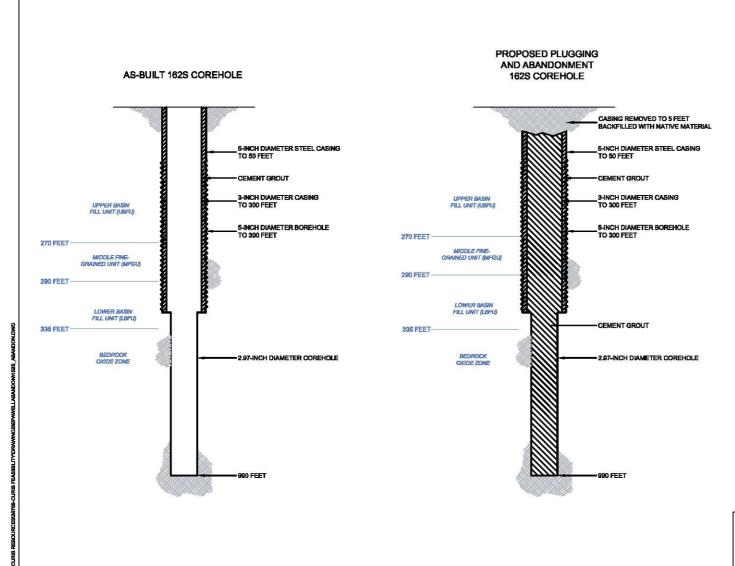
Date Signed

Dan Johnson, VP Environment and Technical Services



								OM	1B No. 2040-	-0042 Ap	proval Expire	s 11/30/2014	Ú
<b>⊕</b> E	PA		PI I		W	ashington,	ntal Protecti DC 20460			ΔN			
Nama a	nd Address of F	acility		,0011	10 /11	10/22/10	Name and A		TERMINES IN MIL	M (8190%)		-	
A BELLEVIS OF THE STATE OF	ice Copper Pro								es (Arizon				
1575	W Hunt Hwy,	Florence Ariz	zona 85132							ence, Arizoi	na 85132		
57475	cate Well and C				State Arizona	a		1,000,000,000	unty nal	*	2 Section Control (Control	Number 6000001	
			-		Surface	Location D	escription						
	1 1 1	N I			NE 1/4	of SE 1/4	of NE 1/4	of .	SE 1/4 of	Section 28	Township	4S Range	9E
w	+		E		Surface Location and 80 Ind	760 ft. from (E TYPE OF ividual Per a Permit	m (N/S) N E/W) E Li AUTHORIZA	Lin	ie of quartei f quarter se	ction.  CLA	SS I SS II Brine Dispos Enhanced Re Iydrocarbon	ACTIVITY al	
		s			Lease Na	me NA				Well Num	ber 162S		
	CA	SING AND TU	BING RECOR	AFTER	PLUGGIN	G		П	METH		ACEMENT O	F CEMENT P	LUGS
SIZE	WT (LB/FT)	TO BE PUT II	N WELL (FT)	то ве	LEFT IN W	/ELL (FT)	HOLE SIZ	ZE	✓ The	e Balance Me	Ale and		
3	9.11-EST.	0		348			5	T		e Balance Me e Dump Baile			
5	13.70-EST.	0		45						e Two-Plug N			
		(							Ott		ietilou		
										101			
	CEMENTING	TO PLUG AND	ABANDON DA	ATA:		PLUG #	1 PLUG #	12	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of	Hole or Pipe in	which Plug Wi	II Be Placed (	inche		2.97	3						
Depth to	Bottom of Tub	ing or Drill Pi	pe (ft			NA	300						
Sacks o	f Cement To Be	Used (each plu	ug)			25.9	11.3						
Slurry V	olume To Be Pu	umped (cu. ft.)				33.2	14.5						
Calcula	ed Top of Plug	(ft.)				300	5						
Measure	d Top of Plug (	if tagged ft.)				300	5						
Slurry V	Vt. (Lb./Gal.)					15.6	15.6						
Type Co	ment or Other N	Material (Class	III)			V	V						
	LIS	ST ALL OPEN H	IOLE AND/OR	PERFOR	ATED INT	ERVALS A	ND INTERVA	LS V	NHERE CAS	ING WILL BE	VARIED (if a	iny)	
	From			То				- 1	From			То	
990			300										
300			5										
\$13,7	ed Cost to Plug 15	Wells											
at	certify under the	that, based on	my inquiry o	f those i	y examine ndividuals	immediat	familiar with ely respons	ible	for obtaining	ng the inform	ation, I belie	eve that the	
	formation is tru ossibliity of fine					ere are sig	initicant per	naitie	es for subm	ntung falsé i	niormation, i	ncluaing the	E
Name a	nd Official Title	(Please type o	or print)		Sign	nature		/	7			Date Signed	

Dan Johnson, VP Environment and Technical Services



HALEY& CURIS RESOURCES (ARIZONA) NC. FLORENCE, ARIZONA 182S COREHOLE DIAGRAM HDICURIS, SCALE: NOT TO SCALE

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United States Environmental Protection Agency

<b>⊕</b> E	PA		PLU	JGGING		shington, D ABA		IMI	ENT PL	AN					
Name ar	nd Address of F	acility	180 1208.81			THE REPORTED	4.000000 n/ 4 n/4/0	VENERA	ess of Owne	0.00.4863.0.201					
Floren 1575 V	ce Copper Pro V Hunt Hwy,	oject Florence Ariz	ona 85132				Curis Res	our	ces (Arizona Hwy, Flore	a) Inc	na 85132				
	cate Well and C			1,700,000	ate Arizona			E225	ounty inal		The state of the s	Number 6000001			
				Su	ırface L	face Location Description									
Г		N I									Township				
	+		- <del> </del> -   - <del> </del> -   - <del> </del> -	Su	Locate well in two directions from nearest lines of quarter section and drilling under Surface   Location $\frac{770}{1}$ ft. frm (N/S) N Line of quarter section and $\frac{330}{1}$ ft. from (E/W) E Line of quarter section.										
l L						TYPE OF	AUTHORIZA	TIO	N	1	WELL	ACTIVITY			
w	ridual Peri	mit			CLA	SSI									
	<u> </u>			15	✓ Area	Permit				CLA	SSII				
	<del>-</del>				Rule	Ė				☐ E	Brine Dispos	al			
	1 1 1					of Wells	1			□ E	Enhanced Re	covery			
-	<del>+</del>			,	dumper	or wens					lydrocarbon	Storage			
	<u> </u>									✓ CLA	SS III				
		S		Le	ase Nan	NA ne				Well Num	ber 325S				
	CA	SING AND TUE	BING RECORI	AFTER PLU	JGGING				METH	OD OF EMPI	ACEMENT O	F CEMENT P	LUGS		
SIZE	WT (LB/FT)	TO BE PUT I	TO BE LEF	E LEFT IN WELL (FT) HOLE SIZE				✓ The Balance Method							
3	9.11-EST.	0		327.5 est		1	5		The	Dump Bail	er Method				
5.6	13.70-EST.	0		35		1	6.5-EST			Two-Plug N					
									Oth						
		L v								17.41 - 50					
	CEMENTING	TO PLUG AND	ABANDON D	ATA:		PLUG #1	PLUG #	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
Size of F	lole or Pipe in	which Plug Wi	II Be Placed (	inche:		2.97 est	3								
Depth to	Bottom of Tub	oing or Drill Pip	pe (ft			NA	332.5								
Sacks of	Cement To Be	Used (each plu	ug)			28.5	12.5								
	olume To Be Pu					36.6	16.1								
	ed Top of Plug	<del></del>				332.5	5								
	d Top of Plug (	if tagged ft.)				332.5	5								
	t. (Lb./Gal.)		U.N		-	15.6	15.6								
Type Cer	ment or Other N	Material (Class	111)			V	V								
		T ALL OPEN H	OLE AND/OR		ED INTE	RVALS AN	ID INTERVA	_		ING WILL BE	VARIED (if a				
1000	From		1000 5	То					From			То			
1093			332.5					_							
332.5			5					-							
-								_			_				
Estimate	d Cost to Plug	Wells	1					_							
\$13,71		Wells													
					C	Certifica	ition	_							
att inf	ertify under the achments and formation is tru ssibliity of fine	that, based on le, accurate, ar	my inquiry o	of those indiv I am aware	viduals that the	immediate	ely respons	sible	for obtaining	g the inforn	nation, I belie	eve that the	,		
Name an	d Official Title	(Please type o	or print)		Signa	ature		7				Date Signed			
	hnson, VP En	5.0		Services	1	Da	-6	1				09/07	-12012		
Participation of the last of t		THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW					The Parket Name of Street, or other Desires.				-				

#### PROPOSED PLUGGING AND ABANDONMENT 325S COREHOLE **AS-BUILT 325S COREHOLE** CASING REMOVED TO 5 FEET BACKFILLED WITH NATIVE MATERIAL UPPER BASIN FILL UNIT (UBFU) UPPER BASIN 5-INCH STEEL CASING 5-INCH STEEL CASING FILL UNIT (UBFU) TO 40 FEET TO 40 FEET CEMENT GROUT -CEMENT GROUT 260 FEET-260 FEET -MIDDLE FINE-MIDDLE FINE-3-INCH DIAMETER CASING 3-INCH DIAMETER CASING GRAINED UNIT (MFGU) GRAINED UNIT (MFGU) TO 332.5 FEET TO 332.5 FEET 260 FEET 280 FEET 5-INCH DIAMETER BOREHOLE TO 332.5 FEET 5-INCH DIAMETER BOREHOLE TO 332.5 FEET LOWER BASIN FILL UNIT (LBFU) LOWER BASIN FILL UNIT (LBFU) 343 FEET 343 FEET BEDROCK BEDROCK OXIDE ZONE OXIDE ZONE -CEMENT GROUT 2.97-INCH DIAMETER COREHOLE -2.97-INCH DIAMETER COREHOLE 1093 FEET 1093 FEET

HALEY& ALDRICH

CURIS RESOURCES (ARIZONA) INC. FLORENCE, ARIZONA

325S COREHOLE DIAGRAM



₽E	PLUGGING AND ABANDONMENT PLAN														
Floren	d Address of F ce Copper Pro V Hunt Hwy,	oject	zona 85132				Curis Reso	dress of Owne urces (Arizon ant Hwy, Flor	a) Inc	na 85132					
	cate Well and C		n		State County Arizona Pinal						Permit Number AZ396000001				
Sec	ction Plat - 640	Acres			Lastron and Co.		ecciption	r mai		AZ33	0000001				
		N			SW 1/4 of NE 1/4 of NE 1/4 of SE 1/4 of Section 28 Township 4S Range 9E										
	1 1 1				Locate well in two directions from nearest lines of quarter section and drilling unit										
_ _	†	 			Surface Location	560 ft. frn ft. from (E	n (N/S) N	Line of quarte e of quarter se	r section		ACTIVITY				
W						vidual Per			☐ CLA						
<u> </u> -	<del></del>	-F $+$ $-$	<u> </u>		✓ Are	a Permit			CLA	SS II					
<u> </u>	<del>-</del>				Rul	е			E	Brine Dispos	al				
	1 1 1	l i	iil		Numbe	r of Wells	1		☐ E	nhanced Re	covery				
	<del>    -   -   -   -   -   -   -   -  </del>		-		Numbe	or Wella				lydrocarbon	Storage				
<u> </u>	غنن	حنب	لنن						V CLA						
		S			Lease Na	me NA			Well Num	ber 337S					
	CA	SING AND TU	BING RECORI	D AFTER	PLUGGIN	3		METH	METHOD OF EMPLACEMENT OF CEMENT PLUGS						
SIZE	WT (LB/FT)	LEFT IN W	ELL (FT)	HOLE SIZE	E I Th	e Balance Me	thod								
3	9.11-EST.	0	IN WELL (FT)	295		1000000	5		e Dump Baile						
5	13.70-EST.	0		40			6.5-EST.		e Two-Plug N						
									her						
										No.					
	CEMENTING	TO PLUG AN	D ABANDON D	ATA:		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7			
	lole or Pipe in			(inche:		2.97 est	3								
	Bottom of Tub Cement To Be					NA 40.1	300	-			-				
	olume To Be Pu	The second of th				51.38	11.3								
	ed Top of Plug		)			300	5								
	d Top of Plug (i	2000 C				300	5								
Slurry W	t. (Lb./Gal.)					15.6	15.6								
Type Cer	nent or Other N	Material (Class	i III)			V	V								
	LIS	T ALL OPEN	HOLE AND/OR	PERFOR	ATED INTE	ERVALS AN	ID INTERVAL	S WHERE CAS	ING WILL BE	VARIED (if a	ny)				
	From			То				From			То				
1368			300												
300			5												
-															
Estimate	d Cost to Plug	Wolle													
\$13,71		Wells													
						Certifica	ation								
att inf	ertify under the achments and ormation is tru ssibliity of fine	that, based one, accurate, a	n my inquiry o	of those in	y examine ndividuals are that th	d and am f	amiliar with	ble for obtaini	ng the inform	ation, I belie	ve that the	,			
Name an	d Official Title	(Please type	or print)		Signature Date Signed										
Dan Johnson, VP Environment and Technical Services						2			_		09/07	12012			

#### PROPOSED PLUGGING AND ABANDONMENT AS-BUILT 337S COREHOLE 337S COREHOLE CASING REMOVED TO 5 FEET BACKFILLED WITH NATIVE MATERIAL UPPER BASIN UPPER BASIN 5-INCH STEEL CASING 5-INCH STEEL CASING FILL UNIT (UBFU) FILL UNIT (UBPU) TO 46 FEET TO 40 FEET CEMENT GROUT -CEMENT GROUT 265 FEET -265 FEET-MIDDLE FINE-GRAINED UNIT (MFGL) MIDDLE FINE-GRAINED UNIT (MFGU) 3-INCH DIAMETER CASING 3-INCH DIAMETER CASING TO 300 FEET TO 300 FEET 300 FEET 300 FEET 5-INCH DIAMETER BOREHOLE TO 300 FEET 5-INCH DIAMETER BOREHOLE TO 300 FEET LOWER BASIN FILL UNIT (LBFU) LOWER BASIN FILL UNIT (LBFU) CEMENT GROUT **341 FEET** 341 FEET -2.97-INCH DIAMETER COREHOLE 2.97-INCH DIAMETER COREHOLE BEDROCK BEDROCK OXIDE ZONE OXIDE ZONE 1368 FEET 1368 FEET

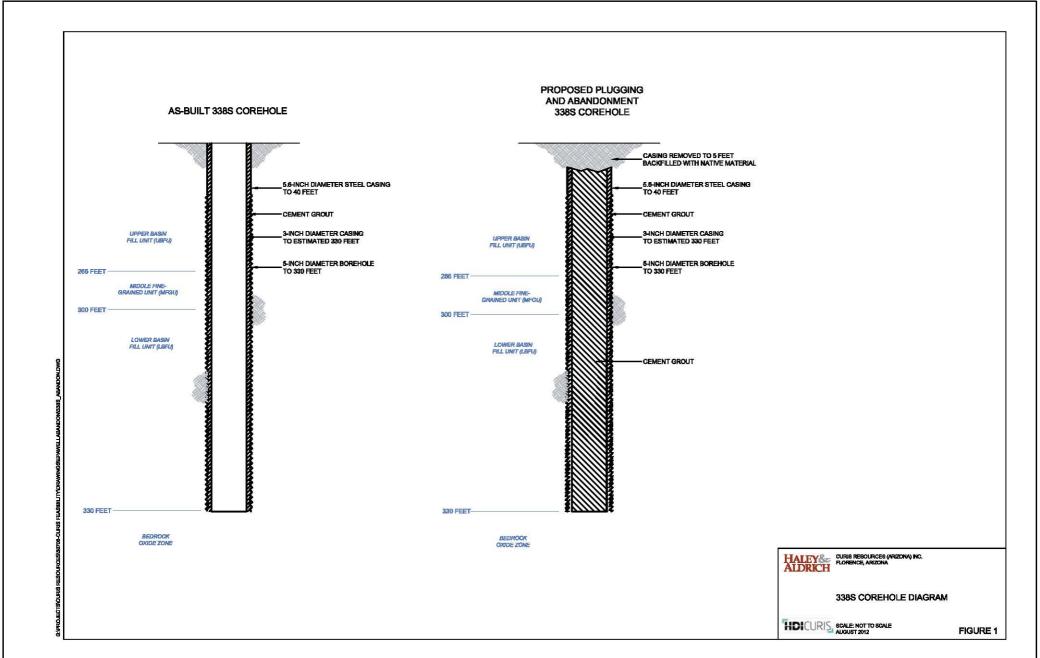


CURIS RESOURCES (ARIZONA) INC. FLORENCE, ARIZONA

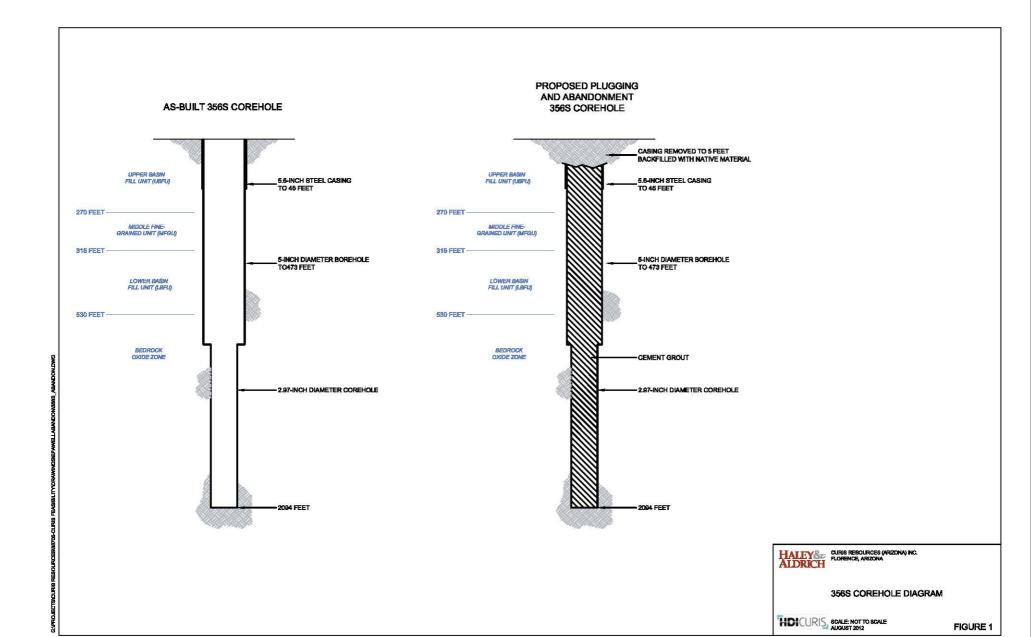
337S COREHOLE DIAGRAM



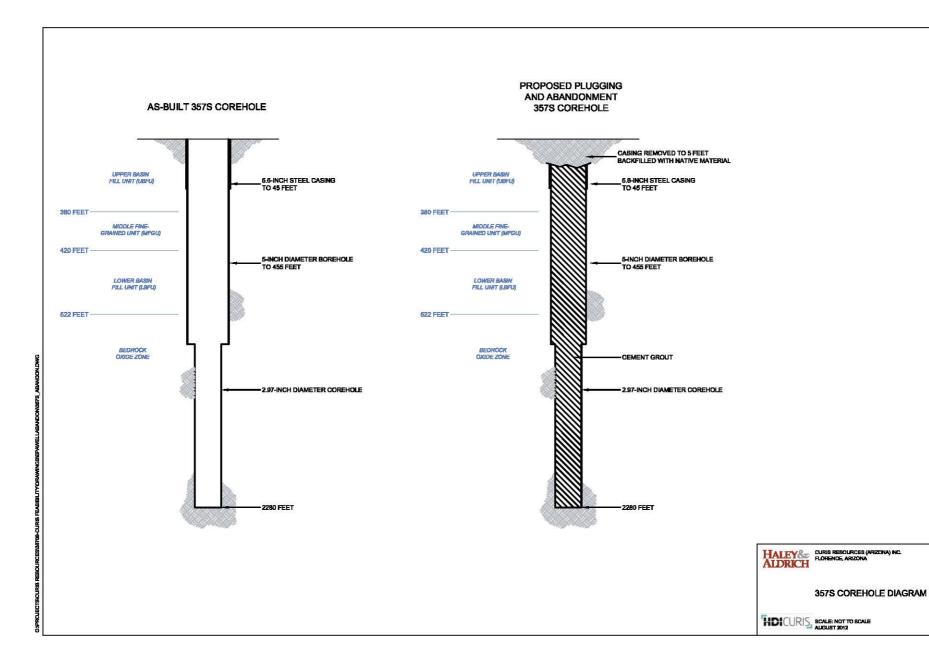
€E	PA		PLU		Wa	ashington,			Agency ENT PL	.AN			
Florer	nd Address of F ace Copper Pro W Hunt Hwy,	PAGE 2010-2010-4/1-					Name and A	Addre	ess of Owne	r/Operator	na 85132		
Lo	cate Well and	Outline Unit on	-	100	itate				ounty	Number			
Se	ction Plat - 640	Acres		1	Arizona				mai		AZ39	6000001	
		N		198	Surface Location Description SW 1/4 of NE 1/4 of NE 1/4 of SE 1/4 of Section 28 Township 4S Range								
				18	5VV 1/4	of <u>INE</u> 1/4	of <u>NE</u> 1/4	4 of _	SE 1/4 of	Section 28	Township	45 Range	9E
w	++ 		S	Surface  Location 350 ft. frm (N/S) N Line and 335 ft. from (E/W) E Line of TYPE OF AUTHORIZATION  Individual Permit  Rule  Number of Wells 1				e of quarter section.  WELL ACTIVITY  CLASS II  Brine Disposal  Enhanced Recovery					
	T - I - T		T							✓ CLA	lydrocarbon	Storage	
		S				NA				Please Control			
		3	L	ease Na	me INA				Well Num	338S			
	CA	ASING AND TUE	BING RECORE	AFTER PL	UGGIN	3			METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS
SIZE	WT (LB/FT)	TO BE PUT IN	WELL (FT)	TO BE LE	FT IN W	ELL (FT)	HOLE SI	ZE	✓ Th	e Balance Me	thod		
3	9.11-EST.	0		325			5			e Dump Baile			
5.6	13.70-EST.	0		35			6.5est			e Two-Plug N			
										ner			
				1						Men.			
	CEMENTING	G TO PLUG AND	ABANDON DA	ATA:		PLUG #1	PLUG	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of I	Hole or Pipe in	which Plug Wil	II Be Placed (	inche		3							
		bing or Drill Pip				330							
_		Used (each plu	1 <b>g</b> )			12.4		_					
	olume To Be P					15.95					_		
	ed Top of Plug ed Top of Plug (					5	+	-	-				
	/t. (Lb./Gal.)	ir tagged it.)				15.6	1	-					
		Material (Class	III)			V	1						
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ST ALL OPEN H		DEDEODAT		-	ID INTERV	ALSI	WHERE CAS	ING WILL BE	VARIED (If a	mu)	
	From	ST ALL OPEN II	OLE ANDION	To	EDINIE	INVALS AF	ID INTERVA		From	ING WILL BE	VARIED (II a	То	
330	110111		5	10		11		_	110111				
550													
\$13,71	ed Cost to Plug	Wells								•			
at in po	tachments and formation is tru ossibliity of fine	e penalty of law that, based on ue, accurate, an a and imprison (Please type o	my inquiry on d complete. ment. (Ref. 4	f those ind I am aware	examine ividuals that the 32)	immediate	amiliar wit	sible	for obtaining	ng the inform	ation, I belie	eve that the	
-		A SALES AND A	ALL BOOK AND COMMENT	Sarvices	C	nature .			10			1	
Dan Jo	nnson, VP En	vironment and	i recunical	bervices			) -	d		_		09/07	(2012



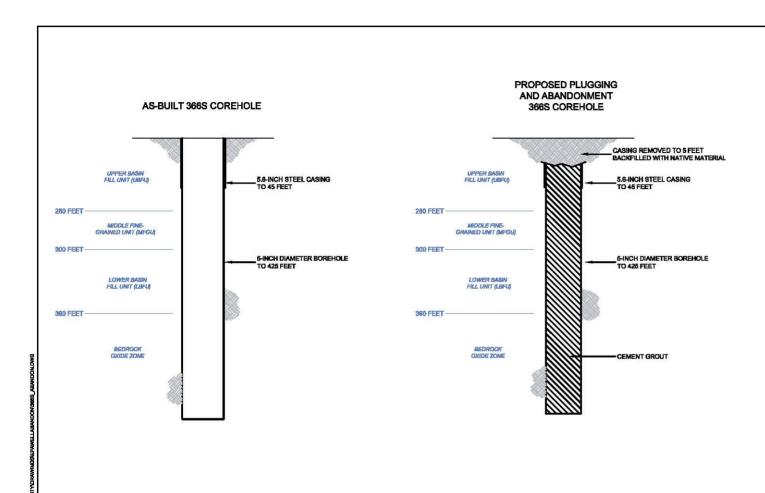
₽E	PA		PLU		W	ashington,		n Agency MENT PL	.AN					
Floren	nd Address of F ice Copper Pro V Hunt Hwy,	oject	zona 85132				Curis Resou	dress of Owne irces (Arizon nt Hwy, Flor	a) Inc	ıa 85132				
Lo	cate Well and	Outline Unit on	ě	-	State			County		12 - parameters and a	Number			
Se	ction Plat - 640	Acres			Arizona			Pinal		AZ396000001				
		N			Summer State of State	Location D		CWI	20	12 31	4C =	OF		
	1 1 1					1,17.19		f SW 1/4 of						
w	+		E		Surface Location and 1090 Indi V Are Rul	530 ft. from (E TYPE OF ividual Per a Permit	m (N/S) N E Line AUTHORIZAT mit	om nearest line Line of quarte e of quarter se ION	ction.	WELL ACTIVITY ASS I ASS II Brine Disposal Enhanced Recovery				
-	<u> </u>		-4-1		Numbe	r of Wells	1			lydrocarbon				
									V CLA	-				
		s			Lease Na	NA NA			Well Num	356S				
	CA	ASING AND TUE	BING RECORI	AFTER				METH			F CEMENT P	LUGS		
SIZE	WT (LB/FT)	TO BE PUT I	N WELL (FT)	то ве	LEFT IN W	/ELL (FT)	HOLE SIZE		a Balance Me	thod				
5.6	13.7-EST.	0		40			6.5		✓ The Balance Method  The Dump Bailer Method					
									e Two-Plug N					
								Ott	ner					
							1	1	F == 1 == 1			T		
Size of L	CEMENTING tole or Pipe in	TO PLUG AND		(max.ex		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
	Bottom of Tul		A CONTRACTOR OF THE PARTY OF TH	mone		NA	473							
	Cement To Be					60.8	49.8							
Slurry V	olume To Be Pu	umped (cu. ft.)				78	63,8							
Calculate	ed Top of Plug	(ft.)				473	5							
	d Top of Plug (	if tagged ft.)				473	5							
	t. (Lb./Gal.)					15.6	15.6							
Type Cei	ment or Other M					V	V							
	From	ST ALL OPEN H	OLE AND/OR	To	ATEDINTE	ERVALS AN	IDINTERVAL	From	ING WILL BE	VARIED (If a	To			
2094	110111		473					110			10			
473			5											
\$13,71	d Cost to Plug 5	Wells												
att inf po	ertify under the achments and ormation is tru ssibliity of fine	that, based on le, accurate, an and imprison	my inquiry o nd complete. ment. (Ref. 4	f those in I am awa	y examine ndividuals are that th	immediate ere are sig	amiliar with t	ole for obtainir	ng the inform	ation, I belie	eve that the ncluding the			
Separate Control	d Official Title	ELECTRIC CONTRACTOR			Sign	nature	/				Date Signed			
Dan Jol	hnson, VP En	vironment and	Technical S	ervices		7	) (	1			09/07	1-12012		



0.5	-			United S		nvironmer	ntal Protection	n Agency				
<b>⊕</b> E	:PA		PLU	JGGING		12		MENT PL	.AN			
Name a	nd Address of I	Facility				1	Name and Ad	dress of Owne	er/Operator			
Florer 1575	ice Copper Pr W Hunt Hwy,	oject Florence Ariz	ona 85132					urces (Arizon nt Hwy, Flor		na 85132		
1000	cate Well and	Outline Unit on		(204)	ate Tizona	(		County Pinal		promotion part to a	Number 6000001	-
			-	Su	ırface L	ocation D	escription					
	TIT	N I I		N	W 1/4 c	of SW 1/4	of <u>NE</u> 1/4 o	f SW 1/4 of	Section 28	Township	4S Range	9E
-	++ ++	-    -    -	-	Su	rface cation	730 ft. from (E	m (N/S) N /W) E Lin	om nearest lin Line of quarte e of quarter se	r section			
w	<del>-                                    </del>	1 1	E		7		AUTHORIZAT	ION			ACTIVITY	
_	ナードナ	!		1 1		vidual Per Permit	mit		CLA			
	1 1.1			l i	Rule					Brine Dispos	al	
	7-67						ĭ		1	nhanced Re		
-	+	- <b>-</b>	-+-		Number	of Wells	1		□ F	lydrocarbon	Storage	
_									V CLA	SS III		
		S		Le	ase Na	me NA			Well Num	ber 357S		
	C	ASING AND TUE	BING RECORI	AFTER PLU	JGGING	3		METH	OD OF EMPL		F CEMENT P	LUGS
SIZE	WT (LB/FT)	TO BE PUT I	WELL (FT)	TO BE LEF	T IN W	ELL (FT)	HOLE SIZE	□ ✓ Th	e Balance Me	thod		
5.6	13.70	0		40			6.5		e Dump Baile			
								Th	e Two-Plug N	lethod		
								Ot	her			
		1			_		1	+			T 20 000 00	T
Size of I		G TO PLUG AND		951/35		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
		which Plug Wi		inche	_	2.97 NA	455					
		Used (each plu				68.5	47.9	1				
Slurry V	olume To Be P	umped (cu. ft.)	**			87.8	61.2					
Calculat	ed Top of Plug	(ft.)				455	5					
Measure	d Top of Plug (	(if tagged ft.)				455	5					
	/t. (Lb./Gal.)		2007			15.6	15.6					
Type Ce		Material (Class				V	V					
		ST ALL OPEN H	OLE AND/OR		D INTE	RVALS AN	ID INTERVAL		SING WILL BE	VARIED (if a		
2280	From		455	То	_			From			То	
455			5									
100												
						1						
\$13,71	od Cost to Plug 5	Wells										
					(	Certifica	ntion					
ati ini	tachments and formation is tru	e penalty of law that, based on ue, accurate, an e and imprison	my inquiry o	f those indiv	camine viduals that the	d and am f	amiliar with	ole for obtaini	ng the inform	ation, I belie	eve that the	1
Name an	d Official Title	(Please type o	r print)		Sign	ature				1	Date Signed	
Dan Jo	hnson, VP En	vironment and	Technical S	Services	<	9	(				09/07	12012



≎E	PA		PLU		W	ashington,		on Agency  MENT P	LAN					
Floren	nd Address of F nce Copper Pro W Hunt Hwy,	oject	zona 85132				Curis Reso	ddress of Ow ources (Arizo unt Hwy, Flo	activates value resident	na 85132				
Lo	cate Well and C	Outline Unit on	1		State Arizona		-	County Pinal		Target State of the State of th	Number 6000001			
Se	ction Plat - 640	Acres		}	1 S. Maria Salara		Indian	Pinai		AZO	9000001			
_		N				Location D		CW	Section 28	12	40 -	OF		
w			E		Surface Location and 1090 Indi  Are: Rul Number	950 ft. fm ft. from (E TYPE OF ividual Per a Permit le	m (N/S) N  =/W) E Lin  AUTHORIZA	Line of quarter	er section section.	WELL SS I SS II Brine Dispose Enhanced Re Hydrocarbon SS III	ACTIVITY al			
					Lease Na	ime			Well Num	Dei				
		ASING AND TUE							THOD OF EMPI	ACEMENT O	F CEMENT P	LUGS		
SIZE	WT (LB/FT)	TO BE PUT II	N WELL (FT)		LEFT IN W	/ELL (FT)	HOLE SIZ	E Z	he Balance Me	ethod				
5.6	13.70-est	0		40			6.5		The Dump Bailer Method					
						-			he Two-Plug N	Method				
									other					
	CEMENTING	G TO PLUG AND	ABANDON DA	ATA:		PLUG #1	PLUG#	2 PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
Size of I	Hole or Pipe in					5	,		7.000		,			
Depth to	Bottom of Tub	oing or Drill Pig	pe (ft	A Company		425 est								
Sacks of	f Cement To Be	Used (each plu	ug)			44.7								
	olume To Be Pu					57.3								
	ed Top of Plug					5								
	ed Top of Plug (	if tagged ft.)				5								
	Vt. (Lb./Gal.) ment or Other N	Material (Class	IIIV			15.6		4						
туре Се				25250		V	400 10 10000000000000000000000000000000							
		ST ALL OPEN H	OLE AND/OR		ATED INTE	ERVALS AN	ND INTERVA	From	ASING WILL BE	VARIED (if a	11.55			
425	From		5	То				From			То			
423			13					-						
Estimate \$13,71	ed Cost to Plug 15	Wells												
att inf	certify under the tachments and formation is tru ossibliity of fine	that, based on ie, accurate, an	my inquiry o	f those in I am awa	examine dividuals are that th	immediate	familiar with ely responsi	ible for obtain	ing the inforn	nation, I belie	eve that the	b		
Name an	nd Official Title	(Please type o	or print)		Sign	nature					Date Signed			
Dan Jo	hnson, VP Env	vironment and	d Technical S	Services	(	3		11	_		09/07	12012		

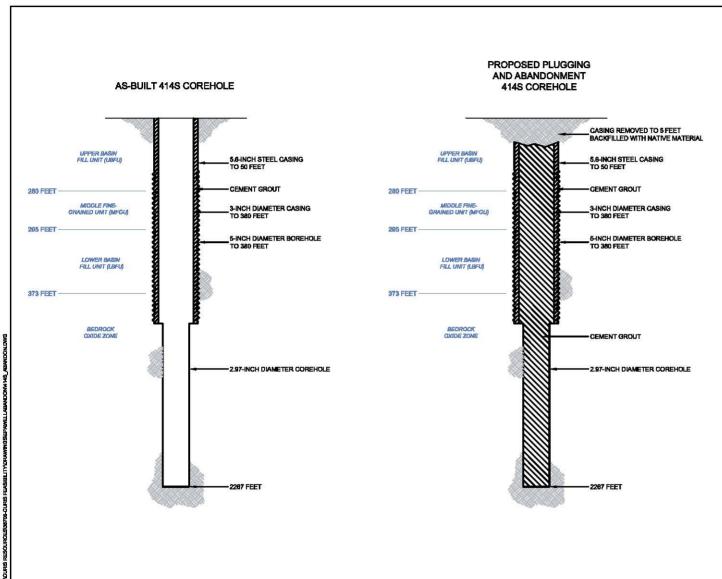




366S COREHOLE DIAGRAM

HDICURIS SCALE: NOT TO SCALE

₽E	PA		PLU			gton,	DC 20460	n Agency	.AN			
Flore	nd Address of F nce Copper Pro W Hunt Hwy,	ject	2.50			N	lame and Ad Curis Resou	dress of Owne irces (Arizon nt Hwy, Flor	er/Operator a) Inc	na 85132		
	ocate Well and C		n	- 22	tate Arizona			County Pinal		p-entreents	Number 6000001	
	out of the			S	urface Locati	on De	escription				1//	
	111	N		N	E 1/4 of SW	1 1/4	of NE 1/4 o	f SW 1/4 of	Section 28	Township	4S Range	9E
w				St. Lo	ocation 740	ft. frm om (E/ E OF A I Perm nit	n (N/S) N /W) E Line AUTHORIZATI	om nearest lin Line of quarte e of quarter so	CLA	WELL .	ACTIVITY al	
L	1 1 1								V CLA	ss III		
		s		Le	ase Name	Α			Well Num	ber 414S		
	CA	SING AND TU	BING RECORE	AFTER PL	UGGING			METH	OD OF EMPL		F CEMENT P	LUGS
SIZE	WT (LB/FT)	TO BE PUT	IN WELL (FT)	TO BE LE	FT IN WELL (I	FT)	HOLE SIZE	□ <sub>Th</sub>	e Balance Me	thod		
3	13.70	0		375			5	☐ Th	e Dump Baile	er Method		
5.6	13.70	0		45		_	6.5	Th	e Two-Plug N	lethod		
-						-	-	Ot	her			
_	CEMENTING	TO PLUG AND	D ABANDON DA	ATA:	PLU	IG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of	Hole or Pipe in			33532	2.97	70.107	3	1 200 #0	1200 #4	1200 #3	1 200 #0	1 200 #7
Depth t	o Bottom of Tub	ing or Drill Pi	ipe (ft		NA		380					
Sacks o	f Cement To Be	Used (each pl	lug)		70.8	}	14.4					
	olume To Be Pu				90.7	78	18.41					
	ted Top of Plug	1000			380		5					
	ed Top of Plug (i Vt. (Lb./Gal.)	f tagged ft.)			380		5	-				
	ment or Other N	laterial (Class	IIII		15.6 V		15.6 V					
.,,,,,,			HOLE AND/OR	PERFORATI		SAN		S WHERE CAS	ING WILL BE	VARIED (if a	nnv)	
	From	I ALL OF LIVE	TOLL AND/OR	To	LD INTERVAL	J AN	DINTERVAL	From	III VILL BE	VARIED (II E	To	
2267			380									
380			5									
\$13,7	ed Cost to Plug 15	Wells										
at in pe	certify under the tachments and formation is tru ossibility of fine and Official Title	that, based or e, accurate, a and imprison	n my inquiry o nd complete. nment. (Ref. 4	f those indi I am aware	viduals imme that there are 32)	am fa diate e sigr	amiliar with t	le for obtaini	ng the inform	ation, I belie	eve that the including the	
-				Compless	Signature			10			Date Signed	
Dan Jo	hnson, VP Env	vironment an	a Technical S	ervices	1	-	1	11			20100	12.12



HALEY& CURIS RESOURCES (ARIZONA) NO. ALDRICH

414S COREHOLE DIAGRAM

THOICURIS SCALE: NOT TO SCALE

<b>≎EPA</b>	PL		Wa	shington,	ntal Protection DC 20460	n Agency //ENT PL	.AN			
Name and Address of Facility	,				Name and Ad	dress of Owne	r/Operator			
Florence Copper Project 1575 W Hunt Hwy, Flore	nce Arizona 85132					rces (Arizon nt Hwy, Flor		na 85132		
Locate Well and Outlin Section Plat - 640 Acres	e Unit on		State Arizona			County Pinal		11000000000	Number 6000001	
N					escription	SW 1/4 of	Section 28	Township	4S Pange	9E
-+	· +   · + + -		Locate well in two directions from nearest lines of quarter section and dr Surface Location $\frac{520}{1}$ ft. frm (N/S) N Line of quarter section and $\frac{830}{1}$ ft. from (E/W) E Line of quarter section.							
w			☐ Indi	TYPE OF vidual Per a Permit e	AUTHORIZATI mit		WELL ACTI  ☐ CLASS II ☐ CLASS II ☐ Brine Disposal ☐ Enhanced Recove ☐ Hydrocarbon Sto		al covery	
s			Lease Na	me NA			Well Num	ber 415S		
	AND TUBING RECOR		LEFT IN W		HOLE SIZE  5  6.5		e Balance Me e Dump Ball e Two-Plug M	ethod er Method	F CEMENT P	.003
CEMENTING TO P	LUG AND ABANDON D	ATA:		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #
Size of Hole or Pipe in which	Plug Will Be Placed	(inche		2.97	3	3				
Depth to Bottom of Tubing o	r Drill Pipe (ft			NA	280					
Sacks of Cement To Be Used	(each plug)			66.1	10.5					
Slurry Volume To Be Pumped	l (cu. ft.)			84.7	13.5					
Calculated Top of Plug (ft.)				280	5					
Measured Top of Plug (if tagg Slurry Wt. (Lb./Gal.)	jed ft.)			280	5					
Type Cement or Other Materia	al /Clase III)			15.6 V	15.6 V					
	OPEN HOLE AND/OF	DEDEOD	ATED INTE			MUEDE CAC	INC WILL DE	WADIED #6		
From	OPEN HOLE AND/OF	To	ATED INTE	KVALS AN	ID INTERVAL	From	ING WILL BE	VARIED (II a	To	
2042	280	10		11	-	110111			10	
280	5									
stimated Cost to Plug Wells \$13,715							1.0			

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)

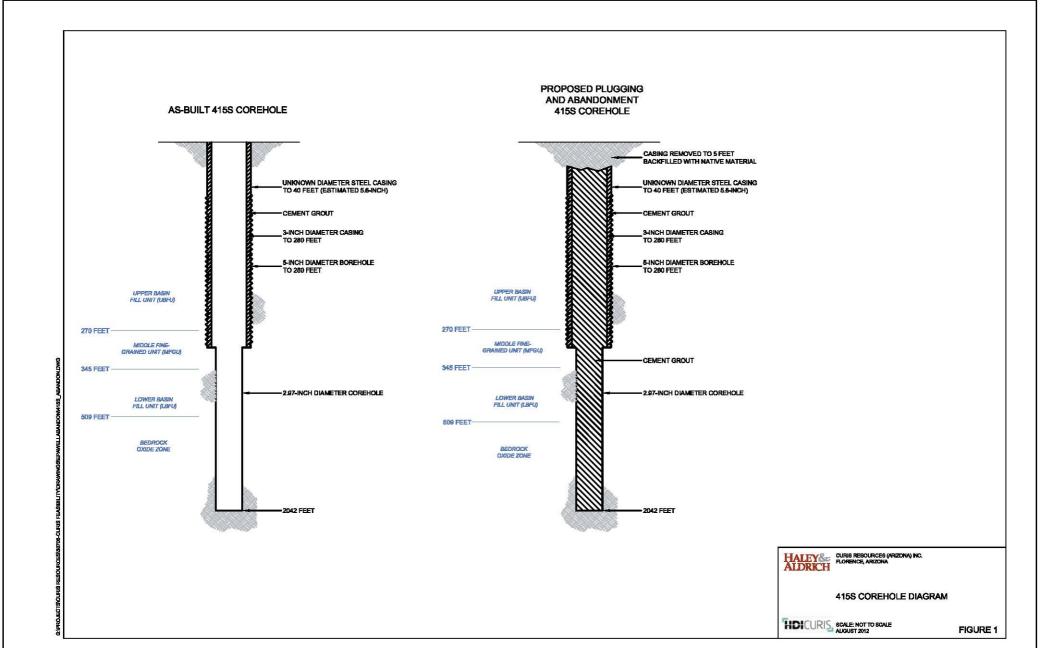
Dan Johnson, VP Environment and Technical Services

Signature

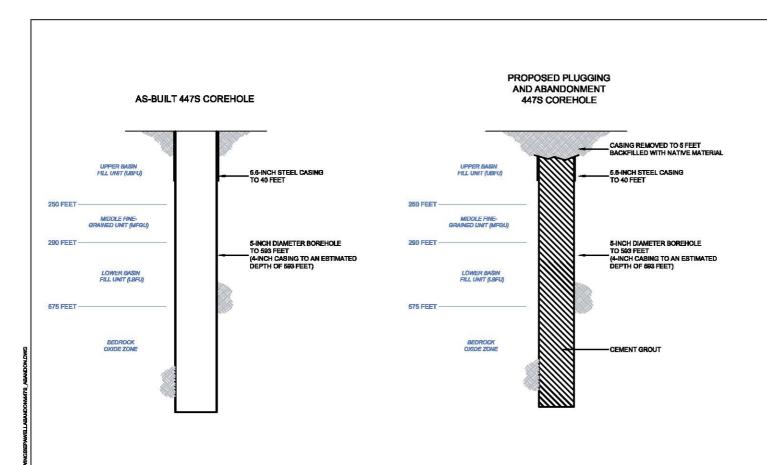
nature )

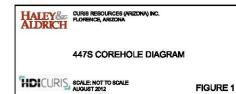
Date Signed

09/07/2012



<b>⊕</b> E	PA		PLU		Was	shington,	ntal Protection DC 20460	S12011111111111111111111111111111111111		.AN			
Florer	nd Address of F nce Copper Pro W Hunt Hwy,	oject	zona 85132				Name and Ad Curis Reso 1575 W Hu	urces (A	rizon		na 85132		
	cate Well and (		n	100	tate Arizona			County Pinal			24/19/04/99/04/04/04	Number 6000001	
	Ction Flat - 040			s	urface Lo	cation D	escription						
_		N		S	E 1/4 of	NE 1/4	of NW 1/4	of SW 1/4	of	Section 28	Township	4S Range	9E
w			-   -    -   -    -   -    -   -	S	urface ocation 5 nd 1260 f	40 ft. from (E TYPE OF	m (N/S) N :/W) W Lin	Line of q	uartei		WELL /	drilling unit	
-	+				Rule					E	Brine Dispos	al	
	ユニレゴ.	_Li_	Li_l		Number	of Wells	1			Printer.	nhanced Re		
	TIT									V CLA	lydrocarbon ss III	Storage	
		s			(32)	NA				1			
					ease Nam	ie				A CONTRACTOR OF THE PARTY OF TH	ber 447S		
		exercise, conservations	BING RECORE	The second	(A) Description			_	МЕТН	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS
SIZE 4-est	WT (LB/FT) 10.79-EST	0	IN WELL (FT)	588-EST	O-7/1 COLD ST-2/1/	LL (FT)	HOLE SIZ			e Balance Me			
5.6	13.70-EST	0		35 35			6.5	+ +	=	e Dump Baile e Two-Plug N			
							1010		Oth	1.00	ietilou		
			D ABANDON DA	(*************************************		PLUG #1	PLUG #	PLUC	3 #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
	Hole or Pipe in	Produced Account to the American	Strate-seam concerns.	inche		4	r						-
	Bottom of Tut f Cement To Be					593-ES	1	-	-				
	olume To Be Pi					51.3	1						
Calculat	ed Top of Plug	(ft.)				5	ji						
	d Top of Plug (	if tagged ft.)				5							
	/t. (Lb./Gal.)	1-1-1-1-1-01	nn.			15.6		4					-
Type Ce	ment or Other N			05050047		V	ID INTERNAL	O MANUE DE		INC MILL DE	MADIED US		
	From	T ALL OPEN I	HOLE AND/OR	To	ED INTER	EVALS AN	ID INTERVAL	From	CAS	ING WILL BE	VARIED (If a	To	
593	77011		5					130111				- 10	
			1 1000										
Fatherst	10-11-01-	W-H-											
\$13,7	ed Cost to Plug	wells											
at in po	ertify under the tachments and formation is tru sssibility of fine ad Official Title	that, based or e, accurate, a and imprison	n my inquiry o nd complete. iment. (Ref. 4	f those ind I am aware	examined ividuals in that ther	mmediatere are sig	amiliar with	ble for ob	tainir	ng the inform	ation, I belie	ve that the	





					0	MB No. 2040	-0042 Ap	proval Expire	es 11/30/2014	
<b>≎EPA</b>	DLI		Washi	ngton,	tal Protection DC 20460		ANI			
Name and Address of Facility	PLU	JGGING	3 AND		NDONM					
Name and Address of Facility Florence Copper Project 1575 W Hunt Hwy, Florence	Arizona 85132				lame and Add Curis Resour 1575 W Hun	ces (Arizon	a) Inc	na 85132		
Locate Well and Outline Un	it on	1.00	tate Arizona		1 12	ounty Pinal		4 70 000 0000	Number 6000001	
Section Plat - 640 Acres		- 13	urface Loca	ation De		1000000		1 1		
N		0.00			of <u>NW</u> 1/4 of	SW 1/4 of	Section 28	Township	4S Range	9E
	TUBING RECORD	L S L a	urface ocation 530 nd 1060 ft, t  TY Individu Area Pe Rule Number of	ft. frm from (E. PE OF / ual Perr rmit Wells	n (N/S) N Line NW Line AUTHORIZATIO	CLASS I  CLASS II  Brine Disposal  Enhanced Recov  Hydrocarbon Sto  CLASS III  Well Number  METHOD OF EMPLACEMENT OF CL			drilling unit  ACTIVITY  al  covery  Storage	
						Ott	ner			
OFMENTING TO BUILD	AND ADAMBON D		To	LUG #1	D1 110 #0	DI 110 #0	DI 110 #4	PLUG #5	PLUG #6	PLUG
CEMENTING TO PLUG Size of Hole or Pipe in which Plug		3000	3	LUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG
Depth to Bottom of Tubing or Dri		mene	75	50						
Sacks of Cement To Be Used (eac			-	3.5	1					
Slurry Volume To Be Pumped (cu.	. ft.)		36	5.57						
Calculated Top of Plug (ft.)			5							
Measured Top of Plug (if tagged f	t.)		5							
Slurry Wt. (Lb./Gal.)				6.6						
Type Cement or Other Material (CI	STATE COMM		V			W/				
	EN HOLE AND/OR	0.200	ED INTERV	ALS AN	D INTERVALS		ING WILL BE	VARIED (if a		
From		То		- 1		From			То	
750	5									
				7						
Estimated Cost to Plug Wells \$13,715										
I certify under the penalty o	of law that I have a	arganally d		rtifica		a lafamantle	a colombted	in this decision		

Signature

Date Signed

09/07/2012

Name and Official Title (Please type or print)

Dan Johnson, VP Environment and Technical Services

## PROPOSED PLUGGING AND ABANDONMENT **AS-BUILT 448S COREHOLE** 448S COREHOLE CASING REMOVED TO 5 FEET BACKFILLED WITH NATIVE MATERIAL UPPER BASIN FILL UNIT (UBFU) UPPER BASIN UNKNOWN DIAMETER STEEL CASING UNKNOWN DIAMETER STEEL CASING FILL UNIT (UBFU) TO 40 FEET (ESTIMATED 5.6-INCH) TO 40 FEET (ESTIMATED 5.6-INCH) CEMENT GROUT -CEMENT GROUT 265 FEET-265 FEET -MIDDLE FINE-MIDDLE FINE-3-INCH DIAMETER CASING 3-INCH DIAMETER CASING GRAINED UNIT (MFGU) GRAINED UNIT (MFGU) TO 750 FEET TO 750 FEET 300 FEET 300 FEET 5-INCH DIAMETER BOREHOLE 5-INCH DIAMETER BOREHOLE TO 750 FEET TO 750 FEET LOWER BASIN FILL UNIT (LBFLI) LOWER BASIN FILL UNIT (LBFLI) -CEMENT GROUT **730 FEET 730 FEET** BEDROCK OXIDE ZONE BEDROCK OXIDE ZONE



CURIS RESOURCES (ARIZONA) INC. FLORENCE, ARIZONA

448S COREHOLE DIAGRAM



₽E	PA		PLU		W	ashington	ntal Protection , DC 20460 ANDON	on Agency  MENT PL	.AN			
Name ar	d Address of F	acility					Name and A	ddress of Own	er/Operator			
	ce Copper Pro V Hunt Hwy,		zona 85132					urces (Arizor ınt Hwy, Flor		na 85132		
	cate Well and C		n		State Arizona	a		County Pinal	-	proposition of the same	Number 6000001	
	1 1 1	N I			a discountried and		escription	of <u>SW</u> 1/4 of	Section 28	Township	4S Range	9E
-	++ ++-	-  - -  - -  -	L		Surface Location	750 ft. fr	m (N/S) N	om nearest lin Line of quarte	r section	section and	drilling unit	
w			E		Are Rul	ividual Per a Permit le r of Wells		TION		SS I SS II Brine Dispos Enhanced Re Hydrocarbon SS III	covery	
					Lease Na	ime 1177			Well Num	ber 453S		
	CA	SING AND TU	BING RECORE	AFTER	PLUGGIN	G		METH	OD OF EMPI	ACEMENT O	F CEMENT P	LUGS
SIZE	WT (LB/FT) 9.11-EST.	TO BE PUT	IN WELL (FT)	то ве 865	LEFT IN W	/ELL (FT)	HOLE SIZ		e Balance Me e Dump Bail			
5.6est	13.70-EST	0		35			6.75		e Two-Plug N her	Method		
	400000000000000000000000000000000000000	LIFE CLIPS IN AUCT	D ABANDON DA	annown)		PLUG #	1 PLUG#	2 PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
	lole or Pipe in			inche:		3	-					
	Cement To Be					870 33.1	-	1				-
	olume To Be Pu					42.46	+	-				-
	d Top of Plug					5	1					
	d Top of Plug (i					5						
Slurry W	t. (Lb./Gal.)					15.6						
Туре Се	nent or Other M	laterial (Class	III)			V						
	LIS	T ALL OPEN	HOLE AND/OR	PERFOR	ATED INTI	ERVALS A	ND INTERVAL	S WHERE CAS	SING WILL BE	VARIED (if a	ny)	
	From			То				From			То	
870			5									
						11						
\$13,71	d Cost to Plug 5	Wells										

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)
-------------------------	------------------------

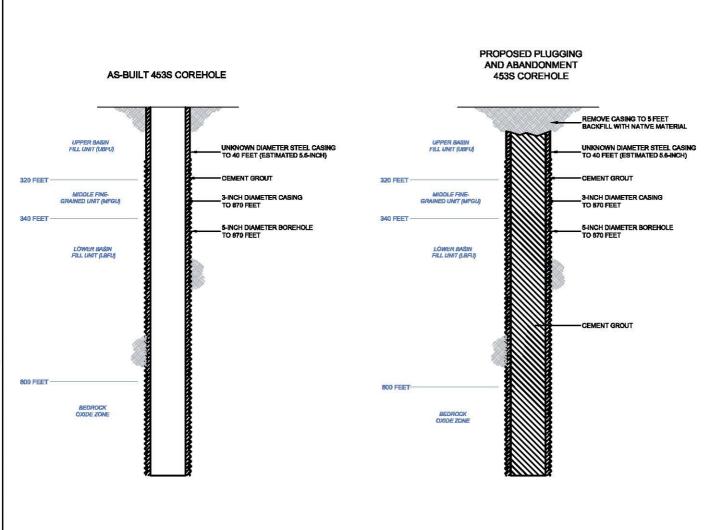
Dan Johnson, VP Environment and Technical Services

Signature

signature

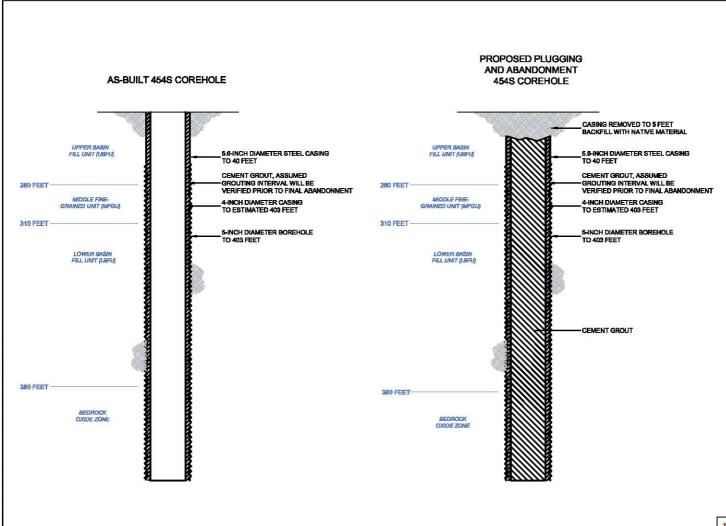
Date Signed

09/07/2012



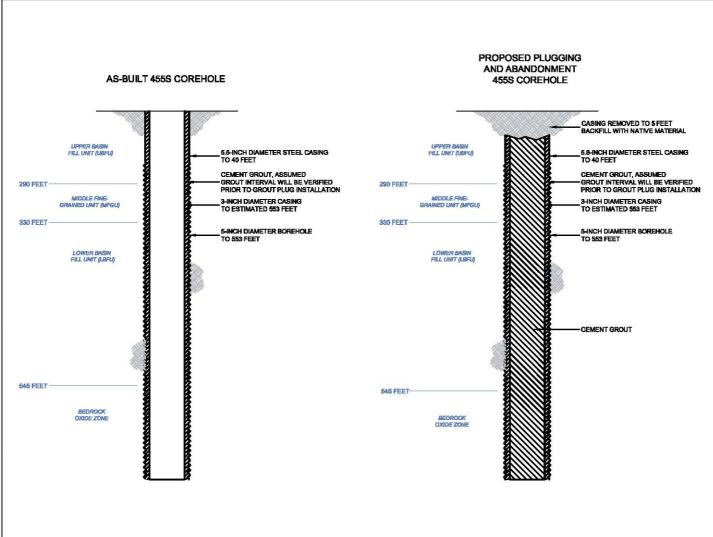


₽E	PA		PLU		Wa	shington,		n Agency MENT PL	.AN					
Floren	nd Address of F nce Copper Pro W Hunt Hwy,	ject	ona 85132				Curis Resou	dress of Owne irces (Arizon nt Hwy, Flor	a) Inc	ıa 85132				
Lo	cate Well and C	Outline Unit on	-	1.00	State		1.1	County		1-0-H0566097	Number			
	ction Plat - 640			- 1	Arizona			Pinal		AZ39	6000001			
		N			Surface Location Description   NE   1/4 of   SE   1/4 of   NW   1/4 of   SW   1/4 of   Section   28   Township   45   Range									
				ı	NE 1/4	of <u>SE</u> 1/4	of <u>NW</u> 1/4 o	f <u>SW</u> 1/4 of	Section 28	Township	4S Range	9E		
w	+			s	Surface Cocation Ind 1280 Indi Area Rule	950 ft, frr ft, from (E TYPE OF vidual Per a Permit e	m (N/S) N IN IN/W) W Line AUTHORIZATI	☐ CLAS ☐ CLAS ☐ B			WELL ACTIVITY SS I SS II Brine Disposal Enhanced Recovery Hydrocarbon Storage SS III			
		s		- 1	ease Na	me NA			Well Num	ber 454S				
	CA	SING AND TUE	SING RECORD	AFTER P	LUGGING	3		METH	OD OF EMPL		F CEMENT P	LUGS		
SIZE	WT (LB/FT)	TO BE PUT I	WELL (FT)	TO BE LE	EFT IN W	ELL (FT)	HOLE SIZE	77.76	e Balance Me					
4	10.79-EST.		V	398 - ES			5	- × m						
5.6	13.70-EST	0		35			6.5		The Dump Bailer Method The Two-Plug Method					
							0.10		her	iethou				
									101					
	CEMENTING	TO PLUG AND	ABANDON DA	ATA:		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
Size of I	Hole or Pipe in	which Plug Wi	I Be Placed (	inche		4	31				1			
Depth to	Bottom of Tub	ing or Drill Pip	oe (ft			403 est								
	f Cement To Be		1 <b>g</b> )			27.1								
	olume To Be Pu					34.7		1						
	ed Top of Plug					5								
	d Top of Plug (i	f tagged ft.)				5	-							
	/t. (Lb./Gal.)					15.6								
Type Ce	ment or Other N					V	J		ela .					
	10-25	T ALL OPEN H	OLE AND/OR	A CONTRACTOR OF THE PARTY OF	TED INTE	RVALS AN	ID INTERVAL	10.00	ING WILL BE	VARIED (if a				
400	From		(e)	То				From			То			
403			5											
					_									
Estimate	d Cost to Plug	Wells												
\$13,71	C.													
att int po	ertify under the tachments and formation is tru ssibliity of fine	that, based on e, accurate, an and imprison	my inquiry on d complete. ment. (Ref. 4	f those ind	examine lividuals e that the	immediate	amiliar with t	ele for obtaini	ng the inform	ation, I belie	eve that the			
The same	d Official Title				Sign	ature		),			Date Signed			
Dan Jo	hnson, VP Env	rironment and	Technical S	Services	7	7		X_			09/07	-12013		



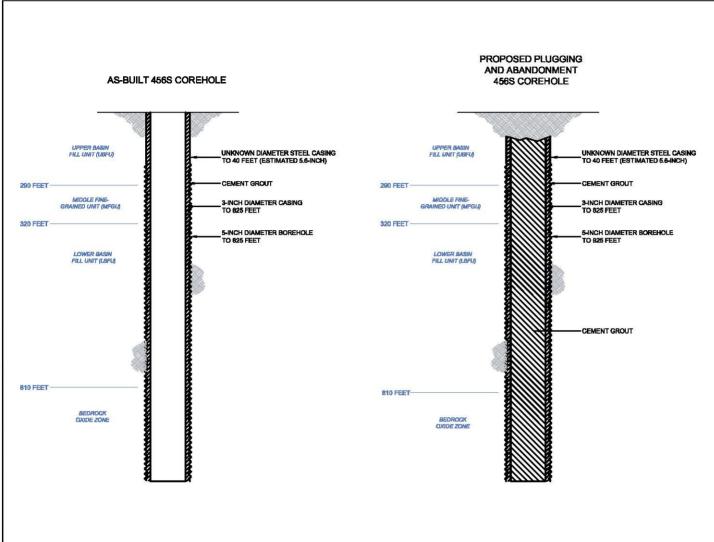


1 200	GING AN		DC 20460	MENT PL	.AN			
Name and Address of Facility Florence Copper Project 1575 W Hunt Hwy, Florence Arizona 85132			Curis Reso	dress of Owne urces (Arizon int Hwy, Flor	a) Inc	a 85132		
Locate Well and Outline Unit on Section Plat - 640 Acres	State Arizona	1		County Pinal		print with the Assets	Number 6000001	
N	Annual Principal	Location De		of SW 1/4 of	20	1	46 -	OF
	Locate w Surface Location	960 ft. frn	lirections from (N/S) N	om nearest lin	es of quarter	section and		
	✓ Area	ividual Perr a Permit e r of Wells			E		covery	
s		NA			V CLAS	SS III		
CASING AND TUBING RECORD AF	Lease Na	me		_	Well Numb			
	D BE LEFT IN W 18 est	ELL (FT)	5 7.88	Th	e Balance Me e Dump Baile e Two-Plug M ner	r Method		
CEMENTING TO PLUG AND ABANDON DATA		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (incl	ne:	3	][					
Depth to Bottom of Tubing or Drill Pipe (ft Sacks of Cement To Be Used (each plug)		553 est	-	4				
Slurry Volume To Be Pumped (cu. ft.)		26.9	-					
Calculated Top of Plug (ft.)		5						
Measured Top of Plug (if tagged ft.)		5						
Slurry Wt. (Lb./Gal.)		15.6						
Type Cement or Other Material (Class III)		V						1
LIST ALL OPEN HOLE AND/OR PER	RFORATED INTE	ERVALS AN	D INTERVAL	S WHERE CAS	ING WILL BE	VARIED (if a	OCIECE I	
From	То	-		From			То	
553 est 5	1							
		-						
Estimated Cost to Plug Wells \$13,715								
I certify under the penalty of law that I have pers attachments and that, based on my inquiry of th information is true, accurate, and complete. I ar possibility of fine and imprisonment. (Ref. 40 C Name and Official Title (Please type or print)	onally examine ose individuals n aware that the FR 144.32)	immediate	amiliar with	ble for obtaini	ng the inform	ation, I belie nformation, i	ve that the	
Dan Johnson, VP Environment and Technical Serv			\ /	1/			og \ - >	1





≎EF	PA		PLU		Wa	ashington,		on Agency  WENT PI	LAN			
Florence	Address of F Copper Pro Hunt Hwy,	5255				N	lame and Ad Curis Reso	dress of Own urces (Arizon ant Hwy, Flo	er/Operator na) Inc	na 85132		
		Outline Unit or	1	1	State Arizona	-		County Pinal	The state of the s			
Secti	ion Plat - 640	Acres		-		Location De	a artest a n	* mai		ness	000001	
		N		100			ASSAULT CONTROL	CWI	20		10	OF
				L	IN VV 1/4	of SE 1/4	of <u>NW</u> 1/4 c	of <u>SW</u> 1/4 of	Section 28	Township	45 Range	9E
w					Surface Location and 810 Indi V Area	960 ft. frm ft. from (E/ TYPE OF A vidual Perm a Permit	n (N/S) N W Lin AUTHORIZAT	N Line of quarter section Line of quarter section Line of quarter section  RIZATION  WELL ACTIVITY  CLASS I  CLASS II  Brine Disposal  Enhanced Recovery				
	ļ_Ļ_i.				Number of Wells 1					lydrocarbon	S. Inc. Section 3 Van	
									V CLAS	The state of the s	otorage	
1		s		1:	NA					AFRE		
			Variable and the second		_ease Na	me		- Ton 100 11	Well Num	ber 1000		
	CA	SING AND TU	BING RECORD	AFTER P	LUGGING	3		MET	HOD OF EMPL	ACEMENT O	F CEMENT PI	LUGS
	WT (LB/FT)	TO BE PUT I	N WELL (FT)	TO BE L	EFT IN W	ELL (FT)	HOLE SIZI	<b>□</b> ✓ TI	ne Balance Me	thod		
	9.11-EST.	0		820			5	r	ne Dump Baile	er Method		
5.6est	13.70-EST.	0		35			6.75	TI	ne Two-Plug M	lethod		
								0	ther			
					_		1		T		T =======	
Cine of Un			ABANDON DA			PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
		oing or Drill Pi	III Be Placed (i	ncne		825	-					
		Used (each pl				31.4	1	+				
		imped (cu. ft.)				40.3						
-	Top of Plug					5						
Measured '	Top of Plug (i	if tagged ft.)				5	1(					
Slurry Wt.	(Lb./Gal.)					15.6						
Type Ceme	ent or Other N	Material (Class	III)			V						
	LIS	ST ALL OPEN H	OLE AND/OR	PERFORA	TED INTE	ERVALS AN	D INTERVAL	S WHERE CA	SING WILL BE	VARIED (if a	iny)	
	From			То				From			То	
825			5									
Estimated	Cost to Dive	Welle										
\$13,715	Cost to Plug	wells										
attac	chments and rmation is tru	that, based or ie, accurate, a	w that I have p n my inquiry of nd complete. ment. (Ref. 40	those inc	examine dividuals e that the	immediate	amiliar with ly responsil	ble for obtain	ng the inform	ation, I belie	eve that the	
Name and	Official Title	(Please type of	or print)		Sign	nature					Date Signed	
			d Technical S	ervices	<	7	) (	-4-	_		09/07	-12012



HALEY& ALDRICH

CURIS RESOURCES (ARIZONA) INC. FLORENCE, ARIZONA

456S COREHOLE DIAGRAM



								O	MB No. 2040	0042 Ap	proval Expire	s 11/30/2014			
₽E	PA					ashington	, DC 20	460	-0. <del>-</del> 7/						
AP Ben			PLU	JGGI	NG AN	D AB	AND	MNO	ENT PL	AN					
	d Address of F						Name a	nd Addr	ess of Owne	r/Operator					
Floren 1575 V	ce Copper Pro V Hunt Hwy,	ject Florence Aria	zona 85132				Curis Resources (Arizona) Inc 1575 W Hunt Hwy, Florence, Arizona 85132								
(4)	cate Well and C	N. 411 11 . 14		-	State						Permit Number				
1000000	tion Plat - 640				Arizona	1		P	inal		AZ39	6000001			
		N				Location I									
	1 1 1	1:			SE 1/4	1/4 of <u>SE</u> 1/4 of <u>NW</u> 1/4 of <u>SW</u> 1/4 of <u>Section 28</u> Township <u>4S</u> Range <u>9E</u>									
w -	+		Locate well in two directions from nearest lines of Surface  Location 1170 ft. frm (N/S) N Line of quarter section 1190 ft. from (E/W) W Line of quarter section TYPE OF AUTHORIZATION						ection						
_	<b>ֈ</b> _Ļͺֈ.	_	<u> </u>		(membra)	a Permit	a tinit			CLA					
					Rul	31 6220				pone	Brine Dispos	al			
	$T^-\Gamma^-T^-$				Number	r of Wells	1			□ 6	nhanced Re	covery			
-	<del>    -   -   -   -   -   -   -   -</del>				Number	r of Wells	_		and the same	lydrocarbon	Storage				
	1 1 1									V CLA					
		S			Lease Na	me NA				Well Num	mber 459S				
	CA	SING AND TU	BING RECOR	D AFTER	PLUGGING	3			METH	OD OF EMPL	ACEMENT O	F CEMENT PI	_ugs		
SIZE	WT (LB/FT)	TO BE PUT I	N WELL (FT)	то ве	LEFT IN W	ELL (FT)	HOL	E SIZE	✓ The	Balance Me	thod				
5.6est	est   13.70-EST   0     35						6.5			Dump Baile					
									The	Two-Plug N	lethod				
							-		U Ott	ner					
	CEMENTING	TO PLUG AND	ADANDON D	ATA:		PLUG #	4 DI	UG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
Size of H	lole or Pipe in			MACONIC.		5	PL PL	UG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #		
	Bottom of Tub					NA									
	Cement To Be		Carried Control			50.8							1		
Slurry Vo	olume To Be Pu	ımped (cu. ft.)				65.2									
	ed Top of Plug					5									
	d Top of Plug (i	f tagged ft.)				5									
	t. (Lb./Gal.) nent or Other N	Interial /Class	IIIN			15.6 V	-#-						-		
туре сег				DEDEO	ATED INT	-	ND INTE	DVALC	MILLEDE CAS	INC WILL BE	WARIED //f a				
	From	T ALL OPEN H	TOLE AND/OR	To	Marchine Artest	ERVALS A	NDINIE	RVALS	From	ING WILL BE	VARIED (II a	To			
483	110111		5						110111						
			1												
\$13,71	d Cost to Plug 5	Wells													
							111172	_							
						Certific	ation								
att inf	ertify under the achments and ormation is tru ssibliity of fine	that, based or e, accurate, a	n my inquiry on nd complete.	f those	individuals	immedia	tely res	ponsible	for obtaining	g the inform	ation, I belie	ve that the			

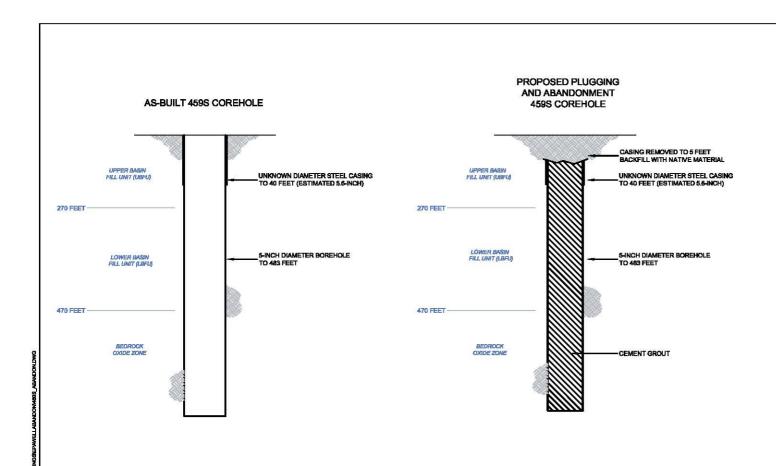
Signature

Date Signed

09/07/2012

Name and Official Title (Please type or print)

Dan Johnson, VP Environment and Technical Services

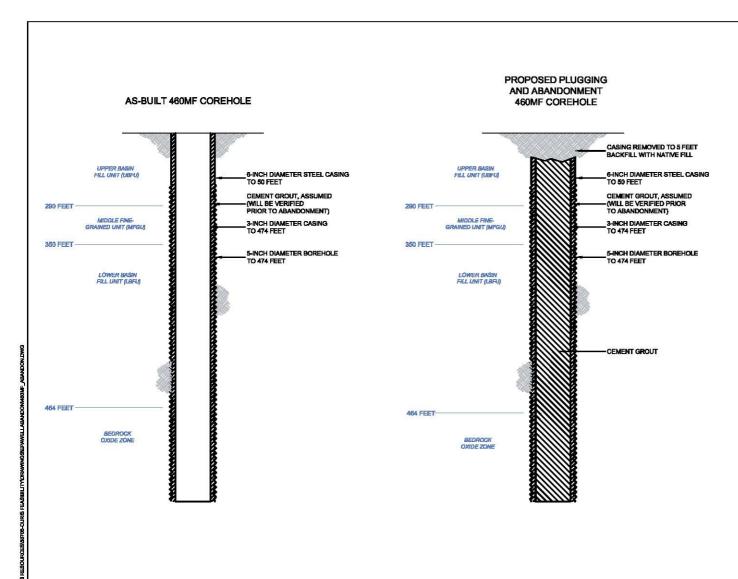




459S COREHOLE DIAGRAM



₽E	PA		PLU		Wa	ashington	ANDO	)	Agency ENT PL	AN					
Floren	nd Address of F ice Copper Pro W Hunt Hwy,	oject					Name and Curis Re	Addr	ess of Owne	r/Operator	na 85132				
	cate Well and C				State Arizona	9		1 1777	ounty inal		1 1 million transfer	Number 6000001			
Se	ction Plat - 640	Acres		-	I programme	12.1	Description	J. Jan			7 12300	0000001			
		N II I I							SW 1/4 of	Section 28	Township	4S Range	9E		
	<del></del>	-    -    -			Surface Location	1190 ft. fr	rm (N/S) S	Lii	nearest line ne of quarter of quarter se	section	section and	l drilling unit			
w	S  CASING AND TUBING RECORD AFTER					☐ Individual Permit ☐ Area Permit ☐ Rule Number of Wells 1				CLASS II  Brine Disposal  Enhanced Recovery  Hydrocarbon Storage					
		S			Lease Na	nne NA				Well Num	nber 460MF				
	CA	ASING AND TUE	BING RECORE	AFTER F	LUGGIN	G			METH	OD OF EMPL	ACEMENT O	F CEMENT PL	LUGS		
SIZE	WT (LB/FT)	TO BE PUT IN	N WELL (FT)		EFT IN W	/ELL (FT)	HOLES	SIZE	✓ The	Balance Me	thod				
3	9.11-EST	0	469				5			Dump Baile					
6	13.70	0		45			7.88		Ott	Two-Plug N	Method				
										iei					
	CEMENTING	3 TO PLUG AND	ABANDON DA	ATA:		PLUG #	H PLUG	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
	tole or Pipe in		March Program	inche		3									
	Bottom of Tub Cement To Be					18		-		-					
	olume To Be Pu		<b>19)</b>			23.02	-				-	h	-		
	ed Top of Plug					5									
Measure	d Top of Plug (	if tagged ft.)				5									
Slurry W	/t. (Lb./Gal.)					15.6									
Type Ce	ment or Other N	Material (Class	III)			V									
	LIS	ST ALL OPEN H	OLE AND/OR	PERFORA	ATED INTE	ERVALS A	ND INTERV	/ALS	WHERE CAS	ING WILL BE	VARIED (if a	iny)			
	From			То					From			То			
474			5												
-								-							
Estimate \$13,71	ed Cost to Plug 5	Wells													
ati ini po	ertify under the tachments and formation is tru ssibliity of fine	that, based on ie, accurate, an and imprisoni	my inquiry on nd complete. ment. (Ref. 4	f those in I am awa	examine idividuals re that the 4.32)	s immedia nere are si	familiar w tely respon	nsible	for obtaining	g the inform	ation, I belie	eve that the including the			
The same of the same of	d Official Title		and the same of th		Sign	nature	- (		10			Date Signed			
Dan Jo	hnson, VP En	vironment and	l Technical S	services		7	-5	-	the			09/07	-12012		



HALEY& CURIS RESOURCES (ARIZONA) INC.
ALDRICH
FLORENCE, ARIZONA

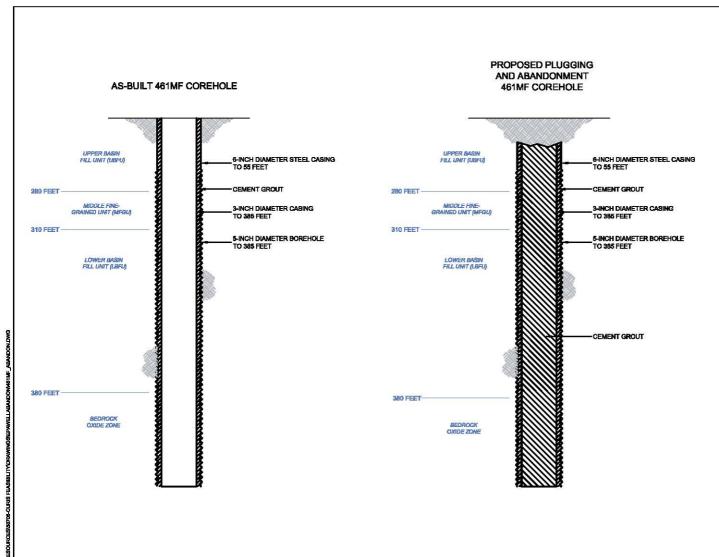
460MF COREHOLE DIAGRAM



**\$EPA** 

United States Environmental Protection Agency Washington, DC 20460

W.E.	FA		PLU	GGING	ANI	O ABA	NDON	IMI	ENT PL	AN					
Name an	d Address of F	acility					Name and A	Addr	ess of Owne	r/Operator					
	ce Copper Pro V Hunt Hwy,	oject Florence Ariz	ona 85132						es (Arizona Hwy, Flore	a) Inc ence, Arizor	na 85132				
	ate Well and C	Outline Unit on Acres		10/20/2	ate Arizona		*		ounty inal		The second second second	Number 6000001			
				St	ırface Lo	rface Location Description									
	1 1 1	N I		N	E 1/4 o	NE 1/4	of SW 1/4	of S	SW 1/4 of	Section 28	Township	4S Range	9E		
	+	-    -    -	- <del> </del> -   - <del> </del> -   - <del> </del> -	Su	Locate well in two directions from nearest lines of quarter sectionsurface  Location 1180 ft. frm (N/S) S Line of quarter section and 1260 ft. from (E/W) W Line of quarter section.  TYPE OF AUTHORIZATION										
w	+++	<del>-                                    </del>	<del></del>	r	-			ATIO	N			ACTIVITY			
				I I	-	idual Per	mit			CLA					
	1 1 1		1	L	✓ Area					CLA					
-	+-,-+	+-	-+-	1 1							Brine Dispos Inhanced Re				
	ユニレユ.	L		1	Number	of Wells	1				innanced ke lydrocarbon				
	1 1 1									V CLA		Storage			
_	1 1 1	S				NA				TROUBLE CASCIONS	Day 157, 37, 47, 11				
					ase Nan	ne		_		and desired the second	ber 461MF				
	ORC.	SING AND TUE	5000 000 000	CONTRACTOR CONTRACTOR					0 /			F CEMENT P	LUGS		
SIZE	WT (LB/FT)	TO BE PUT II	WELL (FT)	TO BE LEI	FT IN WE	LL (FT)	HOLE SI	ZE	✓ The	Balance Me	thod				
6	13.70-EST	0		50			7.88	_	The	Dump Baile	er Method				
3	9.11-EST.	0		380			5		The	Two-Plug N	lethod				
									Oth	ner					
					_										
	- COMMENCE OF COMME	TO PLUG AND				PLUG #1	PLUG	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
	20-200 Received Avenue 4-000 Co. 2016	which Plug Wi		nche:		3	4	-			-	-	-		
		oing or Drill Pip Used (each plu			_	385		-			-	-	-		
	lume To Be Pi		19)			18.7	-	-					+		
	d Top of Plug				-	5	+						<del> </del>		
	Top of Plug (					5									
	t. (Lb./Gal.)					15.6		T							
		Material (Class	III)		_	V	1								
	LIS	ST ALL OPEN H	OLE AND/OR	PERFORATI			ND INTERV	ALS	WHERE CAS	ING WILL BE	VARIED (if a	iny)			
	From			То	100 8 100			-	From		No.	To			
385			5			11									
Estimate	d Cost to Plug	Wells													
\$13,71	5														
		e penalty of lav			xamined		familiar wit								
inf	ormation is tru	that, based on ie, accurate, ar and imprison	nd complete.	I am aware	that the										
Name and	d Official Title	(Please type o	or print)		Signa	ature			1			Date Signed			
Dan Joh	nnson, VP En	vironment and	l Technical S	ervices		2	_	L	_			Falso	12012		



HALEY CURIS RESOURCES (ARIZONA) INC. FLORENCE, ARIZONA
461MF COREHOLE DIAGRAM

HDICURIS SCALE: NOT TO SCALE AUGUST 2012

<b>⊕</b> E	PA		PLU		w	ashington	ntal Protection , DC 20460 ANDONM		AN						
Name a	nd Address of F	acility			20.20.200 20.200.00		Name and Addr	ess of Owne	r/Operator						
	ice Copper Pro W Hunt Hwy,		zona 85132				Curis Resources (Arizona) Inc 1575 W Hunt Hwy, Florence, Arizona 85132								
	cate Well and C		n		State Arizon:	a		ounty 'inal			Number 6000001				
	CHOILL INC.	N			Surface	Location D	Description	2011-231							
	7 7 7	1			NE 1/4	of <u>NE</u> 1/4	of <u>SW</u> 1/4 of	SW 1/4 of	Section 28	Township	4S Range	9E			
	++ ++	- -	     		Locate well in two directions from nearest lines of quarter section and drilling unit Surface  Location 1190 ft. frm (N/S) S Line of quarter section and 1060 ft. from (E/W) W Line of quarter section.										
w	E Ind					ividual Pe a Permit e r of Wells		N	WELL ACTIVITY  CLASS I  CLASS II  Brine Disposal  Enhanced Recovery  Hydrocarbon Storage						
		S			Lease Na	MA NA			Well Num	oer 462MF					
	CA	ASING AND TU	BING RECORI	AFTER	RPLUGGIN	G		метн	OD OF EMPL		A Committee of the Comm	LUGS			
SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN WELL (							HOLE SIZE	✓ The	e Balance Me	thod					
3	9.11-EST.	0		489			5			ailer Method					
6	13.70-EST.	0		60			7.88	The	e Two-Plug N ner	lethod					
						-			·						
			D ABANDON D			PLUG#	1 PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #			
	Hole or Pipe in Bottom of Tub			inche		3  494	-	-		-	-				
	f Cement To Be					18.7				-					
	olume To Be Pi					24									
Calculat	ed Top of Plug	(ft.)				5									
Measure	d Top of Plug (	if tagged ft.)				5									
	/t. (Lb./Gal.)					15.6									
Гуре Се	ment or Other I	Material (Class	s III)			V									
		ST ALL OPEN	HOLE AND/OR			ERVALS A	ND INTERVALS	THE RESERVE OF THE PARTY OF THE	ING WILL BE	VARIED (if a					
102-1	From			To	•	- 1		From			То				
494			5	_											
-															
										_					
Stimate	ed Cost to Plug	Wells	41						- 1						
\$13,7	15														

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)	)

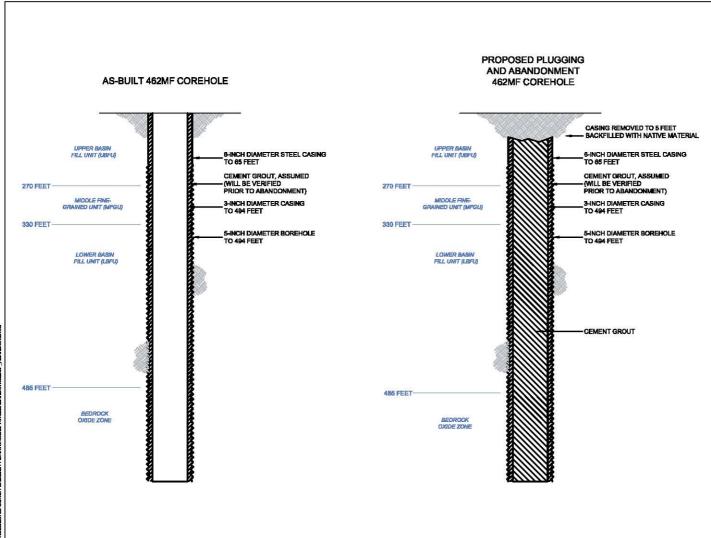
Dan Johnson, VP Environment and Technical Services

Signature

nature

Date Signed

09/07/2012



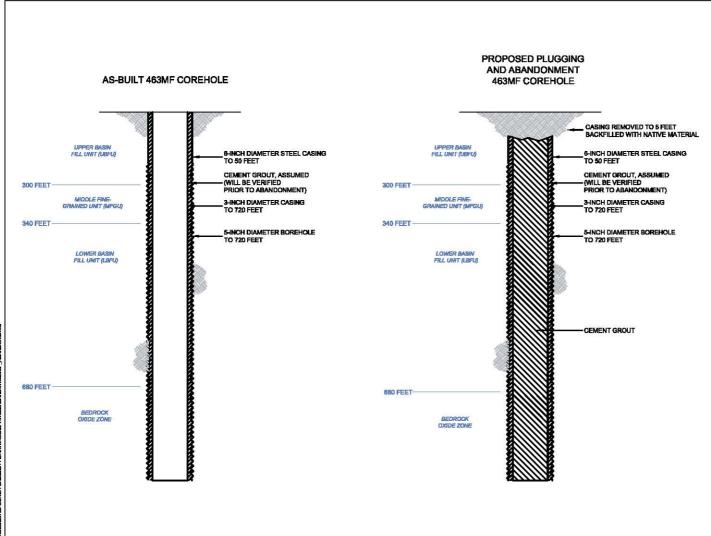


≎EPA _	Uni			ntal Protection , DC 20460	n Agency							
P	LUGG	NG AN	D AB	ANDONN	IENT PL	AN						
Name and Address of Facility				Name and Add	iress of Owne	r/Operator						
Florence Copper Project 1575 W Hunt Hwy, Florence Arizona 8513	32			Curis Resources (Arizona) Inc 1575 W Hunt Hwy, Florence, Arizona 85132								
Locate Well and Outline Unit on		State		County Permit Number								
Section Plat - 640 Acres	_	Arizona	1 (0.000									
N				Description	partition of	- Variables	-	esserv	1227			
	7	NW 1/4	N 1/4 of NE 1/4 of SW 1/4 of SW 1/4 of Section 28 Township 4S Range 9E									
├─ <b>┼</b> ─├─ <b>┼─┠</b>		Locate w	ell in two	directions fro	m nearest line	es of quarter	section and	drilling unit				
		Surface										
		A STATE OF THE PARTY OF THE PAR		m (N/S) S L								
		and 850		E/W) W_Line		ction.						
w	E	☐ made		AUTHORIZATI	ON			ACTIVITY				
			ividual Per a Permit	rmit		CLA						
		Rul	11.00.000.000				Brine Dispos	al				
				1		-	nhanced Re					
		Number	r of Wells	1			lydrocarbon	Storage				
	J					V CLA	LASS III					
S		Lease Na	me NA			Well Num	ber 463MF					
CASING AND TUBING REC	ORD AFTE	R PLUGGING	G		METH	And the second particular and	The second second second	F CEMENT P	LUGS			
SIZE WT (LB/FT) TO BE PUT IN WELL (F	т) тов	E LEFT IN W	/ELL (FT)	HOLE SIZE	✓ Th	Balance Me	thod					
3 9.11-EST. 0	100				☐ Th	Dump Baile	er Method					
6 13.70-EST. 0	. 0 45				☐ Th	Two-Plug N	lethod					
	_				Oti	ner						
CENENTING TO BUILD AND ADAMS	UDITA:	_	DI UO #	1 1 1110 40	DI 110 40	DI 110 #4	DI IIO ME	B1 110 #6	DI IIO			
CEMENTING TO PLUG AND ABANDO Size of Hole or Pipe in which Plug Will Be Plac			PLUG#	1 PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG			
Depth to Bottom of Tubing or Drill Pipe (ft	ea (mane		720									
Sacks of Cement To Be Used (each plug)			27.4	11								
Slurry Volume To Be Pumped (cu. ft.)			35.10									
Calculated Top of Plug (ft.)			5									
Measured Top of Plug (if tagged ft.)			5									
Slurry Wt. (Lb./Gal.)			15.6									
Type Cement or Other Material (Class III)			V									
LIST ALL OPEN HOLE AND	OR PERFO		ERVALS A	ND INTERVAL	From	ING WILL BE	VARIED (IT a	To To				
720   5		-	11		7.7.00			.,,				
			11									
Stimated Cost to Plug Wells \$13,715												
			0									
			Certific	ation								
I certify under the penalty of law that I ha	ve persona	lly examine	d and am	familiar with t	he information	submitted	in this docum	nent and all				

Dan Johnson, VP Environment and Technical Services

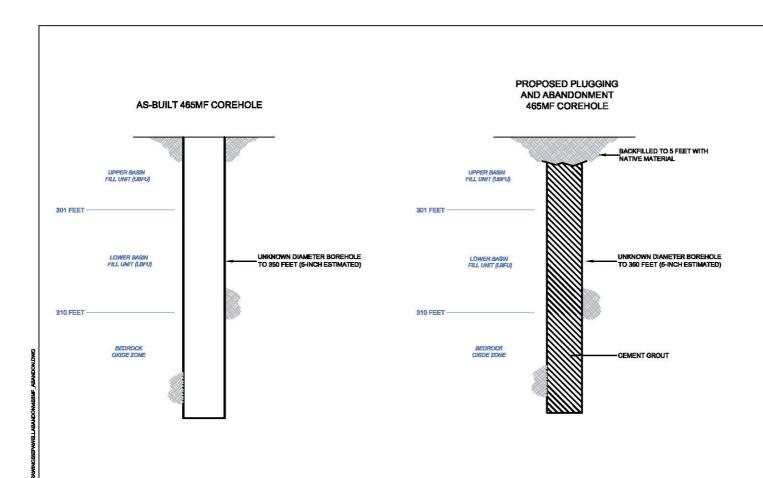
Signature

Date Signed





₽E	PA		DI I		Wa	ashington,			A N I						
			PLU	JGGING	AN			MENT PL							
Florer	nd Address of F nce Copper Pro W Hunt Hwy,	ject	zona 85132				Curis Reso	ldress of Own urces (Arizon int Hwy, Flor	a) Inc	na 85132					
2923.00	cate Well and C			(7424	ate crizona			County Pinal		Permit Number AZ396000001					
Se	ction Plat - 640	Acres		15.60		ocation De	scription	15.41.000		1 2200	000001				
_		N		500.00	TOTAL PROPERTY.		SOMOWINE MERIOD SAFE	of SW 1/4 of	Section 28	Township	4S Range	9E			
	++- ++-	-		Su	rface cation	1010 ft. frm ft. from (E/	n (N/S) <u>S</u> W) <u>W</u> Lin	Line of quarte	r section		e e e e e e e e e e e e e e e e e e e				
w	+++	+++	E	_ l _	7	TYPE OF A	UTHORIZAT	ION	☐ CLA		ACTIVITY				
-	<u> </u>	!	_   _	1 5	-	viduai Peri a Permit	nit		CLA						
				1 1	Rule					Brine Dispos	al				
	+		-+-							nhanced Re					
l	+			,	Number of Wells 1					lydrocarbon	Storage				
L		الللل							V CLA	SS III					
		S		Le	Lease Name NA				Well Num	ber 465MF	į.				
	CA	SING AND TU	BING RECORE	AFTER PLU	R PLUGGING			METH	METHOD OF EMPLACEMENT OF CEMENT PLUGS						
SIZE	WT (LB/FT)	TO BE PUT I	N WELL (FT)	TO BE LEF	LEFT IN WELL (FT) HOLE SIZE			E Z Th	✓ The Balance Method						
NA	NA	NA		NA			NA		e Dump Baile						
									e Two-Plug N						
								ot	her						
					_		_	4	1		1	T			
01 6		TO PLUG AND				PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7			
	Hole or Pipe in Bottom of Tub			inche:		5-EST NA	-	4							
	f Cement To Be					36.7									
	olume To Be Pu		-07			47	1								
Calculat	ed Top of Plug	(ft.)				5		Til							
Measure	ed Top of Plug (	if tagged ft.)				5									
	Vt. (Lb./Gal.)					15.6									
Type Ce	ment or Other M	Material (Class	III)			V									
		T ALL OPEN H	OLE AND/OR		ED INTE	RVALS AN	D INTERVAL	NAME OF TAXABLE PARTY.	SING WILL BE	VARIED (if a					
250	From		6	То		7 7 7		From			То				
350			5			-									
1		-	+												
Estimate \$13,7	ed Cost to Plug 15	Wells					,								
					(	Certifica	tion								
at in	certify under the tachments and formation is tru ossibliity of fine	that, based on le, accurate, ar	my inquiry o	f those indiv	xamine viduals that the	d and am fa immediate	amiliar with ly responsi	ble for obtaini	ng the inform	ation, I belie	eve that the	,			
Name ar	nd Official Title	(Please type o	or print)		Sign	nature					Date Signed	l			
Dan Jo	hnson, VP En	vironment and	d Technical S	Services	and allering										





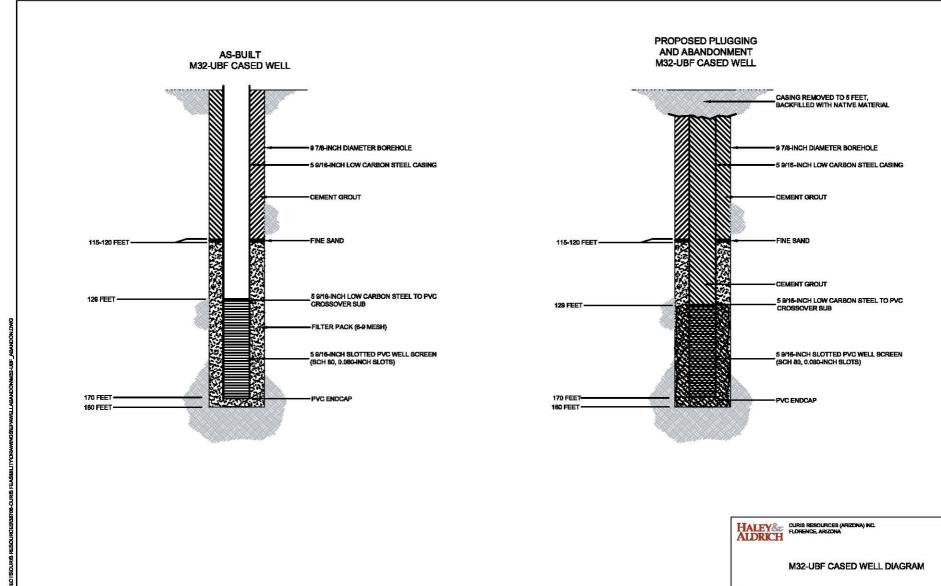
465MF COREHOLE DIAGRAM



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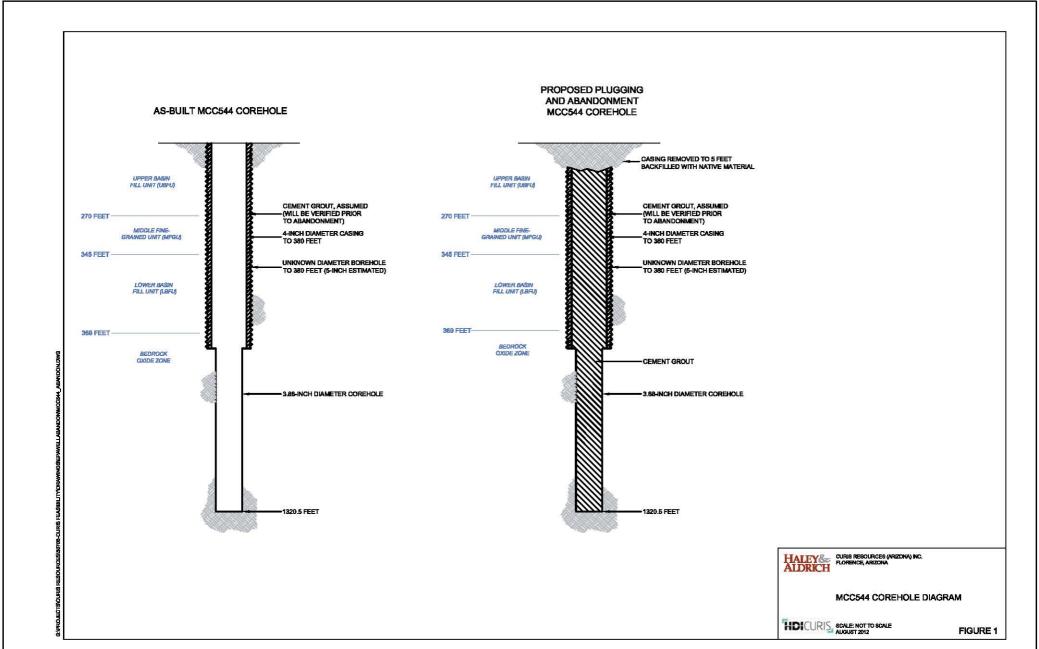
United States Environmental Protection Agency Washington, DC 20460

<b>⊗EPA</b>	PLU	GGING A	ND AB	ANDO	NM	ENT PL	AN			
Name and Address of Facility						ress of Owne	Secretary of the second			
Florence Copper Project 1575 W Hunt Hwy, Florence Ariz	ona 85132					ces (Arizon t Hwy, Flore		na 85132		
Locate Well and Outline Unit on Section Plat - 640 Acres		State Arizo	ona		100	ounty 'inal		\$10000 BEAUTIFUL TO BEAUTIFUL T	Number 6000001	
N		Surfac	e Location (	Descriptio	n					
		NE 1	/4 of <u>SE</u> 1/4	4 of <u>NE</u>	1/4 of	SE 1/4 of	Section 28	Township	4S Range	9E
	- † - - † - - † -	Surface Location	Locate well in two directions from nearest lines of quarter section and drilling unit Surface   Location $\frac{720}{1}$ ft, frm (N/S) N Line of quarter section and $\frac{310}{1}$ ft. from (E/W) E Line of quarter section.							
				AUTHOR				WELL	ACTIVITY	
W	E	□ Ir	ndividual Pe	rmit			CLAS	SS I		
<b>│</b> ├─┼─├─┼─ <b>┟</b> ─┼─├		VIA	rea Permit				CLAS	SS II		
	1 1	□ R	tule				Пе	rine Dispos	al	
		1					-	nhanced Re		
<del>                                    </del>		Numi	ber of Wells	1			Account to	lydrocarbon		
1   1   1	1						Annual Control	The second second	Storage	
s		Lease	Name NA	✓ CLASS III  Well Number M32-UBF						
CASING AND TUE	SING RECORD				_	METH			F CEMENT P	LUGS
SIZE WT (LB/FT) TO BE PUT II	WELL /ET\	TO BE LEFT IN	WELL (ET)	HOLE	SIZE			14777		
5.6   15-EST.   0	, , , , ,	165	******	6	OIL.L		Balance Me			
3.6 13-E31. U		103		0			Dump Baile			
						- H	Two-Plug N	lethod		
				-		Oth	er			
CEMENTING TO PLUG AND	ARANDON DA	TA	PLUG #	n Divi	G #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Wil			5.6	FLO	G #2	FLUG #3	FLUG #4	FE00 #5	FL00 #0	FEGG W/
Depth to Bottom of Tubing or Drill Pig		iiciie.	180	-					-	
Sacks of Cement To Be Used (each plu			22.0	-	_					-
Slurry Volume To Be Pumped (cu. ft.)	-5/		28.2							
Calculated Top of Plug (ft.)			5							
Measured Top of Plug (if tagged ft.)			5		-					
Slurry Wt. (Lb./Gal.)			15.6							
Type Cement or Other Material (Class	III)		V				1			
LIST ALL OPEN H		PERFORATED IN		ND INTER	VALS	WHERE CAS	ING WILL BE	VARIED (if a	ny)	
From		То	I I			From	I	*************	To	
170	129-PERFO		1			110,000	1		1.5	
129	5-BLANK	A 10 A 10 A0								
	O BEHILL									
							7			
Estimated Cost to Plug Wells	-									
\$13,715										
I certify under the penalty of law attachments and that, based on information is true, accurate, an possibliity of fine and imprison	my inquiry of d complete.	those individual am aware that	als immedia	familiar v tely respo	nsible	for obtaining	g the inform	ation, I belie	ve that the	
attachments and that, based on information is true, accurate, an	my inquiry of d complete. ment. (Ref. 40	those individual I am aware that CFR 144.32)	ned and am als immedia	familiar v tely respo	nsible	for obtaining	g the inform	ation, I belie	ve that the	



HDICURIS, SCALE: NOT TO SCALE

€E	PA		PLU		Wa	ashington	ntal Protecti , DC 20460 ANDON	on Agency MENT F	PLAN				
Floren	nd Address of F nce Copper Pro W Hunt Hwy,	oject	zona 85132				Curis Reso	ources (Ariz	vner/Operator ona) Inc orence, Arizo	ona 85132			
Lo	cate Well and C	Outline Unit on	1		State			County		100000000000000000000000000000000000000	Number		
	ction Plat - 640		×		Arizona			Pinal		AZ39	06000001		
		N			and the same of th		Description	OVY				OF	
					SE 1/4	of <u>SE</u> 1/4	4 of <u>NW</u> 1/4	of <u>SW</u> 1/4 o	f Section 28	Township	4S Range	9E	
w	+		E		Surface Location and 1170	1180 ft. fr. ft. from (E TYPE OF ividual Per	m (N/S) N E/W) W Lie AUTHORIZA	Line of qua	rter section section.	WELL ACTIVITY ASS I ASS II Brine Disposal Enhanced Recovery Hydrocarbon Storage			
-	+				Number	r of Wells	1						
_		s			Lease Na	NA				mber MCC5	44		
	C/	ASING AND TUI	BING RECORI	D AFTER		0727.		ME	THOD OF EMP			LUGS	
SIZE	WT (LB/FT)	TO BE PUT I			LEFT IN W		HOLE SIZ				n oement	2000	
4	10.79-EST.	0		375			5 EST		The Balance M The Dump Bai				
	10110 13011			010			LST. REST. R.		The Dump Bar The Two-Plug				
									Other	in cuito d			
										17211			
	CEMENTING	G TO PLUG AND	ABANDON DA	ATA:		PLUG #	5	2 PLUG #	3 PLUG #4	PLUG #5	PLUG #6	PLUG #7	
The state of the state of	lole or Pipe in		A CONTRACTOR OF THE PARTY OF TH	inche		3.88	4						
	Bottom of Tub Cement To Be					NA 60.2	380 25.5	_		-			
	olume To Be Pu					77.22	32.72	-					
	ed Top of Plug	, ,				380	5		-				
	d Top of Plug (					380	5	1	1				
Slurry W	/t. (Lb./Gal.)					15.6	15.6						
Type Ce	ment or Other N	Material (Class	III)			V	V						
	LIS	ST ALL OPEN H	IOLE AND/OR	PERFOR	ATED INTE	ERVALS A	ND INTERVA	LS WHERE C	ASING WILL B	E VARIED (if	any)		
	From			То				From			То		
1320.5			380										
380			5										
				-									
Estimate \$13,71	ed Cost to Plug	Wells					1100						
att inf po	ertify under the tachments and formation is tru ossibliity of fine ad Official Title	that, based on ie, accurate, ar and imprison	n my inquiry on nd complete. ment. (Ref. 4	f those in	y examine ndividuals are that the	immediat	familiar with	ible for obta	ining the infor	mation, I beli	eve that the		
Dan Jo	hnson, VP Env	vironment and	d Technical S	Services		7	2	ll_			09/07	12012	

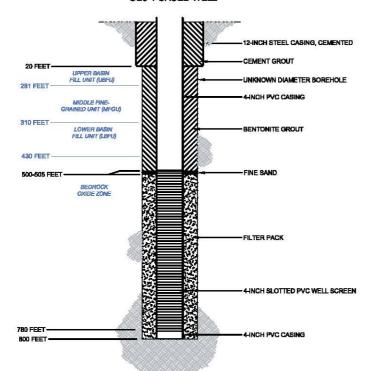


**ŞEPA** 

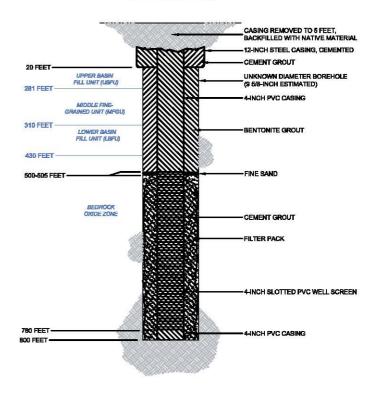
United States Environmental Protection Agency Washington, DC 20460

₩.E	FA		PLU	GGII	NG AN	D ABA	NDO	NM	ENT PL	AN						
	d Address of F					I	lame and	Addr	ess of Owne	r/Operator						
	ce Copper Pro V Hunt Hwy,		rizona 85132						ces (Arizona Hwy, Flore	a) Inc ence, Arizon	na 85132					
	cate Well and C		on		State Arizona	1	County   Permit Number     Pinal   AZ396000001									
		N			Surface I	Location D	escription	1	0.0001111111111111111111111111111111111	10-111						
	T T T	<del>"</del>	T		NW 1/4	/4 of <u>SW</u> 1/4 of <u>NE</u> 1/4 of <u>SW</u> 1/4 of <u>Section</u> 28 Township 4S Range 9E										
	++ ++	- - <del> </del> - - - <del> </del> - - - <del> </del>  -	-		Surface Location	pocate well in two directions from nearest lines of quarter section and drufface occation $\frac{940}{1}$ ft. frm (N/S) $\frac{N}{E}$ Line of quarter section and $\frac{1280}{1}$ ft. from (E/W) $\frac{E}{E}$ Line of quarter section.										
w			<del>↓ ↓</del> E			TYPE OF	AUTHORIZ	OITA	N		WELL A	ACTIVITY				
-		Comment	ividual Per a Permit	mit			CLAS	SS II		*						
	† 	-  <del> </del>			Numbe	e r of Wells	1			☐ E	rine Dispos nhanced Re ydrocarbon	covery				
	1 1 1					15.5				V CLAS	SS III					
		S			Lease Na	me NA				Well Numb	oer OB3-1					
	CA	SING AND T	UBING RECORD	AFTER	PLUGGING	G			METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS			
SIZE	WT (LB/FT)	TO BE PUT	IN WELL (FT)	то ве	LEFT IN W	ELL (FT)	HOLE S	IZE	✓ The	Balance Me	e Method					
4	2.78-EST.	0		795	- 11 11 M-S		UNK	r Method								
12	41.45-EST.	0		15			UNK		The	Two-Plug M	lethod					
									Oth	ier						
						L p. 110 #4	- n		D1 110 #0	01.110.414	DI 110 #5	T DI HO HO	PLUG #7			
Size of h	POLICE STATE OF THE STATE OF TH		ND ABANDON DA Will Be Placed (i	7,121,735		PLUG #1	PLUG	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7			
2-0-1-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-	Bottom of Tuk	Compensation of the section of	A STATE OF THE STA			800										
Sacks of	Cement To Be	Used (each p	plug)			54.1										
Slurry V	olume To Be Pu	ımped (cu. ft	.)			69.4										
	ed Top of Plug					5										
	d Top of Plug (	if tagged ft.)				5	4						-			
	t. (Lb./Gal.) ment or Other N	Interial (CI	re IIIV			15.6	-						-			
Type Cel				nene-	ATER	V	D Water	141.0	WILLEDE CAS	INC MILL DE	WARIED III					
	From	I ALL OPEN	HOLE AND/OR	PERFOR	saction and management	ERVALS AN	IN IN LEK	ALS	From	ING WILL BE	VARIED (If 8	To				
800	riviii		780-BLAN			11		-								
780			500-PERF	100	ED.			-								
500			5-BLANK													
\$13,71	d Cost to Plug 5	Wells				Camble	71									
att inf	achments and ormation is tru	that, based one, accurate,	aw that I have p on my inquiry o and complete. onment. (Ref. 4	f those I am aw	ly examine individuals are that th	immediate	amiliar w	nsible	for obtaining	g the inform	ation, I belie	eve that the	1			
Name an	d Official Title	(Please type	or print)		Sign	nature	/	/				Date Signed				
Dan Jo	hnson, VP En	vironment a	nd Technical S	ervices		2	)	-	L	_		09/07	12012			
								#								

# AS-BUILT OB3-1 CASED WELL



### PROPOSED PLUGGING AND ABANDONMENT OB3-1 CASED WELL



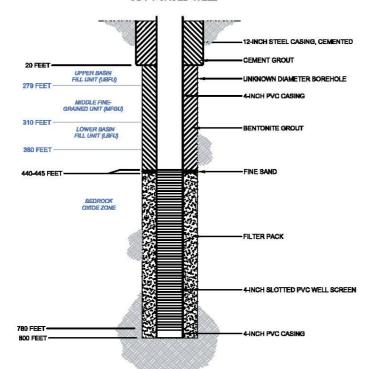


**OB3-1 CASED WELL DIAGRAM** 

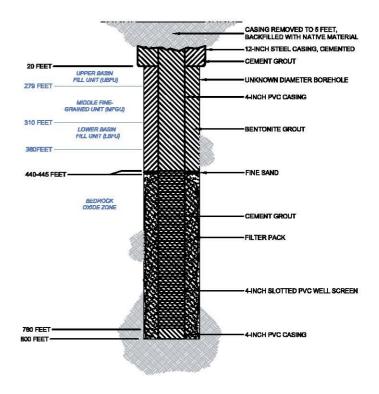


Name and Address of Peality   Florence Copper Project   1575 W Hum Hwy, Florence Arizona 85132	θE	PA		PLU		W	ashington,		n Agency //ENT PL	.AN				
Section Plat - 648 Acres  N  N  N  N  N  N  N  N  N  N  N  N  N	Florence	ce Copper Pro	oject	ona 85132				Curis Resou	rces (Arizon	a) Inc	na 85132			
Section Plat - 640 Acres  N  N  Surface Location Description  NE 1/4 of NE 1/4 of SW 1/4 of SW 1/4 of Section 28 Township 4S Rangs 9E  Locate well in two directions from nearest lines of quarter section and drilling unit Surface  Location 1/70 ft. frm (N/S) S Line of quarter section and drilling unit Surface  Location 1/70 ft. frm (N/S) S Line of quarter section  MELL ACTIVITY    Individual Permit	Loc	ate Well and	Outline Unit on	8							T (UKCHANANA)		-	
NETION OF PULIGAND ADANDON DATA:    CASING AND TUBING RECORD AFTER PLUGGING   Name of Puligan					. 1				Pinal		AZ39	6000001		
Locate well in two directions from nearest lines of quarter section and drilling unit  Surface Location   1070 ft. frm (N/S)   S. Line of quarter section.  TYPE OF AUTHORIZATION Individual Permit   CLASS II   Brino bisposal   Enhanced Recovery   Hydrocarbon Storage   CLASS II   Brino bisposal   Enhanced Recovery   The Balance Method   The Two-Plug Method   The Two-Plug Method   The Two-Plug Method   The Two-Plug Method   Other   The Two-Plug Method   The Two-Plug Method   Other   The Two-Plug Method   The Two-Plug Method   Other   The Two-Plug Method   The Two-Plug Meth			N		100			STANDOG PROMOVED	www.	122		PT 27-1	Lam I	
Surface Location 1070 it. frm (N/S) S. Line of quarter section and 1260 it. from (EW) W. Line of quarter section.  TYPE OF AUTHORIZATION   Individual Permit   CLASS II		1 1 1			1	NE 1/4	of <u>NE</u> 1/4	of <u>SW</u> 1/4 of	f <u>SW</u> 1/4 of	Section 28	Township	4S Range	9E	
S  CASING AND TUBING RECORD AFTER PLUGGING  CASING AND TUBING RECORD AFTER PLUGGING  WELL (EFT) TO BE PUT IN WELL (FT) TO BE LEFT IN WELL (FT) HOLE SIZE  4 2.78-EST. 0 795 UNK  The Balance Method The Dump Baller Method The Dump Baller Method The Tow-Plug Method Other  CEMENTING TO PLUG AND ABANDON DATA: PLUG #1 PLUG #2 PLUG #3 PLUG #4 PLUG #5 PLUG #6 Depth to Bottom of Tubing or Drill Pipe (ft 800 Sacks of Cement To Be Used (each plug) Starry Volume To Be Pumped (cu. ft) Calculated Top of Plug (ft tagged ft.)  Sacks of Plug (ft tagged ft.)  LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any) From To From To  From To  To From To  Certification  I certify under the penalty of law that I have personally examined and am familiar with the information, abelieve 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 GFR 144.32)  Name and Official Title (Please type or print)  Signature  METHOD OF EMPLACEMENT OF CEMENT PLUGS  WEIN NAME OF EMPLACEMENT OF CEMENT PLUGS  WEIN NAME OF EMPLACEMENT OF CEMENT PLUGS  To The Two-Plug Method The Dump Baller Method The Dump Balle	w	+ + +		- + - - + - - + - - + - - + -	S	Location 1070 ft. frm (N/S) S Lin and 1260 ft. from (E/W) W Line o  TYPE OF AUTHORIZATION Individual Permit  Rule				CLA	WELL A SS II SS II Brine Dispos	WELL ACTIVITY  Disposal ced Recovery		
CASING AND TUBING RECORD AFTER PLUGGING  CASING AND TUBING RECORD AFTER PLUGGING  METHOD OF EMPLACEMENT OF CEMENT PLUGS  IN THE Balance Method The Dump Baller Method The Dump Baller Method The Two-Plug Method Other  CEMENTING TO PLUG AND ABANDON DATA: PLUG #1 PLUG #1 PLUG #2 PLUG #3 PLUG #8 PLUG #6 PLUG #7  Size of Hole or Pipe in which Plug Will Be Placed (inche: 4 Depth to Bottom of Tubing or Drill Pipe (ft 800 Sacks of Cement To Be Pumped (cu. ft.) Calculated Top of Plug (ft Saged ft.)  Sacks of Plug (ft Saged ft.)  LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)  From To From To From To From To 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 helieve that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, I helieve 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		1-1-1	-			Hambe	or wens			Common Co		Storage		
CASING AND TUBING RECORD AFTER PLUGGING  SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN WELL (FT) HOLE SIZE  4 2.78-EST. 0 155 UNK The Dump Baller Method  12 41.45-EST. 0 15 UNK The Two-Plug Method  Other  CEMENTING TO PLUG AND ABANDON DATA: PLUG #1 PLUG #2 PLUG #3 PLUG #4 PLUG #5 PLUG #5 PLUG #7 PLUG #	_		s		2		NA							
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CEMENTING TO PLUG AND ABANDON DATA:  PLUG #1 PLUG #2 PLUG #3 PLUG #4 PLUG #5 PLUG #6 PLUG #7  Plug #7 PLUG #7 PLUG #8	14	11.10 1.01.			10			ONK	1		lethod			
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LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS WHERE CASING WILL BE VARIED (if any)  From To From To  800   780-BLANK    780   440-PERFORATED    440   5-BLANK    Estimated Cost to Plug Wells \$13,715   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    Date Signed   Dat			Material (Class	III)			The second secon							
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				- 500	Services	1	7	5	1			09/07	12-0	

# AS-BUILT OB4-1 CASED WELL



### PROPOSED PLUGGING AND ABANDONMENT OB4-1 CASED WELL



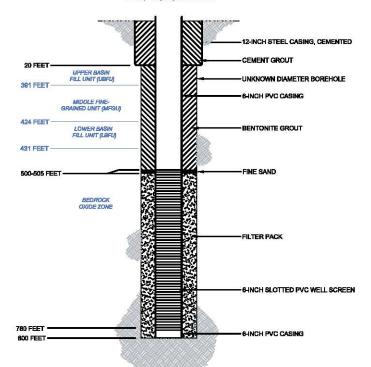


**OB4-1 CASED WELL DIAGRAM** 

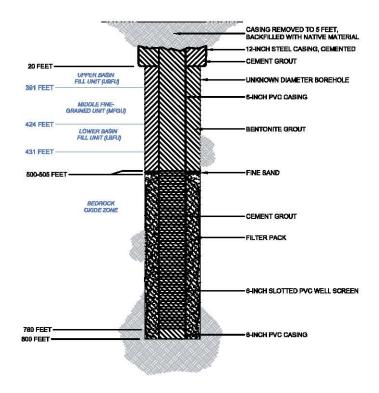


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Dan Jo	hnson, VP En	vironment and	Technical S	Services	<	7		1				09/07	-12012

### AS-BUILT PW3-1 CASED WELL



# PROPOSED PLUGGING AND ABANDONMENT PW3-1 CASED WELL





CURIS RESOURCES (ARIZONA) INC. FLORENCE, ARIZONA

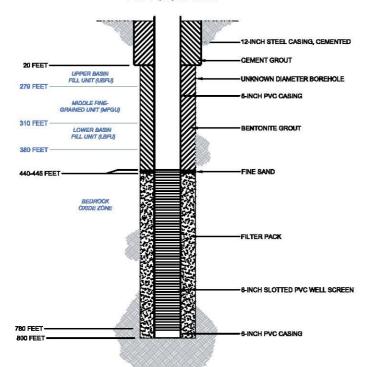
PW3-1 CASED WELL DIAGRAM

HDICURIS SCALE: NOT TO SCALE AUGUST 2012

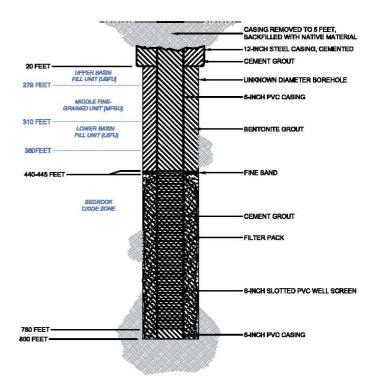
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	CA	ASING AND TUI	BING RECORE	AFTER I	PLUGGING	3			METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS	
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Dan Johnson, VP Environment and Technical Services

#### AS-BUILT PW4-1 CASED WELL



# PROPOSED PLUGGING AND ABANDONMENT PW4-1 CASED WELL





CURIS RESOURCES (ARIZONA) INC. FLORENCE, ARIZONA

PW4-1 CASED WELL DIAGRAM

HDICURIS SCALE: NOT TO SCALE AUGUST 2012

Date Signed

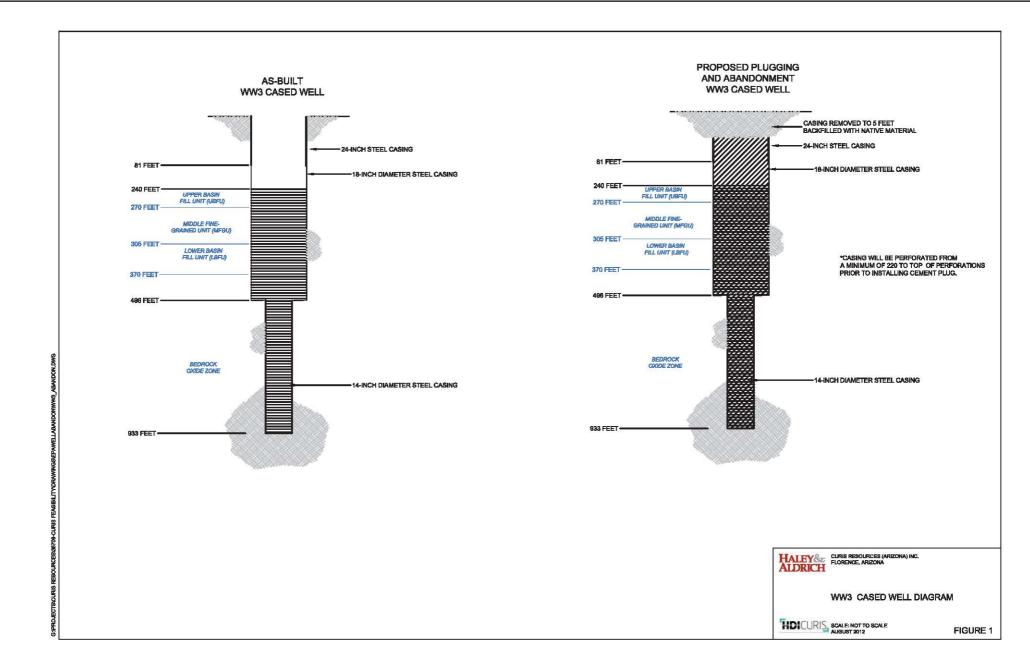
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********		1000			Surface Lo	cation [	Description							
	1 1 1	N			NW 1/4 of NW 1/4 of SE 1/4 of SW 1/4 of Section 28 Township 4S Range 9E									
-	++ ++	- -+- - -+-	L		Locate well in two directions from nearest lines of quarter section and drilling unit Surface   Location $1170$ ft, frm (N/S) $S$ Line of quarter section and $1190$ ft. from (E/W) $E$ Line of quarter section.									
w	<del> </del>	- - - - -		☐ Indiv	idual Pe Permit		TION			ss I				
_	<del></del>				Number	of Wells	1				Hydrocarbon Storage			
	! ! !									CLASS III				
		s			Lease Nam	NA NA				Well Num	ber WW3			
	CA	SING AND TU	BING RECORE	AFTER	PLUGGING			T	METH	OD OF EMPL	ACEMENT C	F CEMENT P	LUGS	
SIZE	WT (LB/FT)	TO BE PUT I	N WELL (FT)	TO BE	LEFT IN WE	LL (FT)	HOLE SIZ	E	✓ The	Balance Me	thod			
14	45-EST.	0		933			UNK			Dump Baile				
18	70-EST.	0		928			UNK			Two-Plug N				
24	80-EST.	0		76			UNK		Oth	ier				
							L,	_					-	
		TO PLUG AND				PLUG #		2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #	
_	lole or Pipe in			inche		14	18							
	Bottom of Tub					933	496							
	Cement To Be					364.4	677.9							
3	olume To Be Pu	Secretary of Audit Control				467.2				_	7			
	ed Top of Plug					496	5	-			-			
	d Top of Plug ( /t. (Lb./Gal.)	ir tagged it.)				496	15.6	-			-	-	-	
Carallatine and	ment or Other N	Asterial /Class	III)			15.6 V	V						-	
Турс ос		T ALL OPEN F		DEDEOD				ev	WHERE CAS	NG WILL BE	VARIED (If	, , , , , , , , , , , , , , , , , , ,		
	From	OT ALL OF ENT	TOLE AND/OR	To	ATED INTER	VALSA	ND INTERVAL	_	From	ING WILL BE	VARIED (II	To		
933	11011		496-PERF		D 14"					1		1.9		
496			240-PERF					-						
240			5-BLANK											
Estimate	d Cost to Plug	Wells	1											
\$13,71	5													
								_			_			
					C	ertific	ation							
att	ertify under the achments and		n my inquiry o	f those in	ndividuals i	mmediat	tely responsi	ble	for obtainin	g the inform	ation, I beli	eve that the		

Signature

Name and Official Title (Please type or print)

Dan Johnson, VP Environment and Technical Services



**ŞEPA** 

United States Environmental Protection Agency Washington, DC 20460

<b>◇</b> □	FA		PLl	JGGIN	G AN	D AB	41	NDONN	IENT PL	AN					
Name an	d Address of F	acility					Nar	me and Add	Iress of Owne	/Operator					
	ce Copper Pro		05122						rces (Arizona		0.74.00				
15/5 V	V Hunt Hwy, l	Florence Arizo	ona 85132				15	5/5 W Hur	nt Hwy, Flore	nce, Arızor	na 85132				
Loc	ate Well and C	Outline Unit on		The state of the s	State Arizona				County			Number			
Sec	tion Plat - 640 A	Acres		L	Arizona										
		N		_					CXXI	20	¬ .	40	OF		
				<u>  [r</u>	NE1/4 c	of <u>SW</u> 1/4	4 of	<u>NE</u> 1/4 of	SW 1/4 of	Section 28	Township	4S_ Range	9E_		
	<u> </u>	- <del> -  </del> -	- + -	L	Locate well in two directions from nearest lines of quarter section and drilling unit										
		▗▐ ▃▐▃╶ <del>┤</del> ╶─├		s	Surface										
		_ <b> </b>	i		Location 785 ft. frm (N/S) N Line of quarter section										
	<u> </u>		- <del></del>	а	and $700$ ft. from (E/W) E Line of quarter section.										
w	+ + +	+++	E	:	┌			JTHORIZATI	ON			ACTIVITY			
	<u> </u>	_	_		✓ Area	vidual Pe	rmı	ıt		CLAS					
					Rule						Brine Disposi	al			
	<u> </u>		- + -				1				nhanced Re				
-	<u> </u>	_			Number	of Wells	1			□ н	lydrocarbon	Storage			
										CLA:	SS III				
		S		L	.ease Nai	me NA				Well Num	ber DM-B				
	CA	SING AND TUE	ING RECOR						METH	OD OF EMPL	ACEMENT O	F CEMENT PI	LUGS		
SIZE	WT (LB/FT)	TO BE PUT IN	WELL (FT)	TO BE LE	EFT IN W	ELL (FT)	П	HOLE SIZE	METHOD OF EMPLACEMENT OF CEMENT PLUGS  The Balance Method						
5	unknown	0		611		· ,	ι	ınknown	<b>ਜ਼</b> \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Dump Baile					
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									Oth	•					
		TO PLUG AND				PLUG #	1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
	lole or Pipe in			(inche:		5		4							
	Bottom of Tub					611	_	700							
	Cement To Be olume To Be Pu	<u> </u>	9)			65 83	_	7.8							
_	ed Top of Plug					0	=	611							
	d Top of Plug (					unk	Ħ	unk							
Slurry W	t. (Lb./Gal.)					15.6		15.6							
Type Cer	ment or Other N	laterial (Class	II)			V		V							
	LIS	T ALL OPEN H	OLE AND/OF	R PERFORA	TED INTE	RVALS A	ND	INTERVAL	S WHERE CAS	ING WILL BE	VARIED (if a	ny)			
	From			То					From			То			
UNKO	WN														
							<u> </u>								
Estimate	d Cost to Plug	Wells													
\$13,71															
att inf	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 possibliity of fine and imprisonment. (Ref. 40 CFR 144.32)														
Name an	d Official Title	(Please type o	r print)		Sigr	nature						Date Signed			
Dan Jo	hnson, VP En	vironment and	Technical	Services		2	>	ا ا	John State of the	_		10/01/2014	1		

