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FLORENCE COPPER, INC. 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 PTF 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. <u>Equalization of Wellbore Fluids</u>: 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.

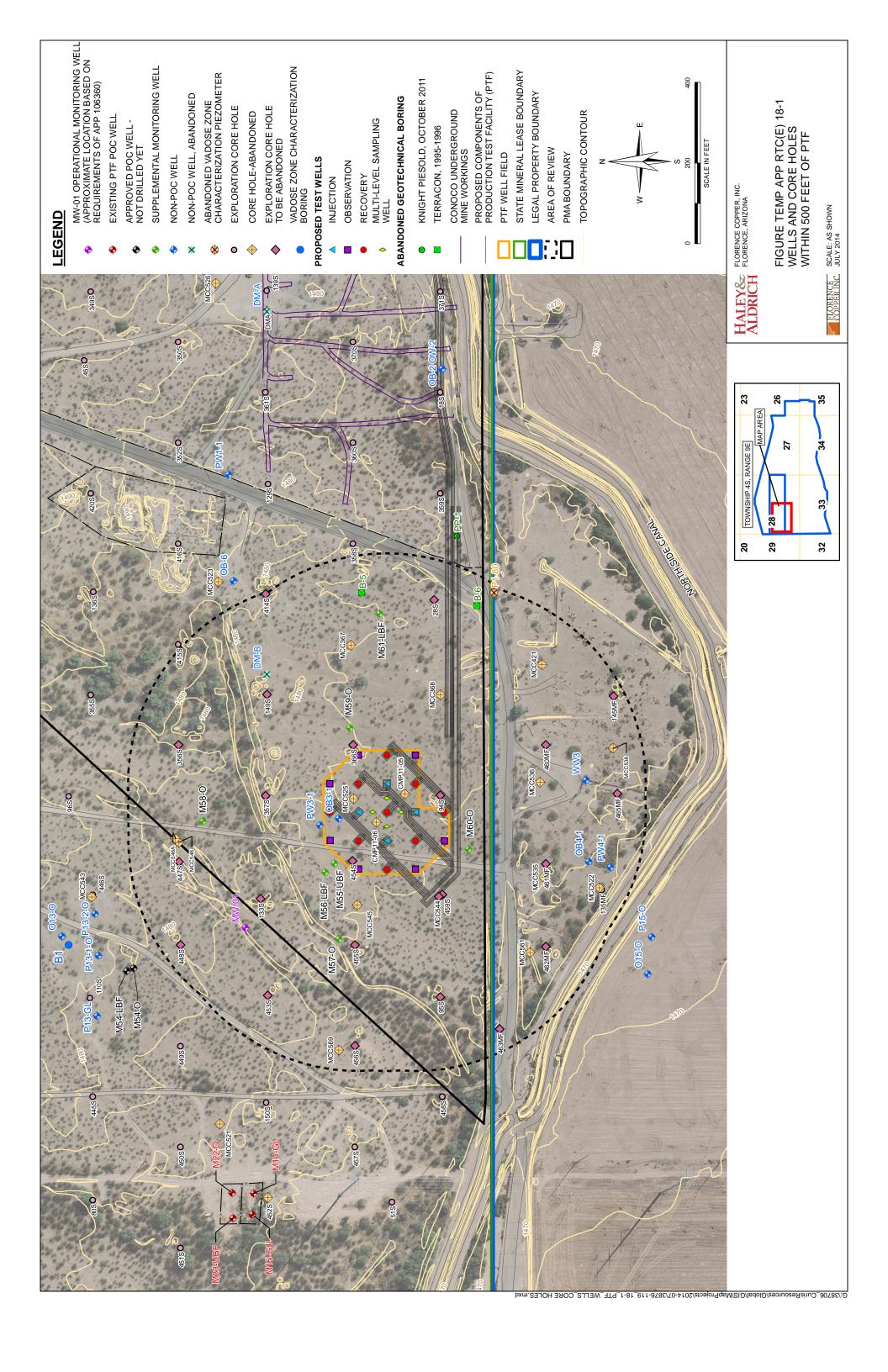
Q.4.4 Reports to ADEQ

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.



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

FLORENCE COPPER, INC.
APPLICATION FOR UNDERGROUND INJECTION PERMIT
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		Comments																					Records indicate depth of 494,	ing in inden makin						Rod stuck, blasted and pulled as much as possible prior to grouting									Obstruction at 620' during	арапдоптеп.				
																							Records in	וובות ומֹר						Rod stuck, much as po									Obstruc	Ti di				
		Geologic Log Available		Yes	>	SO-	S N	No.	Yes	Yes	Yes	Yes	Yes	Yes	S > 0	λ γ	Yes	Yes	Yes	Yes	>	Yes A	- F	No S	oN So	Yes																		
		e Drilller's Log Available		Yes	Yes	Yes	Yes	No	Yes	30/	3 >	S S	Nac V	Yes	8. Q	Yes	Yes	Yes	Yes	3 8	2 S	9 8	N	N	No	S	o N	ON SN	No S	No S	0N :													
	,,	Approximate Volume (Gallons)																											1175	265	NR	900	750	750	920	920	920	700	450	1100	0011	300	1050 ND	¥ :
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		Abandonment Material																											Type V Cement	Type V Cement	Type V Cement	Type V Cement	Type V Cement	Type V Cement	Type V Cement	Type V Cement	Type V Cement	Type V Cement	Tyne V Coment	Type V Cernent	Type V Cernent	Type V Cement	Type V Cement	Native Material
		Diameter of Core Hole		NX (2.97")	NR	NX (2.97")	NR	NX (2.97")	NX (2.97")			-										- GN	NX (2.97")	HX (3.88")	PQ(4.38")	PO(4.38")	NX (2.97")	NX (2.97")	NY (2 07")	NX (2.97")	("Z0 C) AN	NX (2.97.)	NX (2.97)	NX (2.97")	NX (2.97")									
	_	Cement Seal (Feet)		0-240	0-376	0-400	0-601	NR	NR	NR	NR	0-380	0-280	NR	0-750	0-870	NR	NR	0-825	NR	W.	NR NR	QN	N QN	N N	N ON	N N	W W	NA	¥.	NR	NR 0-353	NP	Y W	. W	NR	N.	NR	dN	N N	N C	¥ §	XX	
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		Diameter of Surface Casing (Inches)		5.5	5.5	2	2	NR	9.6	9.6	9.6	2.6	NA	9.6	NR	NR	9.6	9.6	NR	NR	9	9	7	9	o W	Y		NR	7	7	9.6	5.6	S:S	NR NR	NR	NR	NR	NR	QN.	NR NR	N N	¥ 5	XX.	
		Diameter of Surface Borehole (Inches)		6.25	6.25	6.25	6.25	NR	9:9	9:9	9:9	9:9	6.5	6.5	6.75	9.75	9.5	7.875	6.75	6.5	7.875	7.875	320 2	7 875	0.0.7 NR	AN AN	N N	W.	8	∞	6.5	6.5	G:S	¥ &	W.	æ	K	NR	Ą	AN AN	¥ §	¥	NR 4.43E	0.025
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		Surface Elevation (Feet)		1475.50	1472.20	1473.00	1477.30	1475.20	1478.00	1476.85	1476.40	1477.50	1479.46	1476.90	1477.08	1475.47	1475.20	1473.55	1473.21	1474.03	1472.44	1472.07	63 1471	1471 55	06.1741	1475.00	1472.70	1473.70	1474.30	1475.00	1475.73	1475.20	146600	1476.00	1471.80	1472.20	1472.10	1474.00	00 2271	1477.10	1477.10	1477.10	1473.10	14/8.00
		Northing		746444.8163	745598.3783	745570.0709	746428.5092	746014.3235	746648.2579	746431.7566	746215.2575	746431.7618	746648.24	746646.8176	746642.8776	746426.8763	746216.8169	746210.3773	746210.3747	745993.8786	745737.9446	745737.9416	745727 0202	745851 9123	745560 8806	745000 5686	745999.1883	746002.8159	746085.3165	746156.0257	746220.8225	745998.7585	7/15/14/30/2	746213 8186	745743.1913	745752.1312	745570.3192	746204.4409	746645 6306	746653 8179	740033.0179	747.050.0347	746250.6247	746193.8241
		Easting		847479.9895	847502.6923	847981.8852	847985.9324	848220.5673	847860.4898	847735.4921	847860.4974	-	_	_	847365.1096		847574.0571	847365.1175	847115.1148	847490.1224	847860.5059	+	2027092	847157 0501	+	+	+	+	847737.9655			847985.5026		847728 0587	847533.19	847768.8796	847852.3215	847464.4934	847618 2000	04/010.2999 847627 8622	04/02/.0022	84/34/.25	\dashv	848238.0643
:	General Information	Status			Existing	Existing					Existing	Existing					Existing	Existing	Existing	Existing			Evicting	\dagger	Existing			1	Abandoned	Abandoned		Abandoned				1	\dagger			Abandoned	Abandoned			Abandoned
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		ADWR Number					NA					NA		NA								NA	VIV			VA V			55-220509 E			55-539336 E					L						247	AN ::
		Location	COREHOLES	133S	135MF	145MF	149S	28S	356S	357S	3998	414S	415S	447S	448S	453S	454S	455S	456S	459S	460MF	461MF	JMC7V	463MF	465MF	3/0	958	MCC544	CMP11-05	CMP11-06	MCC367	MCC368	MCC522	MCC525	MCC535	MCC536	MCC538	MCC545	MCC546	MCC546A	MCC540A	MCC561	MCC569	B-5

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FLORENCE COPPER, INC.
APPLICATION FOR UNDERGROUND INJECTION PERMIT
REVISED SEPTEMBER 2014

			General Information	ion								Construction Details	ails						Well A	Well Abandonment Details	ails			
	TO About IN CINICA	ř	9.44		1	Surface Elevation	Total Depth	Diameter of Surface	Diameter of Surface Casing	Depth of Surface Casing	Diameter of Well	Diameter of Well Borehole	Depth of Borehole	Depth of Well		Sement Seal G	Bentonite Sand Grout Seal Filter Pad	Sand Bentonite Sand Cement Seal Grout Seal Filter Pack Abandonment		Bottom Depth Upper Dep	Approximate Approximate Driller's Log Log Log	ate Driller's L	Geologic -og Log	4
WELLS	VELLS	edk1	Status	Edstilly	Norming	(Leet)	(Leel)	(miches)		(Leel)	casing (inches)	(IIICHES)	(reel)		lillerval (Feet)		(reet) (reet)			eel) (reel)	Callons	Availab	e Avallable	Comments
OB3-1	55-542056	Monitoring Well	Existing	847679.2174	746250.8381	1475.78	800	NR	12	20	4	NR	800	800	500-780	0-50	20-500 50	200-800				No	No	
OB4-1	55-542055	Monitoring Well	Existing	847572.0773	745631.1264	1471.78	800	NR	12	20	4	NR	800	800	440-780	0-20	20-440 44	440-800				No	No	
PW3-1	55-542056	Test Well	Existing	847662.6065	746297.518	1475.50	800	NR	12	20	9	NR	800	800	500-780	0-20	20-500 50	200-800				No	No	
PW4-1	55-542055	Test Well	Existing	847558.7182	745577.6161	1471.80	800	NR	12	20	9	NR	800	800	440-780	0-20	20-440 44	440-800				No	No	
WW3	55-627608	Irrigation Well	Existing	847774.1494	745638.1085	1470.00	938	NR	24	81	18	18, 14	938	496, 933	240-933	NR		NR				Yes	No	
DM-B	55-806521	Non-POC Well	Abandoned	848035.958	746428.5319	1477.30	700	NR	NR	NR	None Found	5	700	617	NR	NR		NR Unkno	Unknown	Unknown	n Unknown	No	No	

^{* =} 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

	The state of			Unit			ntal Protection	Agency				
€E	PA		PLU	IGGI		ashington,	NDONN	IENT PL	AN			
Name ar	nd Address of F	acility	100.00		21/2/2 2/17. 3/2/2		Name and Add	ress of Owne	r/Operator			
	ce Copper Pro W Hunt Hwy,		rizona 85132				Curis Resou 1575 W Hur			na 85132		
Lo	cate Well and C	Outline Unit	on		State		1 5	County		gorth components	Number	
Sec	ction Plat - 640	Acres			Arizona			Pinal		AZ39	6000001	
		N			4	Location D	of NE 1/4 of	CW	2 20	14	10 0	OF
					We a	00000	A CK D		X	A Carter St.	1 N 1281 5 TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	+	- - -	 		Surface Location	1200 ft. fr	directions from $(N/S) \frac{N}{E}$ Line	ine of quarte	section	section and	drilling unit	
w			E		✓ Are	ividual Per a Permit		ON	☐ E	SS I	covery	
					11.00.00111.000				V CLA		Storage	
_		s			Lease Na	NA NA			Well Num	28S		
	CA	SING AND T	UBING RECORE	AFTER	PLUGGIN	G		METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS
SIZE	WT (LB/FT)	TO BE PUT	T IN WELL (FT)	то ве	LEFT IN W	/ELL (FT)	HOLE SIZE	☑ Th	Balance Me	thod		
N/A	N/A	NA		NA			N/A		e Dump Baile o Two-Plug N ner			
	OFMENTAL	TO DI UG A	ND ADAMDON D			I pulle #	DI 110 40	DI IIO 40	PLUG #4	PLUG #5	PLUG #6	PLUG #
Size of I			ND ABANDON DA Will Be Placed (COVERNO DE LOS COMOS		PLUG #*	5.74	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG A
	Bottom of Tuk			mone		NA	NA NA					
	Cement To Be	-	Constitution of the Consti			59.2	90.4					
Slurry V	olume To Be Pu	ımped (cu. f	t.)			75.9	115.9					
Calculat	ed Top of Plug	(ft.)				650-ES	NAME OF TAXABLE PARTY.					
	d Top of Plug (if tagged ft.)				650-ES						
	/t. (Lb./Gal.)					15.6	15.6					-
Type Ce	ment or Other N					V	V					
		T ALL OPEN	HOLE AND/OR	12.1345-277-2-2.	A CONTROL OF STREET	ERVALS A	ND INTERVALS		ING WILL BE	VARIED (if a		
2227	From		650	To		3 7		From			То	
650-est	·		650-estima	nea								
030-68	imateu		5									
\$13,71	ed Cost to Plug 5	Wells										
						Certific	ation					

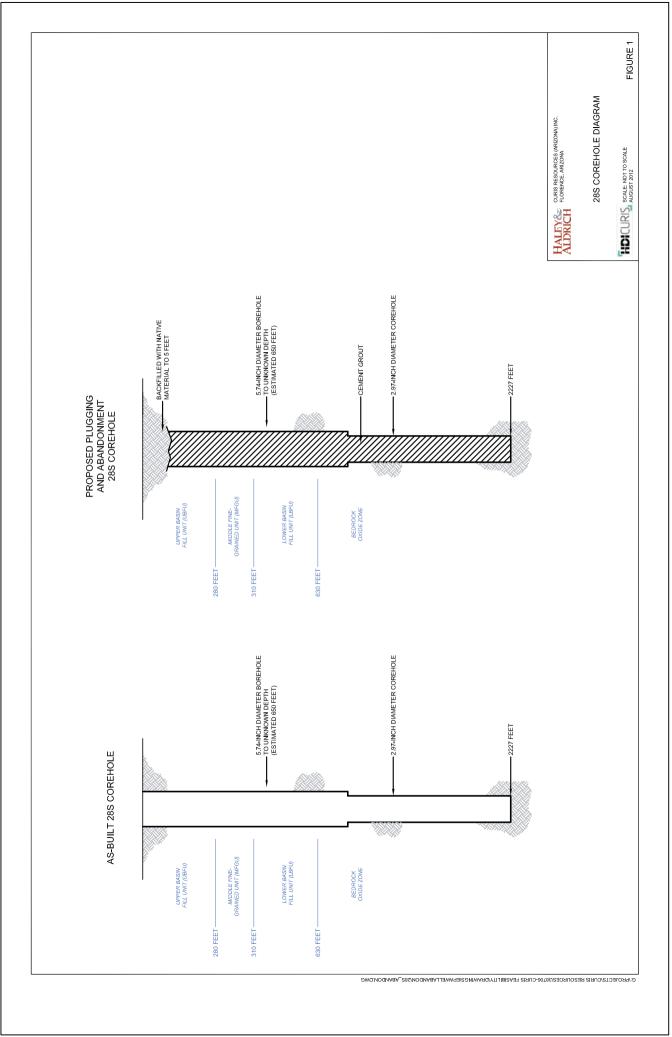
possibliity of fine and imprisonment. (Ref. 40 CFR 144.32)

lame	and	Official	Title	(Please	type or print)	- 0

Signature

Dan Johnson, VP Environment and Technical Services

Date Signed



⊕ E	PA		PLU		Wa	ashington,	ntal Protection DC 20460 NDONM		AN			
Name a	nd Address of F	acility					Name and Add	ress of Owne	r/Operator			
	ice Copper Pro W Hunt Hwy, I		zona 85132				Curis Resour 1575 W Hun			na 85132		
	cate Well and C		n		State Arizona	1	1 100	ounty Pinal		BOARD SAN	Number 6000001	
200000		N	-		Surface I	ocation D	escription	DEPOSITA ANTONIO	Disease and		I form the street of	
Г	1 1 1	î.			NE 1/4	of <u>NE</u> 1/4	of <u>NE</u> 1/4 of	SE 1/4 of	Section 28	Township	4S Range	9E
	++- ++-	- - - - - -	- - - - - - - -		Surface Location	170 ft. fr	directions from m (N/S) N Li E/W) E Line	ne of quarter of quarter se	section		100	
w			E		Area	vidual Per a Permit		ON .	☐ E	SS I SS II Brine Dispos Inhanced Re Iydrocarbon	covery	
		s			Lease Na	NA			Well Numi	500		
	CA	SING AND TU	BING RECORD	AFTER				МЕТН			F CEMENT P	LUGS
SIZE	WT (LB/FT)		IN WELL (FT)		LEFT IN W	11	HOLE SIZE	-				
NA	NA	NA		NA			NA	-	e Balance Me e Dump Baile			
									Two-Plug M			
	CEMENTING	TO PLUG AN	D ABANDON DA	ATA:		PLUG #	1 PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #
ALTERNATION DE LA CONTRACTOR DE LA CONTR	Hole or Pipe in v			inche:		2.97 est	1 Marie					
	Bottom of Tub f Cement To Be					NA 40.6	NA 35.6					-
	olume To Be Pu					52.01	45.68					
	ed Top of Plug					340	5					
Measure	d Top of Plug (i	f tagged ft.)				340	5					
	Vt. (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		
1000 ±101	From		10.10	То				From			То	
1421			340	_	_							
340			5								-	
						10						
stimate	ed Cost to Plug	Wells										
\$13,71	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)

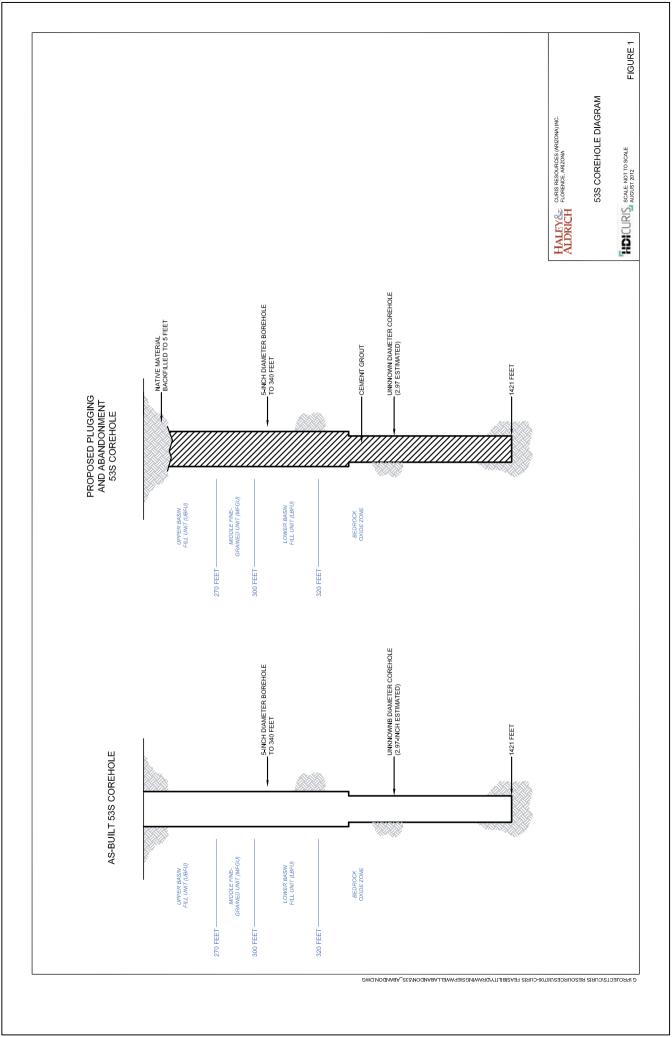
Name and Official Title	(Please type or print)

Dan Johnson, VP Environment and Technical Services

Signature

Date Signed

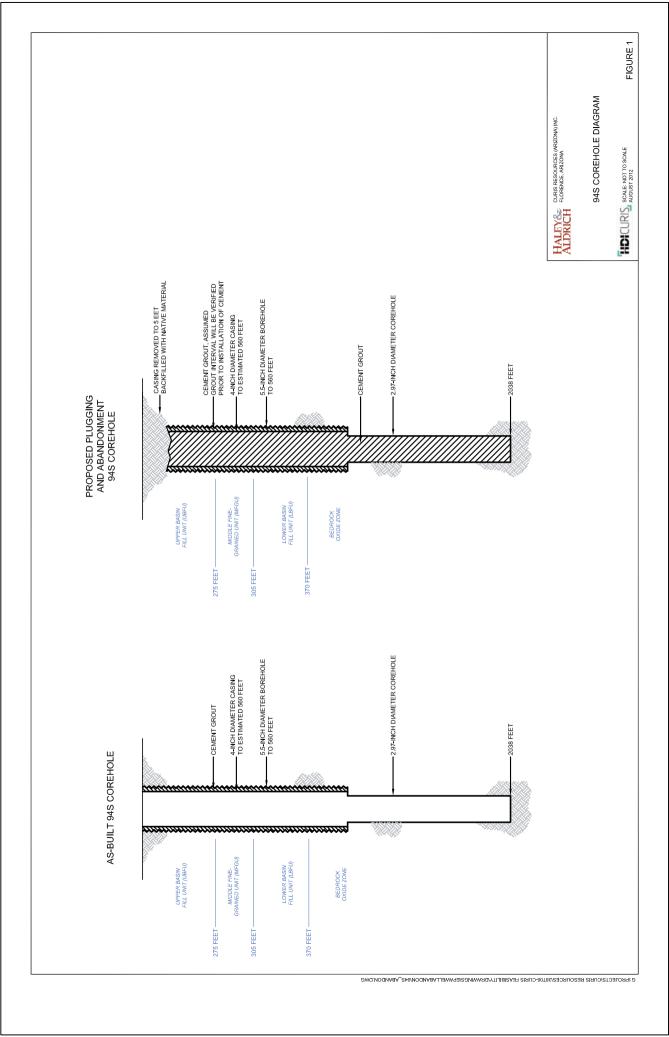
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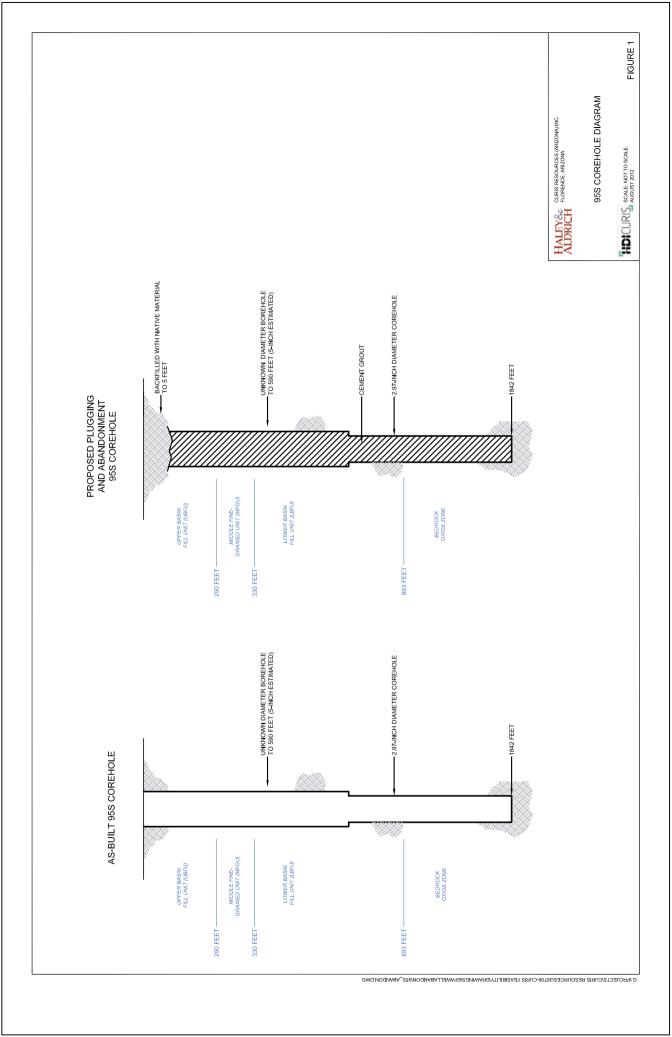
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United States Environmental Protection Agency Washington, DC 20460

₩.E	PA		PLU	GGING AN	ID AB		IME	ENT PL	AN			
	nd Address of F					Name and	Addre	ss of Owne	r/Operator			
Floren 1575 V	ce Copper Pro W Hunt Hwy,	oject Florence Ariz	ona 85132					es (Arizona Hwy, Flore	a) Inc ence, Arizoi	ıa 85132		
	cate Well and C			State Arizon	a			unty nal		processors continued and a	Number 6000001	*
		N		Surface	Location [escription						
	гтт	i —		SW 1/4	of SW 1/4	of <u>NE</u> 1/4	of S	SW 1/4 of	Section 28	Township	4S Range	9E
-	++·	-		Surface Location	1200 ft. fr 0 ft. from (I	m (N/S) <u>N</u> E/W) <u>E</u> L	_ Lin	ie of quarter f quarter se	section		drilling unit	
w	+++			I		AUTHORIZA	ATION	4			ACTIVITY	
	ユ _L」.			Common Co	lividual Pe a Permit	rmit			CLA			
	1 1. 1			Ru						ss II Brine Dispos	-1	
_	4-1-4	- -+-	-+-			-			posses,	nhanced Re		
_	<u> </u>	!	_ _	Numbe	er of Wells	1			Almost .	lydrocarbon		
	1 1 1								V CLA	CARL CONTRACTOR OF THE PROPERTY OF THE PARTY	otoraga	
-		s		Lease Na	NA NA				Well Num	046		
	CA	SING AND TU	BING RECORD	AFTER PLUGGIN	G			METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS
SIZE	WT (LB/FT)	TO BE PUT I	N WELL (FT)	TO BE LEFT IN V	VELL (FT)	HOLE SI	ZE	[Z] =t	Balance Me			
4	10.79-EST.	0	, , , , , , , , , , , , , , , , , , , ,	555 est	(,	5 est			e Balance Me e Dump Baile			
	10110 2011			1000 050					Two-Plug N			
								Oth		ietilod		
	CEMENTING	TO PLUG AND	ABANDON DA	TA:	PLUG #	1 PLUG	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of H	lole or Pipe in	which Plug Wi	II Be Placed (i	nche:	2.97est	3 est						
Depth to	Bottom of Tub	ing or Drill Pi	pe (ft		NA	560 es	t					
Sacks of	Cement To Be	Used (each plu	ug)		55.5	21.2						
Slurry V	olume To Be Pu	ımped (cu. ft.)			71.11	27.24						
	ed Top of Plug				560 est	5						7
	d Top of Plug (i	if tagged ft.)			560 est	5						
	/t. (Lb./Gal.)				15.6	15.6						
Type Ce	ment or Other N				V	V						
		T ALL OPEN H	OLE AND/OR	PERFORATED INT	ERVALS A	ND INTERV			ING WILL BE	VARIED (if a		
2020	From		560 cst	То	- 1		'	From			То	
2038 560 est			560 est									
Jou est			5				10000					
							-					
Estimate	d Cost to Plug	Wells										
\$13,71	5											
					Certific	ation						
ati ini	tachments and	that, based on e, accurate, ar	my inquiry o	ersonally examine f those individuals I am aware that th 0 CFR 144.32)	s immediat	ely respon	sible	for obtaining	g the inform	ation, I belie	ve that the	
Name an	d Official Title	(Please type o	or print)	Sig	nature	/		1			Date Signed	
	hnson, VP Env		-0		7		1					1/2012
		23 (8 (8 (9 (9 (8 (8 (8 (8 (8 (8 (8 (8 (8 (8 (8 (8 (8				-					The state of the state of	

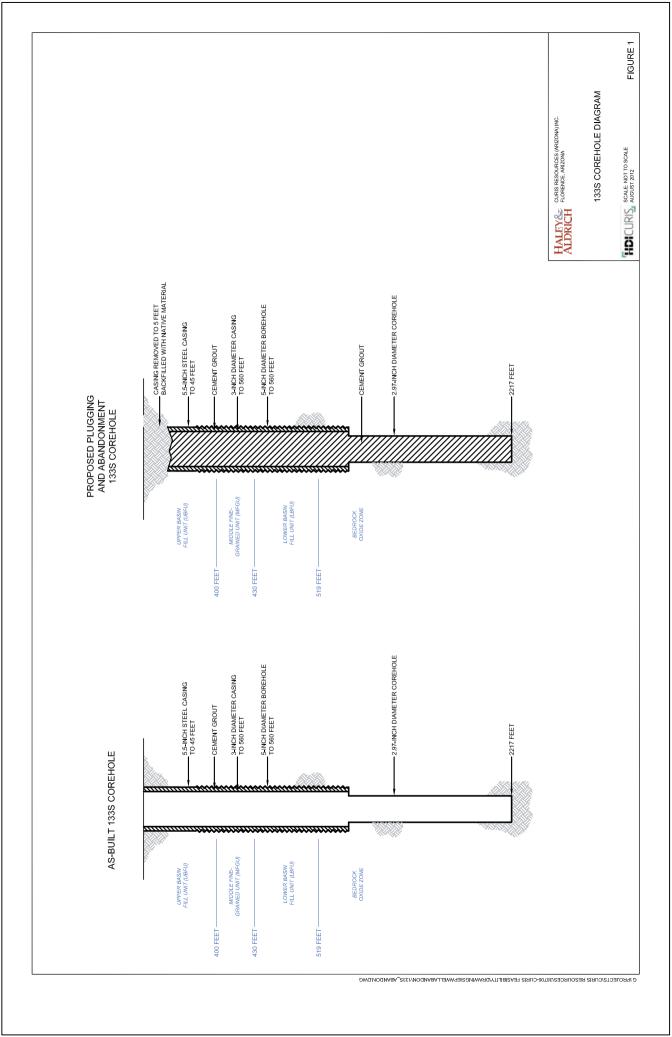


⊕ E	PA		PLU	United Sta		n, DC 20460)	202310020	.AN			
Flore	nd Address of Fa nce Copper Pro W Hunt Hwy, I	ject	zona 85132			Curis Re	sourc	ess of Owne ces (Arizon Hwy, Flor		na 85132		
	ocate Well and C		1	State Ari	zona	•	and the control	ounty inal		property to the Asset	Number 6000001	
		N		100	ace Location							
Ιг		Ť		SW	1/4 of SE 1	/4 of <u>NW</u> 1	4 of 5	SW 1/4 of	Section 28	Township	4S Range	9E
	·	- - - - - -	-	Surfa	ntion 1180 ft. 920 ft. from	frm (N/S) N (E/W) W	Lir Line o	ne of quarte	section			
w –	$\rightarrow \rightarrow \rightarrow$		E I			F AUTHORIZ	OITA	N			ACTIVITY	
			L_i_		Individual P	ermit			CLA:			
	1.11	I			Area Permit Rule				CLA:	ss II Brine Dispos	al	
	-+		-+-			12				inhanced Re		
-			<u> </u>	Nu	mber of Well	s 1				lydrocarbon		
	_								V CLA			
		s		1	NA Name				Well Num	955		
					e Name					the second second second second	e oement b	
				AFTER PLUG				METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS
SIZE	WT (LB/FT)		N WELL (FT)	TO BE LEFT	IN WELL (FT)		SIZE	✓ Th	e Balance Me	thod		
NA	NA	NA		NA		NA	-		e Dump Baile			
-						4	-	[]	Two-Plug N	lethod		
						1		U Oti	ier			
	CEMENTING	TO PLUG AND	ABANDON DA	ATA:	PLUG	#1 PLUG	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of	Hole or Pipe in v	vhich Plug W	ill Be Placed (inche:	2.97	5 est						
Depth t	o Bottom of Tub	ing or Drill Pi	pe (ft		NA	590						
	of Cement To Be				47	62.2						
-	/olume To Be Pu				60.23	79.8						
	ted Top of Plug (ed Top of Plug (i	7			590 es		-					
	Vt. (Lb./Gal.)	r tagged it.)			15.6	15.6						
	ement or Other M	laterial (Class	III)		V V	V	-					
	LIS	T ALL OPEN H	IOLE AND/OR	PERFORATED			/ALS	WHERE CAS	ING WILL BE	VARIED (if a	inv)	
	From		1	То	45.1.000.000.000.000.000		No. of Contract of	From			То	
1842			590									
590			5									
Estimat	ed Cost to Plug	Welle										
\$13,7		vvens										
i i	certify under the	penalty of la	w that I have p	ersonally exa	Certifi		ith the	informatio	n submitted	in this docur	ment and all	
at in	ttachments and to formation is tru- ossibliity of fine	that, based or e, accurate, a	n my inquiry o nd complete.	f those individ I am aware th	luals immedi at there are s	ately respon	nsible	for obtaining	ng the inform	ation, I beli	eve that the	9
Name a	nd Official Title	(Please type	or print)		Signature	/		1			Date Signed	1
Dan Jo	ohnson, VP Env	ironment an	d Technical S	Services	7	\ (09/02	12-12



United States Environmental Protection Agency Washington, DC 20460

₩ EPA	PLUGGI	NG AN	D ABA	ANDON	MENT PL	.AN			
Name and Address of Facility	200 - 201 -	779, J. S. A. H. M.	1	Name and Ad	dress of Owne	r/Operator			
Florence Copper Project 1575 W Hunt Hwy, Florence Arizo	ona 85132				urces (Arizon ınt Hwy, Flor		a 85132		
Locate Well and Outline Unit on Section Plat - 640 Acres		State Arizona			County Pinal		200000000000000000000000000000000000000	Number 6000001	
N		Surface L	ocation D	escription			_		
		NE 1/4 c	of <u>SE</u> 1/4	of <u>NW</u> 1/4	of <u>SW</u> 1/4 of	Section 28	Township	4S Range	9E
	-+- -+- -+-	Surface Location	730 ft. frr	n (N/S) N	om nearest line	r section	section and	drilling unit	
		202-00	TYPE OF	AUTHORIZAT	TION	10000	WELL A	ACTIVITY	
W	E	Indi	vidual Per	mit		CLAS	S I		
▎ ├ ┼ ╗├┼ ╌┠ ┼╌├		✓ Area	Permit			CLAS	IS II		
l	-4-1	Rule	9			□в	rine Dispos	al	
		Number	of Wells	1		□ E	nhanced Re	covery	
		Number	or wells [□ н;	ydrocarbon	Storage	
			Laver -			V CLAS	S III		
s		Lease Nar	me NA			Well Numb	133S		
CASING AND TUBI	ING RECORD AFTER	PLUGGING	3		METH	OD OF EMPL	ACEMENT O	F CEMENT PI	LUGS
SIZE WT (LB/FT) TO BE PUT IN	WELL (FT) TO BE	LEFT IN W	ELL (FT)	HOLE SIZ	E I Th	e Balance Met	de a d		
3 9.11-est. 0	555		, ,	5					
5.5 13.70-est. 0	40		-	6.25		e Dump Baile			
J.J. TO.TO CSL	140			0.20		e Two-Plug M	etnoa		
					Cti	ner			
CEMENTING TO PLUG AND	ARANDON DATA:		PLUG #1	PLUG #	2 PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will			2.97	3	1/200 #6	1200 #4	1200 #0	T LOO NO	1 200 #/
Depth to Bottom of Tubing or Drill Pipe			NA	560	1				
Sacks of Cement To Be Used (each plug			62.2	21.2			-		
Slurry Volume To Be Pumped (cu. ft.)	-		79.72	27.24					
Calculated Top of Plug (ft.)			560	5					
Measured Top of Plug (if tagged ft.)			560	5					
Slurry Wt. (Lb./Gal.)			15.6	15.6					
Type Cement or Other Material (Class II	1)		V	V					
LIST ALL OPEN HO	OLE AND/OR PERFOR	RATED INTE	Array	ID INTERVAL	S WHERE CAS	ING WILL BE	VARIED (if a	nv)	
From	То		U.S. 1. C. 1	2000/2007/2000/2007	From	MANUAL DESCRIPTION OF THE PARTY		To	
2217	560		1						
	5								
			11						
Estimated Cost to Plug Wells \$13,715									
I certify under the penalty of law attachments and that, based on i information is true, accurate, and possibliity of fine and imprisonm	my inquiry of those i d complete. I am aw	ly examined individuals ware that the	immediate	amiliar with ely responsi	ble for obtaini	ng the inform	ation, I belie	ve that the	
Name and Official Title (Please type or	print)	Sign	ature				T	Date Signed	
Dan Johnson, VP Environment and		-	D	_	_	-		F0/P0	1/2012



⊕ E	DA			Unite			ntal Protectio , DC 20460	n Agency				
W.E.	FA		PLU	IGGIN	NG AN	D AB	ANDONI	MENT PL	.AN			
Name ar	nd Address of F	acility					Name and Ad	dress of Own	er/Operator			
Floren 1575 V	ce Copper Pro N Hunt Hwy, l	ject Florence Ariz	zona 85132					ırces (Arizor nt Hwy, Floı		na 85132		
Lo	cate Well and C	outline Unit on	ì		State	-		County Pinal		T. 10 Contract Contra	Number	
Se	ction Plat - 640	Acres			Arizona	0		rmai		AZ39	6000001	
		N			physolateraping		Description	CXX	20	-	40	OF
					INE 1/4	of <u>INE</u> 1/4	4 of <u>SW</u> 1/4 o	f <u>SVV</u> 1/4 of	Section <u>Z8</u>	Township	45 Range	9E
_	<u> </u>		-+-		Locate w	ell in two	directions fro	m nearest lin	es of quarter	section and	drilling unit	
_	4-1-4.		-4-1		Surface	Charles County	pt.440					
	iii				[13] (5.555) Average research		m (N/S) S					
	†				and 1190		E/W) W Lin		ection.			
w	+++	-	E				AUTHORIZAT	ION		3.70,700,700,700,700	ACTIVITY	
	ユ _レユ.		L		-	vidual Pe	rmit		CLA			
	1 1 1				Rul	a Permit			L CLA	55 II Brine Dispos	al	
	+		-+-							nhanced Re		
_	<u> </u>	_ 			Numbe	r of Wells	1			lydrocarbon		
						,			V CLA		7.171.79	
		s			Lease Na	me NA			Well Num	ber 135MF		
	CA	SING AND TU	BING RECORI	AFTER	PLUGGING	3		MET	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS
SIZE	WT (LB/FT)	TO BE PUT I	N WELL (FT)	TO BE	LEFT IN W	ELL (FT)	HOLE SIZE	□ ✓ TH	e Balance Me	ethod		
3	9.11-est.	0		371			5	□ □ τι	e Dump Bail	er Method		
5.5	13.70-est.	0		60			6.25	□ TP	e Two-Plug N	lethod		
								Ot	her			
								-	4		Y.	1
		TO PLUG AND				PLUG #		PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #
	lole or Pipe in	A		inche		2.97-es	The state of the s					
	Bottom of Tub					NA C4.5	376			-		-
	Cement To Be olume To Be Pu					64.5 82.72	14.2	1				
TOTAL STREET, CO.	ed Top of Plug					376	5			 	-	-
	d Top of Plug (i					376	5					
CONTRACTOR OF THE PARTY OF THE	/t. (Lb./Gal.)					15.6	15.6					
	ment or Other N	laterial (Class	111)			V	V					
	LIS	T ALL OPEN F	IOLE AND/OR	PERFOR	ATED INTE	RVALS A	ND INTERVAL	S WHERE CA	SING WILL BE	VARIED (if a	iny)	
	From			То				From			То	
2095.5			376									
376			5									
And resident state of the	d Cost to Plug	Wells										
\$13,71	.5											
						Certific	_41					
						OFFIELD	STIAN					

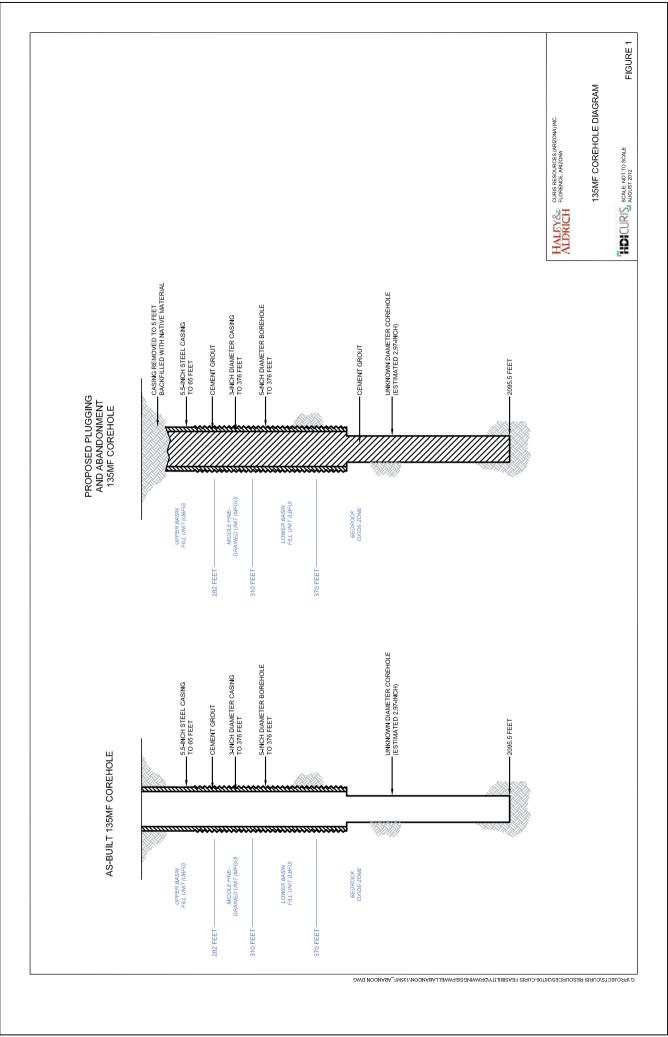
information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name	and	Official	Title	(Please	type or	print)	

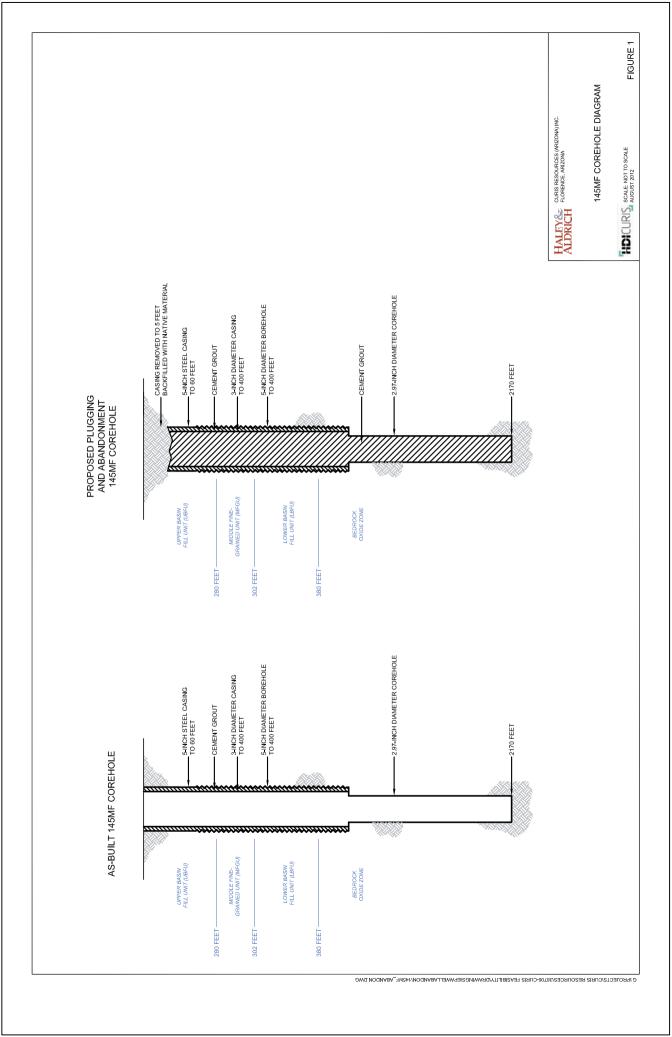
Dan Johnson, VP Environment and Technical Services

Signature

Date Signed



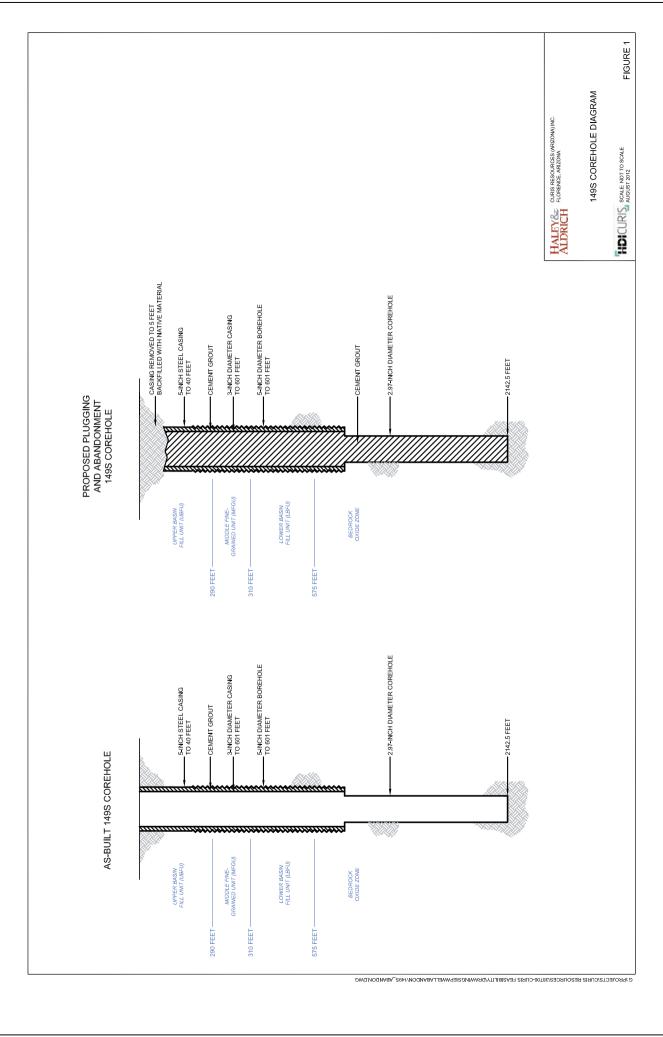
₽E	PA		PLU		w	ashington	ntal Protect, DC 20460		^{Agency} ENT PL	AN					
Floren	nd Address of F ce Copper Pro V Hunt Hwy, I	ject	ona 85132				Curis Re	sourc	ess of Owne ces (Arizona Hwy, Flore	a) Inc	na 85132				
Loc	cate Well and C	Outline Unit on			State Count Arizona Pinal						t Number				
(3) SW8	tion Plat - 640				Arizona			شتمال اه	ınaı		AZ39	6000001			
		N			Surface I	10	OF								
					INE 1/4	of <u>IN VV</u> 1/4	of <u>SE</u> 1/	4 of	3VV 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 ft. frm (N/S) S Line of quarter section and 970 ft. from (E/W) E Line of quarter section. TYPE OF AUTHORIZATION WELL ACTIVITY										
l w			E		☐ Indi	ividual Pe	rmit			CLA	SS I				
-	+		-+-		✓ Are	a Permit				CLA	SS II				
_	 	- 	- -		Rule Number of Wells 1				Brine Disposal Enhanced Recovery Hydrocarbon Storage						
		s			Lease Na	MA NA				Well Num	ber 145Ml	?			
	CA	SING AND TUE	RING RECORD	AETER		-		_	METH	The Table 1 and 1 and 1	100		ugs		
SIZE	WT (LB/FT)	TO BE PUT I			BE LEFT IN WELL (FT) HOLE SIZE				METHOD OF EMPLACEMENT OF CEMENT PLUGS						
3	9.11-est.	0	VVELL (FT)	395	CEL I IIA AA	rece (FT)	5	126		✓ The Balance Method The Dump Bailer Method					
5	13.70-est.	0		55			6.25	7	The Two-Plug Method						
		1000						Other							
										173): 					
	CEMENTING	TO PLUG AND	ABANDON DA	TA:		PLUG #	1 PLUG	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
Size of F	lole or Pipe in v	which Plug Wi	ll Be Placed (inche		2.97	3								
	Bottom of Tub					NA	400								
	Cement To Be		1g)			66.4	15.1			-	-		-		
	olume To Be Pu					85.15	19.39	-	-	1	-		1		
	d Top of Plug d Top of Plug (i					400	5	-		-	-				
	t. (Lb./Gal.)	tugged it.,				15.6	15.6								
	nent or Other N	Material (Class	III)			V	V								
		T ALL OPEN H		PERFOR	ATED INT			ALS	WHERE CAS	ING WILL BE	VARIED (if	any)			
	From			То					From			То			
2170			400												
400			5												
1															
\$13,71	d Cost to Plug 5	Wells													
att inf	ertify under the achments and ormation is tru ssibliity of fine	that, based on e, accurate, ar	my inquiry o	f those in I am awa	y examine ndividuals are that th	immedia	familiar wi tely respor	sible	for obtaining	g the inform	nation, I beli	eve that the	1		
Name an	d Official Title	(Please type c	r print)		Sign	nature	/					Date Signed			
Dan Jol	nnson, VP Env	vironment and	l Technical S	Services	<	7	7_(The	1			09/07	12012		



09/07/2012

0.504					Unit	ed States Er	nvironme shington			n A	gency						
⊕EPA	1			PLU	JGGI	NG ANI		Same.		VΙΕ	NT PL	AN					
Name and Add	lress of F	acility						Nar	me and Ad	dre	ss of Owne	r/Operator					
Florence Co 1575 W Hu			ce Arizona	85132				Curis Resources (Arizona) Inc 1575 W Hunt Hwy, Florence, Arizona 85132									
	Locate Well and Outline Unit on Section Plat - 640 Acres State Arizona Surface Locati								1 1	Cou	unty nal		2 CONTRACTOR SALES	Number 6000001			
<u>dection</u>								Des	cription		3501174						
	т т	N	1 1			NE 1/4 o	f SW 1/4	4 of	<u>NE</u> 1/4 o	S	W 1/4 of	Section 28	Township	4S Range	9E		
W						Surface Location 2 and 950	CLAS			WELL ACTIVITY							
	- ├	-	 	+-		Number	of Wells	1					lydrocarbon	Storage			
	<u> </u>						ľ.					✓ CLA	SS III				
	s						Lease Name NA					Well Number 149S					
	CA	SING A	ND TUBING	RECOR	AFTER	PLUGGING				T	METH	100	the officer and the	F CEMENT P	LUGS		
SIZE WT	(LB/FT)	то в	E PUT IN WE	LL (FT)	то ве	LEFT IN WE	ELL (FT)	Ti	HOLE SIZE		Z The	✓ The Balance Method					
	-est.	0			596			5	j	T		Dump Baile					
5 13.70-est. 0 35							6.25					Two-Plug N					
											Other						
										Ţ		7.579.					
CE	MENTING	TO PL	JG AND ABA	NDON D	ATA:		PLUG #	11	PLUG #2		PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #		
Size of Hole o	r Pipe in	which P	lug Will Be	Placed (inche		2.97		3								
Depth to Botto	m of Tub	ing or l	Drill Pipe (ft	t			NA		601								
Sacks of Ceme	nt To Be	Used (e	ach plug)				57.8		22.8								
Slurry Volume			cu. ft.)				74.16		29.26	Ш							
Calculated Top							601		5								
Measured Top Slurry Wt. (Lb		f tagge	d ft.)				15.6	4	5 15.6	-					-		
Type Cement of		laterial	(Class III)		-		V	+	V	+					-		
Type dement				ANDIOR	DEDEO	PATED INTE		ND		SV	VHERE CAS	ING WILL BE	VARIED (if a	unv)			
	From	I ALL	JEN HOLL	ANDION	To	MANAGEMENT DESCRIPTION	NVALS A	IND	INTERVAL		rom	ING WILL BE	. VARIED (II e	То			
2142.5			60	1													
601			5	242													
Estimated Cos	t to Plug	Wells															
\$13,715																	
							Certific										
attachm informat	ents and ion is tru	that, ba e, accu	sed on my	inquiry o	f those I am aw	individuals vare that the	immedia	tely	responsit	ble	for obtainin	g the inforn	in this docur nation, I belie nformation,				
	1-1-27141	/Diana	type or pri			Letters	ature			_				Date Signed			

Dan Johnson, VP Environment and Technical Services



Vanited States Environmental Protection Agency Washington, DC 20460 PLUGGING AND ABANDONMENT PLAN Name and Address of Facility Florence Copper Project 1575 W Hunt Hwy, Florence Arizona 85132 United States Environmental Protection Agency Washington, DC 20460 PLUGGING AND ABANDONMENT PLAN Name and Address of Owner/Oper Curis Resources (Arizona) Inc 1575 W Hunt Hwy, Florence, A											
PLUGGING AND ABANDONMENT PLAN Name and Address of Facility Florence Copper Project Name and Address of Owner/Oper Curis Resources (Arizona) Inc											
Florence Copper Project Curis Resources (Arizona) Inc											
	05100										
1575 W Hunt Hwy, Florence Arizona 85132											
	Arizona 85132										
Locate Well and Outline Unit on State County	ja charle and a	t Number									
Section Plat - 640 Acres	AZ3	96000001									
Surface Location Description	g10200000000000000000000000000000000000	[magazine]	122								
NE 1/4 of SE 1/4 of NE 1/4 of SE 1/4 of Section	NE 1/4 of <u>SE</u> 1/4 of <u>NE</u> 1/4 of <u>SE</u> 1/4 of <u>SE</u> 1/4 of Section <u>28</u> Township <u>4S</u> Range <u>9E</u>										
Locate well in two directions from nearest lines of q	Locate well in two directions from nearest lines of quarter section and drilling unit										
Surface											
	ocation 760 ft. frm (N/S) N Line of quarter section										
	and 80 ft. from (E/W) E Line of quarter section.										
W TYPE OF AUTHORIZATION	•	ACTIVITY									
☐ Individual Permit	CLASS I										
	Brine Dispo	eal									
	Enhanced R										
Number of Wells 1	Hydrocarbo										
	CLASS III	TERROR (1987)									
S Lease Name NA Wel	Number 162S	Number 162S									
	EMPLACEMENT	OF CEMENT P	LUGS								
SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN WELL (FT) HOLE SIZE	nce Method										
3 9.11-EST. 0 348 5 The Dum	p Bailer Method										
5 13.70-EST. 0 45 6.25 est The Two-	Plug Method	Method									
Other											
		· ·	T								
	G #4 PLUG #5	PLUG #6	PLUG #								
Size of Hole or Pipe in which Plug Will Be Placed (inche: 2.97 3 Depth to Bottom of Tubing or Drill Pipe (ft NA 300		4									
Depth to Bottom of Tubing or Drill Pipe (ft NA 300 Sacks of Cement To Be Used (each plug) 25.9 11.3											
Slurry Volume To Be Pumped (cu. ft.) 33.2 14.5	-	+									
Calculated Top of Plug (ft.) 300 5											
Measured Top of Plug (if tagged ft.) 300 5											
Slurry Wt. (Lb./Gal.) 15.6 15.6											
Type Cement or Other Material (Class III)											
LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING W	ILL BE VARIED (if	any)									
From To From		То									
990 300											
300 5											
			_								
Estimated Cost to Plug Wells											
\$13,715											
No. 2004.											
Certification											
I certify under the penalty of law that I have personally examined and am familiar with the information subn	nitted in this docu	ment and all									
attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the	information, I bel	ieve that the									

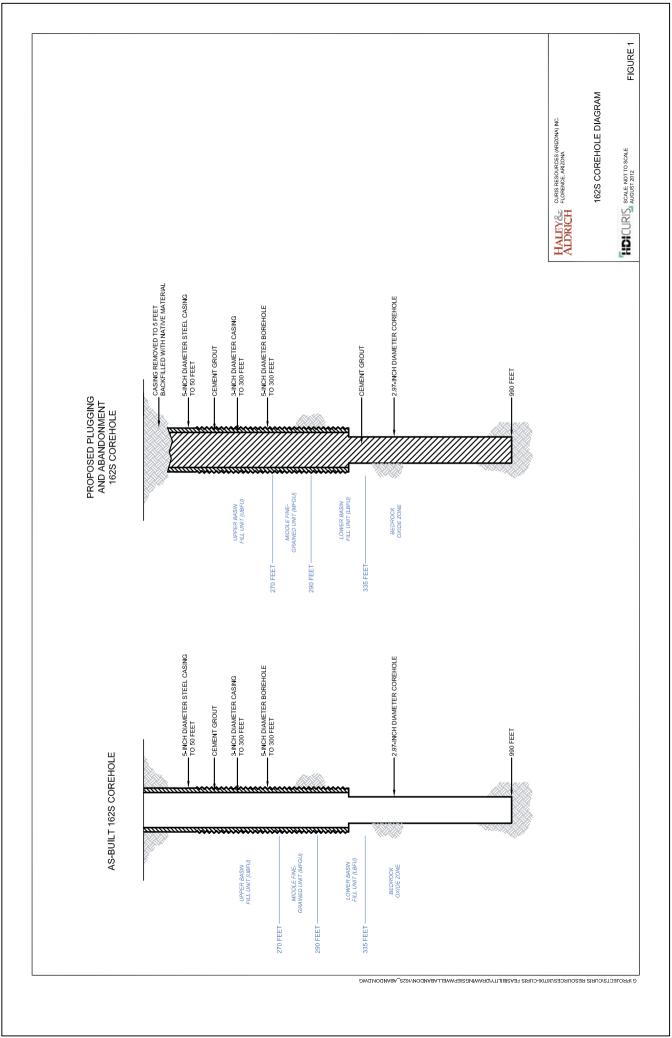
possibliity of fine and imprisonment. (Ref. 40 CFR 144.32)

Name	and	Official Title	(Please type or print)
	-	Control Services	

Signature

Date Signed

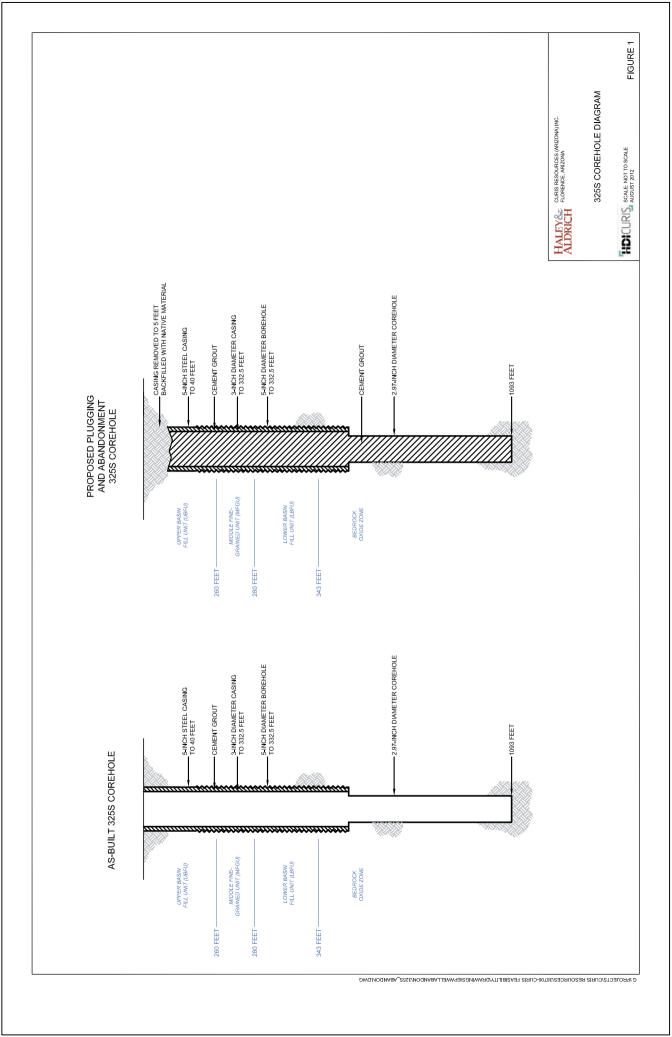
Dan Johnson, VP Environment and Technical Services



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United States Environmental Protection Agency Washington, DC 20460

₩.E	PA		PLU	GGIN		D ABA			IENT P	_AN					
Name an	d Address of F	acility					Nam	e and Add	dress of Own	er/Operato	r				
	ce Copper Pro V Hunt Hwy,		ona 85132				Curis Resources (Arizona) Inc 1575 W Hunt Hwy, Florence, Arizona 85132								
	cate Well and C				State Arizona				County Pinal				mber 00001		
		N			Surface Location Description										
		ΪH		- H		-			SE 1/4 of					9E	
	† - - † · + - - † · + - - † ·	 		Sp.	Surface Location 770 ft. frm (N/S) N Line of quarter section and 330 ft. from (E/W) E Line of quarter section.						ter section	and dr	illing unit		
	1 1 1							HORIZATI			W	ELL ACT	TIVITY		
W			E		☐ Indi	vidual Per	rmit			☐ c	LASS I				
—·	<u> </u>				✓ Area	a Permit				☐ c	LASS II				
-					Rul	е					Brine Dis	sposal			
			i		Number	r of Wells	1				Enhance	d Recov	very		
-	<u> </u>	-			Number	or wens		-		The second secon	Hydroca	rbon St	orage		
_	<u> </u>	ننا				Esse					ASS III				
		s			Lease Na	me NA			4	Well No	mber 32	5S			
	CA	SING AND TUI	BING RECORD	AFTER P	LUGGING	3			MET	HOD OF EM	PLACEME	NT OF C	EMENT PL	ugs	
SIZE	WT (LB/FT)	EFT IN WELL (FT) HOLE SIZE				✓ T	✓ The Balance Method								
3	9.11-EST.	0		327.5 e	st	5				The Dump Bailer Method					
5.6	13.70-EST.	0		35			6.	5-EST	Ц □т	The Two-Plug Method					
									o	ther					
					_	T	_		4		. 1	- 1			
Cine of U		TO PLUG AND				PLUG #1		PLUG #2	PLUG #3	PLUG #	4 PLUG	#5 F	PLUG #6	PLUG #7	
Comment Comment	ole or Pipe in v	STATE OF THE PARTY OF THE PARTY.	Annual State of the State of th	ncne		2.97 est NA	- 1	332.5	1		-	-			
	Cement To Be					28.5	-	12.5	1					-	
	olume To Be Pu		- 3/			36.6	-	16.1	Tr -						
	ed Top of Plug	and the state of t				332.5		5							
Measure	d Top of Plug (i	f tagged ft.)				332.5	_	5							
Slurry W	t. (Lb./Gal.)					15.6	3	15.6	1						
Type Cen	nent or Other N	laterial (Class	III)			V	V								
	LIS	T ALL OPEN H	OLE AND/OR	PERFORA	TED INTE	RVALS A	ND II	NTERVAL	S WHERE CA	SING WILL	BE VARIED	(if any))		
	From			То					From				То		
1093			332.5												
332.5			5												
\$13,71	d Cost to Plug 5	Wells													
						Certific	atio	on							
att. inf	ertify under the achments and ormation is tru ssibliity of fine	that, based on e, accurate, ar	my inquiry of nd complete.	f those in I am awa	dividuals re that th	immediat	ely	responsib	le for obtain	ing the info	rmation, I	believe	that the		
Name and	d Official Title	(Please type o	or print)		Star	ature	_					Da	te Signed		
		ironment and	-/	ervices	9	7		()	1				17	12012	



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			DI I		Wa	shington	n, DC 2		S) 8	ANI						
			PLC	IGGIN	IG ANI	D AB			ENT PL							
- Annual Control of the Control	Name and Address of Facility Florence Copper Project								Name and Address of Owner/Operator Curis Resources (Arizona) Inc							
	V Hunt Hwy, I		ona 85132						tes (Arizona Hwy, Flore		na 85132					
Loc	ate Well and O	utline Unit on			State Arizona			100	ounty	-	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	Number				
10000000	Section Plat - 640 Acres								inal		AZ390	6000001				
_			Surface Location Description SW 1/4 of NE 1/4 of NE 1/4 of SE 1/4 of Section 28 Township 4S Range								9E					
			Surface Location and 450	Locate well in two directions from nearest lines of quarter section and drilli Surface Location 660 ft. frm (N/S) N Line of quarter section and 450 ft. from (E/W) E Line of quarter section.						CONTRACTOR OF THE PARTY OF THE						
w		☐ Indiv ✓ Area ☐ Rule	vidual Pe Permit	ermit				SS I	nI							
-	 	- -+-			Number	of Wells		1			lydrocarbon	Storage				
			Lease Nar	NA			✓ CLASS III Well Number 337S									
CASING AND TUBING RECORD AFTER PLUGGING									METH	The second second	ACEMENT O	F CEMENT PI	LUGS			
SIZE	WT (LB/FT)	TO BE PUT II	N WELL (FT)	TO BE	LEFT IN WELL (FT) HOLE SIZE				□ The	✓ The Balance Method						
3	9.11-EST.	0		295						The Dump Bailer Method						
5	13.70-EST.	0		40			6.5-EST.		The Two-Plug Method Other							
									0							
	CEMENTING	TO PLUG AND	ABANDON DA	ATA:		PLUG #	#1 P	LUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7			
	ole or Pipe in v			inche:		2.97 es										
	Bottom of Tub					NA	F 156585	00								
	Cement To Be		ug)			40.1		1.3					1			
	lume To Be Pu					51.38		1.48	-	-			<u> </u>			
	d Top of Plug (d Top of Plug (i					300 300	5									
	t. (Lb./Gal.)	ragged it.)		_		15.6		5.6								
	nent or Other M	laterial (Class	III)			V	V									
		T ALL OPEN H		PERFOR	ATED INTE				WHERE CAS	ING WILL BE	VARIED (if a	nv)				
	From	I ALL OFEN H	CLE AND/OK	To	ATEDINTE	NVALS A	NAD IIV	LIVALO	From	ING WILL DE	VARIED (II D	To				
1368	110111		300	1.0												
300			5													
		W-U-														
\$13,71	d Cost to Plug 5	Wells														
					-	Certific	cation									
atta	ertify under the achments and to ormation is true ssibliity of fine	that, based on e, accurate, ar	my inquiry o nd complete.	f those in I am awa	y examined ndividuals are that the	d and am immedia	n famili ately re	ar with th	e for obtainir	ng the inform	nation, I belie	ve that the	ì			

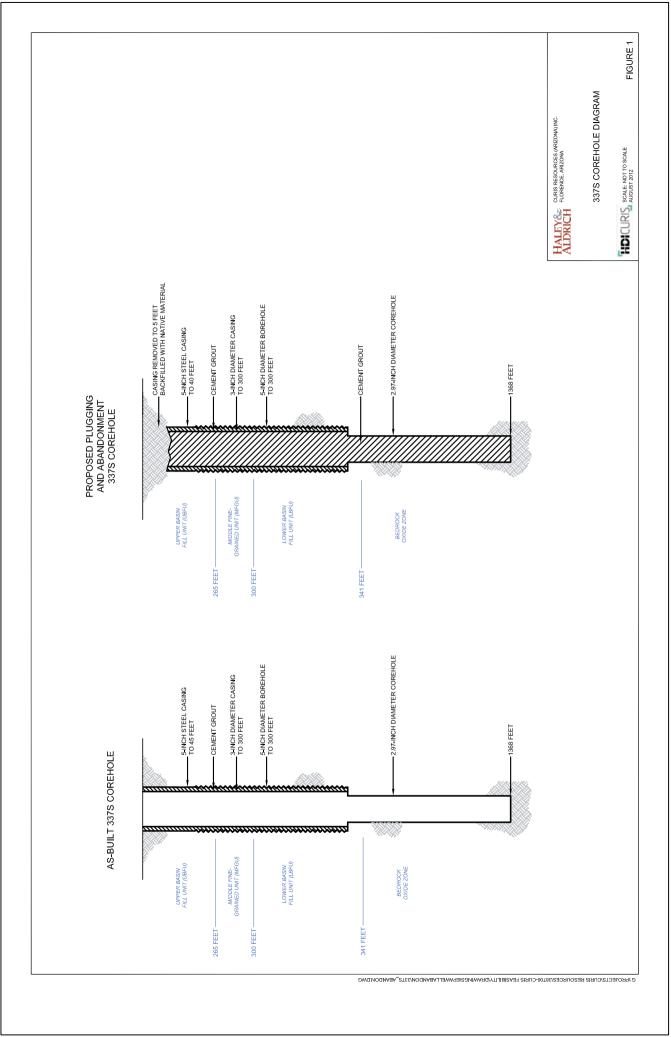
Signature

Date Signed

09/07/2012

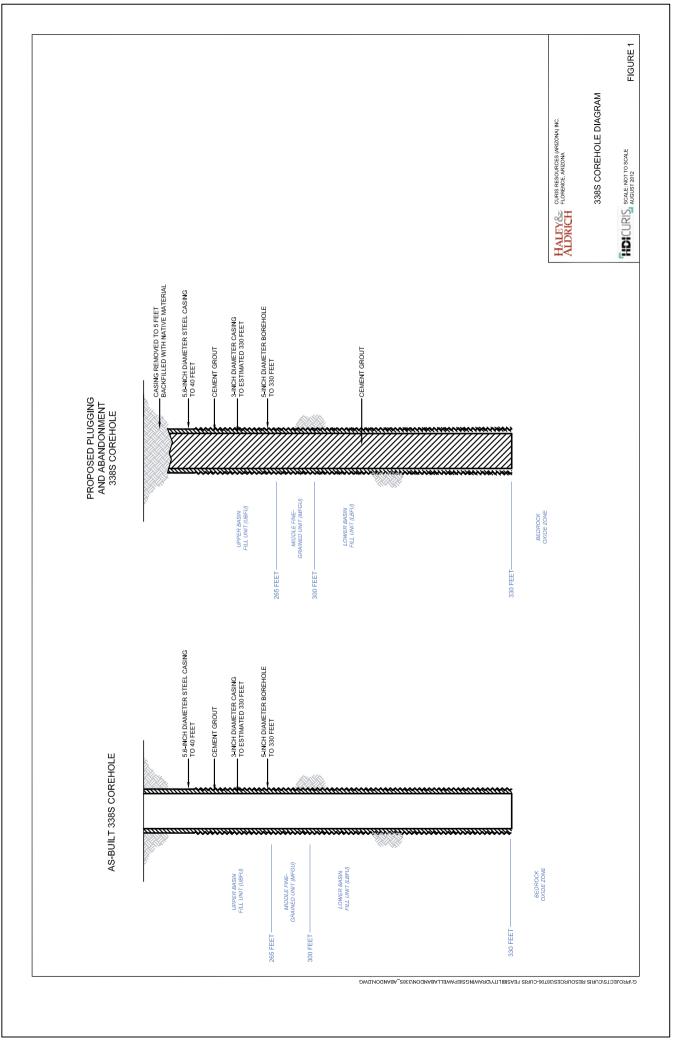
Name and Official Title (Please type or print)

Dan Johnson, VP Environment and Technical Services



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0 [DA			United			ntal Protecti DC 20460	ion A	Agency					
₽E	FA		PLU	GGIN	G ANI	D ABA	NDON	IME	ENT PL	AN				
Name an	d Address of F	acility				I	Name and A	ddre	ess of Owne	r/Operator				
	ce Copper Pro V Hunt Hwy,		ona 85132						es (Arizona Hwy, Flore	n) Inc ence, Arizor	na 85132			
1475,000	cate Well and C		ı	- 3	State Arizona			Department.	unty nal		740000000000000000000000000000000000000	Number 6000001		
360	ation Flat - 040 /			5	Surface L	ocation D	escription	7.	465007.		The second second			
	1 1 1	N I		6	SW 1/4 o	NE 1/4	of NE 1/4	of	SE 1/4 of	Section 28	Township	4S Range	9E	
w		S S	E	\$ L	Surface Location and 335 ind 3	350 ft. frr ft. from (E TYPE OF vidual Per Permit	n (N/S) N /w) E Li AUTHORIZA	_ Lin	ne of quarter If quarter se	ction.	WELL / SS I SS II Brine Dispos Inhanced Re Hydrocarbon SS III	S II rine Disposal nhanced Recovery ydrocarbon Storage		
				-	ease Nan									
		SING AND TU							METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS	
SIZE	WT (LB/FT)	TO BE PUT II	N WELL (FT)		EFT IN WE	ELL (FT)	HOLE SIZ	ZE		Balance Me				
3	9.11-EST.	0		325		-	5	-		Dump Baile				
5.6	13.70-EST.	0		35			6.5est	-	(man)	Two-Plug N	lethod			
		-						-	U Oth	ier				
	CEMENTING	TO PLUG AND	ADANDON D	TA		PLUG #1	PLUG #	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	
Size of H	lole or Pipe in					3	FLOG	72	FE00 #3	7 200 #4	7200 #0	7200 #0	1 200 #/	
	Bottom of Tub			inche.		330	1							
	Cement To Be					12.4								
	olume To Be Pu					15.95								
Calculate	ed Top of Plug	(ft.)				5								
Measure	d Top of Plug (if tagged ft.)				5								
Slurry W	t. (Lb./Gal.)					15.6								
Type Cer	nent or Other N	Material (Class	III)			V								
	LIS	T ALL OPEN H	IOLE AND/OR	PERFORA	TED INTE	RVALS AN	ID INTERVA	ALS V	WHERE CAS	ING WILL BE	VARIED (if a			
	From			То					From			То		
330			5											
-								-						
-			-					-			-			
Estimate	d Cost to Plug	Wells						_						
\$13,71		Wells												
att	ertify under the achments and ormation is tru	that, based on	my inquiry o	f those in	examined dividuals	immediat	familiar witl ely respons	sible	for obtaining	ig the inform	nation, I belie	eve that the		
	ssibliity of fine					ire ale sig	misant pe	.raiti	os ioi subili	rung raise i	semination,			
Name an	d Official Title	(Please type o	or print)		Sign	ature).			Date Signed		

Dan Johnson, VP Environment and Technical Services

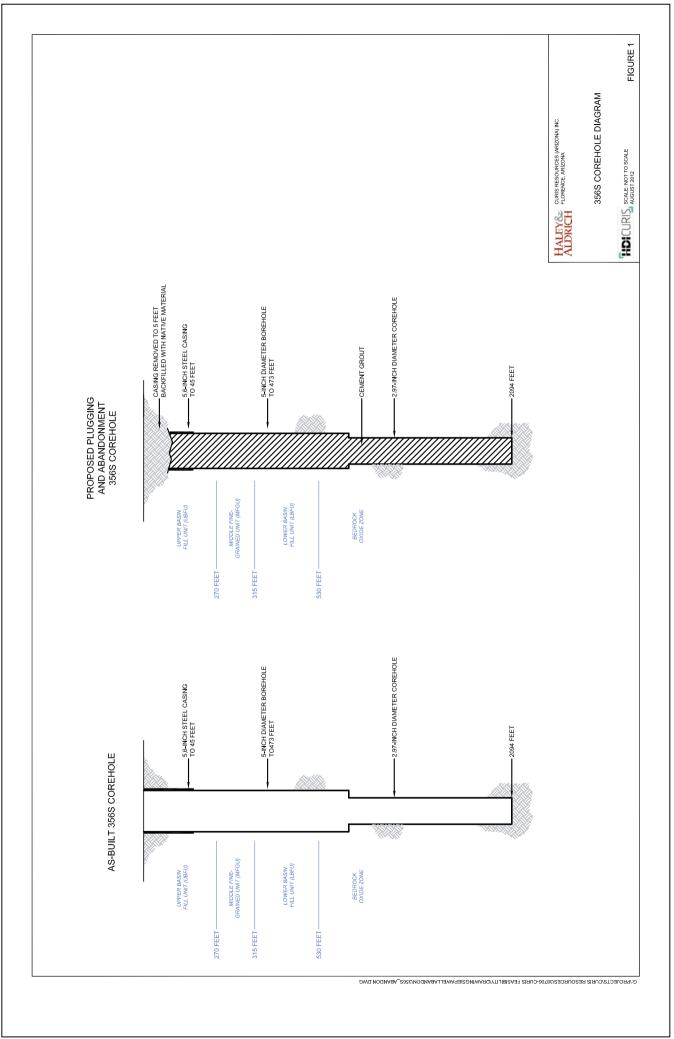


				=				OMB No. 20	10-0042 Ap	proval Expire	s 11/30/2014	
θE	PA				w	ashington	ental Protection, DC 20460					
			PLU	IGGII	NG AN	D AB	ANDON					
by boltomark	d Address of F								ner/Operator			
Floren 1575 V	ce Copper Pro V Hunt Hwy, Ì	ject Florence Ari	zona 85132					ources (Arize unt Hwy, Fl	ona) Inc orence, Arizo	na 85132		
4725	W-11 d G		<u> </u>		State			County		principal extraorus subst	Number	
	cate Well and C ction Plat - 640 A		n		Arizona	1		Pinal		AZ39	6000001	
N. Contract		N					Description					
	1 1 1	Ť			SW 1/4	of <u>NW</u> 1/	4 of <u>NE</u> 1/4	of SW 1/4 of	Section 28	_ Township	4S Range	9E
_	<u> </u>	_	<u> -</u> -		Locate w	ell in two	directions fr	om nearest l	ines of quarte	r section and	drilling unit	
	!!!		!!!!		Surface							
			-+-		(Carterwayereder	530 ft. f	rm (N/S) N	Line of quar	ter section			
-	-		느+-		The second second second		E/W) E Lir					
700			<u> </u>		-		AUTHORIZA			WELL	ACTIVITY	
w	1 1.		E		Indi	ividual Pe	ermit		CLA	SS I		
	+	-1-+-			✓ Are	a Permit			CLA	SS II		
_	<u> </u>		<u></u>		Rul	е				Brine Dispos	al	
	iii	I i	i i l		Numbe	r of Wells	1			Enhanced Re		
	 		<u> </u>						annual and a second	Hydrocarbon	Storage	
	<u> </u>		<u>i i </u>			12.2			✓ CLA			
		s			Lease Na	me NA			Well Num	ber 356S		
	CA	SING AND TU	BING RECORE	AFTER	PLUGGIN	G		ME	THOD OF EMP	LACEMENT C	F CEMENT P	LUGS
SIZE	WT (LB/FT)	TO BE PUT	IN WELL (FT)	TO BE	LEFT IN W	/ELL (FT)	HOLE SIZ	E .	The Balance M	ethod		
5.6	13.7-EST.	0		40			6.5	⊥ □	The Dump Bail	er Method		
								4 0	The Two-Plug I	Method		
_		-				-		_ L	Other			
	CEMENTING	TO PLUG AN	D ABANDON DA	ATA:		PLUG #	PLUG#	2 PLUG#	PLUG #4	PLUG #5	PLUG #6	PLUG#
Size of F	lole or Pipe in v	vhich Plug W	/ill Be Placed (inche		2.97	5					
Depth to	Bottom of Tub	ing or Drill P	ipe (ft			NA	473					
Sacks of	Cement To Be	Used (each p	lug)			60.8	49.8					
Slurry Vo	olume To Be Pu	mped (cu. ft.)			78	63.8					
Calculate	ed Top of Plug	ft.)				473	5					
	d Top of Plug (i	f tagged ft.)				473	5					
	t. (Lb./Gal.)		100			15.6	15.6			-		-
ype Cer	ment or Other M					V]V					
	LIS From	T ALL OPEN	HOLE AND/OR	PERFOR		ERVALS A	ND INTERVA	LS WHERE C	ASING WILL BI	E VARIED (if a	To	-
2094	710111		473	10				110111				
473			5									
110			0									
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stimate	d Cost to Plug	Wells										
\$13,71	5											

Name	and Offic	ial Title	(Please type of	or print)	
Dan	Johnson,	VP En	vironment and	l Technical	Services

Signature

Date Signed



								O	MB No. 2040-	0042 Ap	proval Expire	s 11/30/2014	
₽E	ΡΔ			Unit	ed States E Wa	Environme ashingtor			Agency				
V/L			PLU	JGGII	NG AN	D AB	AND	MNC	ENT PL	AN			
Name ar	nd Address of F	acility					Name a	nd Addr	ess of Owne	r/Operator			
	ce Copper Pro		05100						ces (Arizona				
1575 V	V Hunt Hwy, I	florence Ari	zona 85132				1575 \	N Hunt	Hwy, Flore	ence, Arizor	na 85132		
Lo	cate Well and C	utline Unit o	n		State			2000	ounty		property and a second second second	Number	
1,75,75	ction Plat - 640 A				Arizona			Jan	inal		AZ39	6000001	
		N				Location							raw i
	1 1 1	\top	\Box		NW 1/4	of <u>SW</u> 1/	4 of <u>NE</u>	1/4 of	SW 1/4 of	Section 28	Township	4S Range	9E
-	-	- $+$ $+$ $-$	<u> </u>		Locate w	ell in two	directio	ns from	nearest line	s of quarter	section and	drilling unit	
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	lole or Pipe in v			inche:		2.97	5						
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	d Top of Plug (i					455	5						
	/t. (Lb./Gal.)					15.6	15.	6					
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Estimata	d Cost to Plug	Welle											
\$13,71	the Visit consistent was the sales and surplish again	wells											
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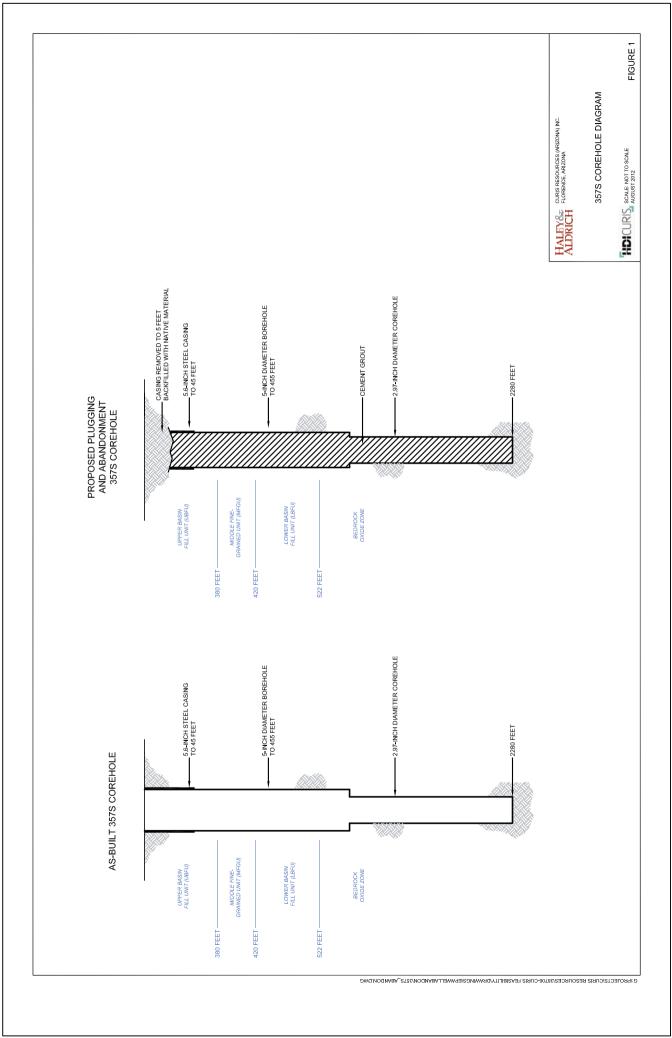
Name and Official Title (Please type or print)

Dan Johnson, VP Environment and Technical Services

Signature

Date Signed

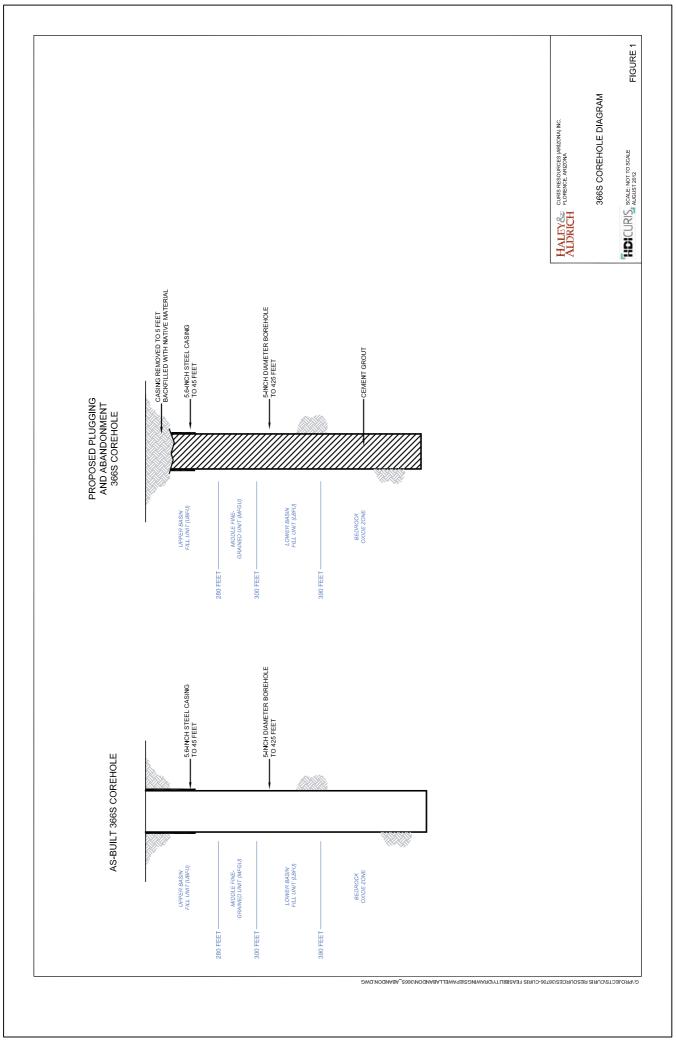
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			Unite			ntal Protectio	n Agency					
⇔EPA		PLU	IGGIN			, DC 20460 ANDONI	MENT PL	.AN				
Name and Address of I	acility						dress of Owne	00.09220				
Florence Copper Pro	oject					Curis Resor	urces (Arizon	a) Inc				
1575 W Hunt Hwy,	Florence Ari:	zona 85132				1575 W Hu	nt Hwy, Flor	ence, Arizoi	na 85132			
		2		State			County		Permit	Number		
Locate Well and Section Plat - 640		n		Arizona	i		Pinal		AZ39	6000001		
	N			Surface L	ocation D	Description						
	Ť			NW 1/4	of SW 1/4	of <u>NE</u> 1/4 c	of <u>SW</u> 1/4 of	Section 28	Township	4S Range	9E	
<u> </u>		<u> -</u> -		Locate w	ell in two	directions fro	om nearest lin	es of quarter	section and	drilling unit		
				Surface								
				Location	950 ft. fr	m (N/S) N	Line of quarte	r section				
	- $+$ $+$ $-$	느+-		and <u>1090</u>	ft. from (E	E/W) <u>E</u> Lin	e of quarter se	ction.				
w		H		_	TYPE OF	AUTHORIZAT	ION	_	WELL	ACTIVITY		
"Liii	Li	i i ["		Section 2	vidual Pe	rmit		CLA				
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-++		H+-		Rule					Brine Dispos Inhanced Re			
- i i i i i i i i i i i i i i i i i i i	_ 	<u> -</u> - -		Number	of Wells	1			lydrocarbon	100		
								✓ CLASS III				
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				Lease Na				1.00				
		BING RECORD					87 87	OD OF EMPL	ACEMENT O	FCEMENTP	LUGS	
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					_	The Two			Method			
			1					ner				
CEMENTIN	3 TO PLUG ANI	D ABANDON DA	ATA:		PLUG #	1 PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG#	
Size of Hole or Pipe in			and the second second		5							
Depth to Bottom of Tu	oing or Drill P	ipe (ft			425 est							
Sacks of Cement To Be	Used (each p	lug)			44.7							
Slurry Volume To Be P	umped (cu. ft.))			57.3							
Calculated Top of Plug					5							
Measured Top of Plug Slurry Wt. (Lb./Gal.)	if tagged ft.)				5	-					ļ	
Type Cement or Other	Material /Class	1111)			15.6 V		-				-	
		HOLE AND/OR	DEDEOD	ATED INTE		ND INTERVAL	S MHEDE CAS	ING WILL BE	VARIED (if a	uny)		
From	T ALL OF EN	TOLE AND/OR	To	ATED INTE	-RVALO A	NO INTERVAL	From	I I	· VAINED (II e	To		
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Estimated Cost to Plug	Wells											
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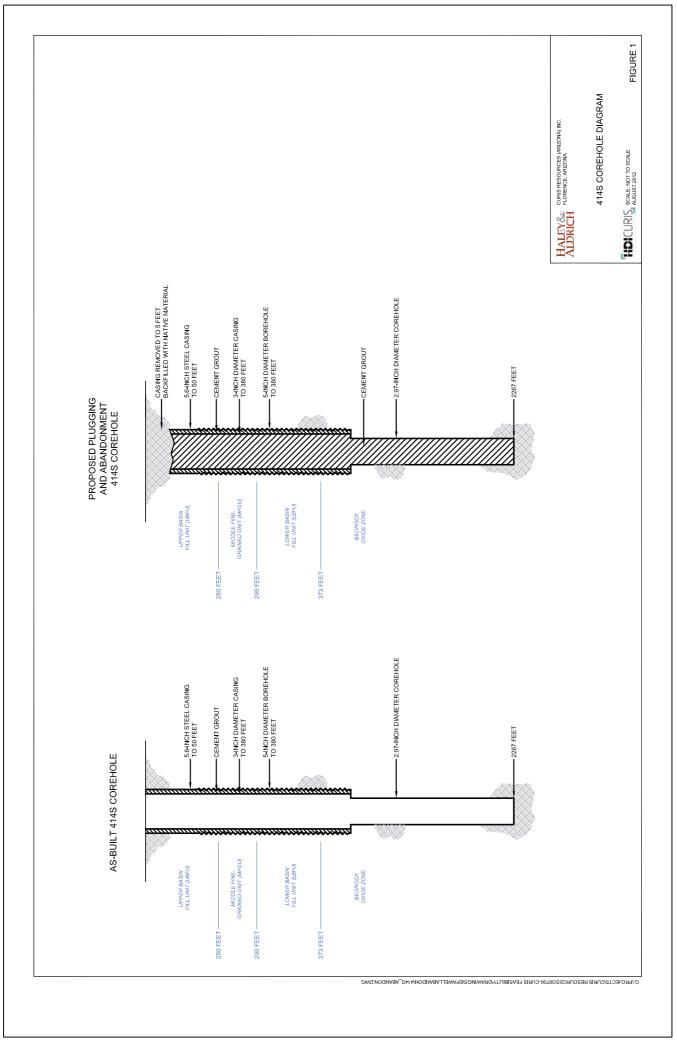
possibility of fine and imprisonment. (Ref.	14 TA	incant penalties for submittin	g raise information, including th
Name and Official Title (Please type or print)	Signature		Date Signe

Dan Johnson, VP Environment and Technical Services

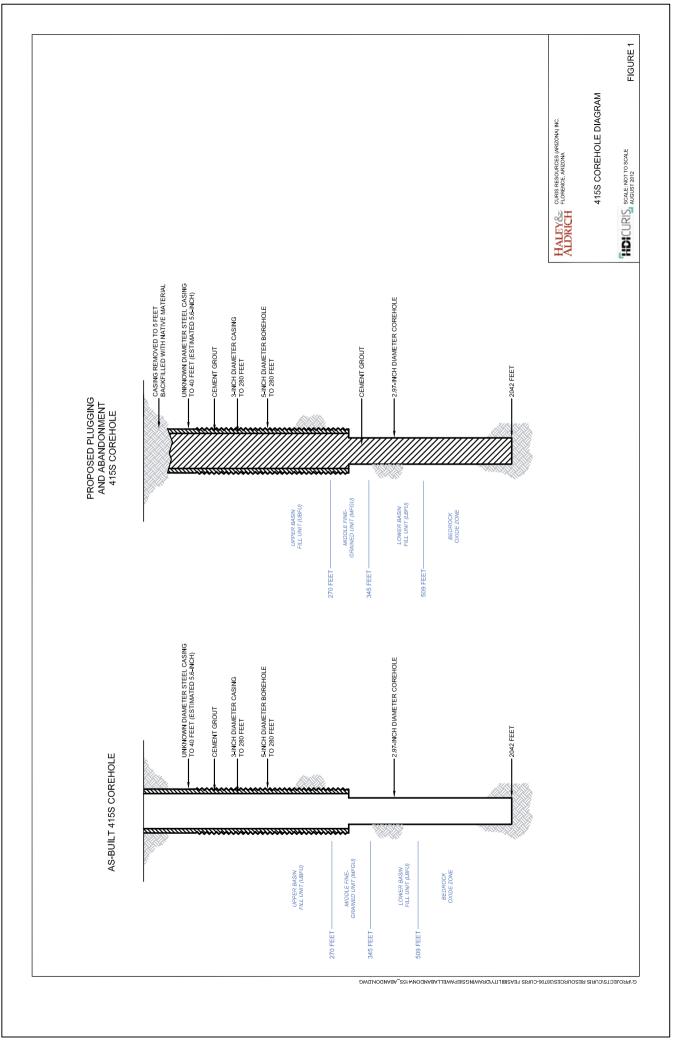


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⊕ E	PA		PLU	IGGIN					ENT PL	AN					
Name an	d Address of F	acility							ess of Owne						
Floren	ce Copper Pro	ject							ces (Arizona		21200202				
1575 V	V Hunt Hwy,	Florence Ari	zona 85132				1575 W	Hunt	Hwy, Flore	Hwy, Florence, Arizona 85132					
Loc	cate Well and C	utline Unit o	n		State			2000	ounty		200000000000000000000000000000000000000	Number			
	tion Plat - 640		**	-	Arizona Pinal AZ Surface Location Description							6000001			
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	1 1 1			T I	NE 1/4 of <u>SW</u> 1/4 of <u>NE</u> 1/4 of <u>SW</u> 1/4 of <u>SW</u> 1/4 of Section <u>28</u> Township <u>4S</u> Range <u>9E</u>										
	<u> </u>	-H+-	<u></u>		Locate we	ell in two	direction	from	nearest line	s of quarter	section and	drilling unit			
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				H	and 110		AUTHOR	THE PERSON NAMED IN		Ction.	WELL	ACTIVITY			
w			E		Indi	vidual Pe				CLA:					
\vdash			$\vdash + \vdash \vdash$		✓ Area	Permit				CLA	SS II				
_	- -		<u></u>		Rule	9				☐ E	rine Dispos	al			
	i i i	I i	i i l		Number	of Wells	1				nhanced Re	100			
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		3			Lease Nar	me INZ				Well Num	per 414S				
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5.6	13.70	0		45	6.5				The	Two-Plug M	lethod				
				-				-	U Oth	ner					
	CEMENTING	TO PLUG AN	D ABANDON DA	ATA.		PLUG #	1 PLU	3 #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #		
Size of F	lole or Pipe in					2.97	3		1 200 %0	1 200 117	1 200 110	1200 110			
	Bottom of Tub					NA	380								
Sacks of	Cement To Be	Used (each p	lug)			70.8	14.4								
	olume To Be Pu)			90.78	18.4								
ASSESSMENT OF THE PARTY OF THE	ed Top of Plug					380	5								
	d Top of Plug (i t. (Lb./Gal.)	f tagged ft.)		~		380	15.6	-				-	-		
	nent or Other N	laterial (Class	s III)			15.6 V	V	-		1			-		
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Name and Official Title (Please type or print)	Signature	Date Signed
Dan Johnson, VP Environment and Technical Services		201-21



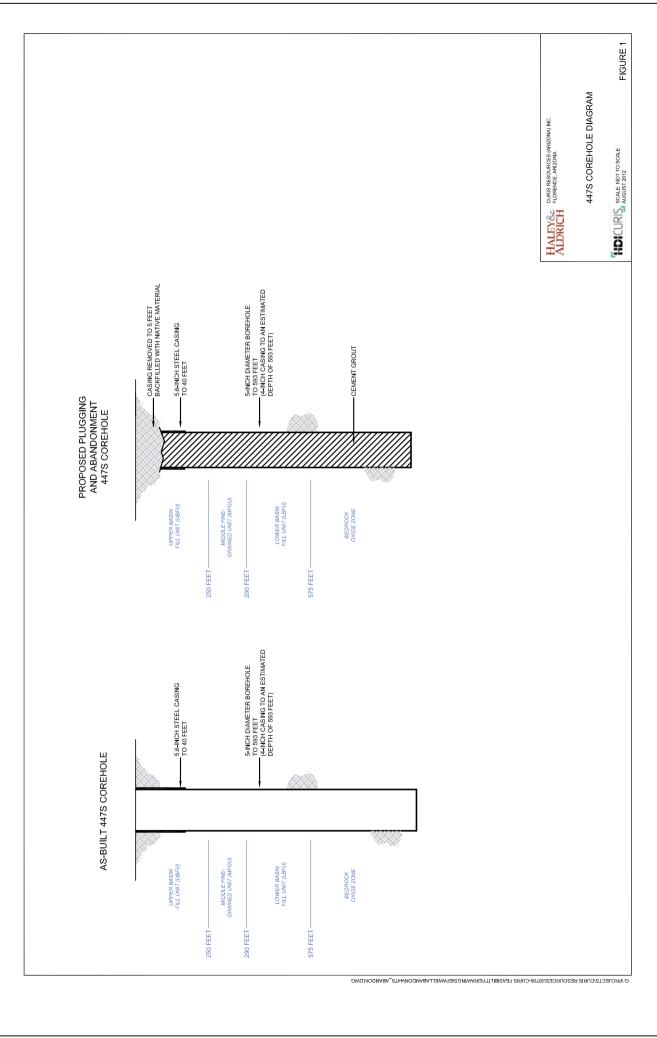
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w -	+		 		Surface Location and 830	520 ft. frn ft. from (E	n (N/S) <u>N</u> /W) <u>E</u> Lir AUTHORIZAT	om nearest lin Line of quarte ne of quarter se	r section	WELL	drilling unit	
	++- 		- † - - † - - † -		Rul	a Permit e r of Wells	<u>1</u> _		E	Brine Dispos Inhanced Re Iydrocarbon	covery	
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	CEMENTING	TO PLUG AND	ABANDON DA	ATA:		PLUG #1	PLUG #	2 PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of I	lole 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	280					
	Cement To Be		ug)			66.1	10.5					
	olume To Be Pu					84.7	13.5					
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\$13,71	ed Cost to Plug 5	Wells										
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Name an	d Official Title	(Please type o	or print)		Sign	nature	-				Date Signed	R .
Dan Jo	hnson, VP En	vironment an	d Technical S	Services		9	(10			Foles	Linch



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United States Environmental Protection Agency Washington, DC 20460

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	ce Copper Pro V Hunt Hwy,	oject Florence Ariz	ona 85132						es (Arizona Hwy, Flore	n) Inc ence, Arizon	a 85132		
	cate Well and C	Dutline Unit on Acres			State Arizona				unty nal		garden microsoftware	Number 6000001	
	**************************************	N			properations	ocation De							
	111	Ť!!	- !		SE 1/4	of <u>NE</u> 1/4 o	f <u>NW</u> 1/4	of S	1/4 of	Section 28	Township	4S Range	9E
	++ ++ 	- - -	- - - - - -		Surface Location	540 ft. frm	(N/S) N	Lin	nearest line ne of quarter f quarter se	section	section and	drilling unit	
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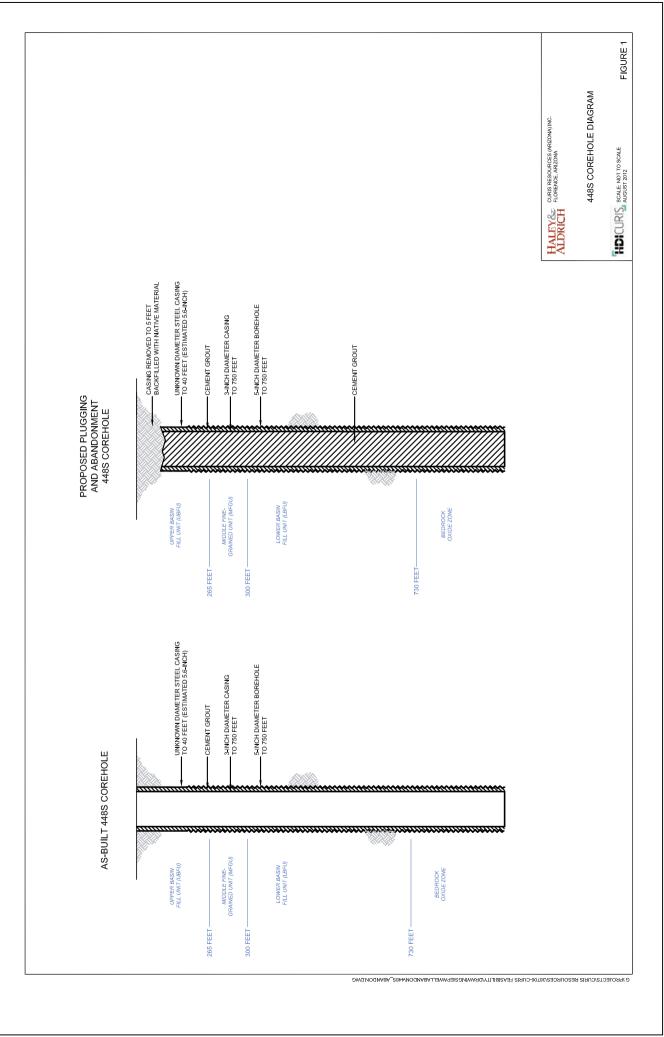
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1575 V	W Hunt Hwy,	Florence A	rizona 85132						rence, Arizoi	na 85132		
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			<u> </u>			TYPE OF	AUTHORIZAT	ION		WELL /	ACTIVITY	
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SIZE	WT (LB/FT)	TO BE PU	T IN WELL (FT)	TO BE L	EFT IN W	ELL (FT)	HOLE SIZ	E V T	he Balance Me	thod		
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5.6est	13.70-EST.	0		35			6.75		he Two-Plug N			
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Size of I	dole or Pipe in	which Plug	Will Be Placed (inche		3						
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	olume To Be Pu		t.)			36.57				-		
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				w 11 = 1 = 1								
STATE OF STREET	ed Cost to Plug	Wells										
\$13,7	15											

Name	and Official	Title	(Please type or print)
Dan	Johnson, V	P En	vironment and Technical Services

Signature

Date Signed

09/07/2012



Name and Address of Facility Florence Copper Project 1575 W Hunt Hwy, Florence Arizona 85132 Locate Well and Outline Unit on Section Plat - 640 Acres N N Locate Surface Locatic and 93t R								
Name and Address of Facility Florence Copper Project 1575 W Hunt Hwy, Florence Arizona 85132 Locate Well and Outline Unit on Section Plat - 640 Acres N N NW 1/1 Locate Surface Locatic and 938 W CASING AND TUBING RECORD AFTER PLUGGI SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN 3 9.11-EST. 0 865			IENT PL	AN				
Locate Well and Outline Unit on Section Plat - 640 Acres N W Locate Well and Outline Unit on Section Plat - 640 Acres N Locate Surface Locatic and 931 W CASING AND TUBING RECORD AFTER PLUGGI SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN 3 9.11-EST. 0 865		Name and Add		30000				
Locate Well and Outline Unit on Section Plat - 640 Acres N N Locate Surface N Locate Surface Locatic and 93i In A R Numb S CASING AND TUBING RECORD AFTER PLUGGI SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN 3 9.11-EST. 0 865	Curis Resources (Arizona) Inc 1575 W Hunt Hwy, Florence, Arizona 85132							
Locate Well and Outline Unit on Section Plat - 640 Acres N N Locate Surface NW 1/1 Locate Surface Locatic and 938 In I						Number		
Surface NW 1/1 Locate Surface Locatic and 938 In I	County Permit Number							
W 1/2 Locate Surface Locatic and 930 In I	urface Location Description							
W Lease I CASING AND TUBING RECORD AFTER PLUGGI SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN 3 9.11-EST. 0 865	W 1/4 of SE 1/4 of NW 1/4 of SW 1/4 of Section 28 Township 4S Range 9E							
Surface Locatic and 93 In I								
Locatic and 938 In part of the put in well (FT) To be left in 3 9.11-EST. 0 865	ate well in two directions from nearest lines of quarter section and drilling unit							
A and 931 W A and 931 In I	April Control of the	m (N/S) N L		Carriera w Carriera				
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Lease				V CLA	SS III			
CASING AND TUBING RECORD AFTER PLUGGI SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN 3 9.11-EST. 0 865	NA NA			Well Numl	453S			
SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN 3 [9.11-EST.] [0] [865]	250000		I METH	and the same of th		F CEMENT PI	luce	
3 9.11-EST. 0 865	19.9.	I	- MEIH	OD OF EMPL	ACEMENTO	r CEMENT PL	_065	
	WELL (FT)	HOLE SIZE		Balance Me				
5.0est 15.70-E.51 0 55		5		Dump Baile				
		6.75	5 The Two-Plug Method Other					
			H L Ott	ier				
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:	3							
Depth to Bottom of Tubing or Drill Pipe (ft	870							
Sacks of Cement To Be Used (each plug)	33.1							
Slurry Volume To Be Pumped (cu. ft.)	42.46							
Calculated Top of Plug (ft.)	5							
Measured Top of Plug (if tagged ft.)	5							
Slurry Wt. (Lb./Gal.)	15.6	4						
Type Cement or Other Material (Class III)	V							
LIST ALL OPEN HOLE AND/OR PERFORATED IN	TERVALS A	ND INTERVALS		ING WILL BE	VARIED (if a	ny) To		
From To			From			10		
870 5								
Estimated Cost to Plug Wells				L.				
\$13,715								
	Certific							

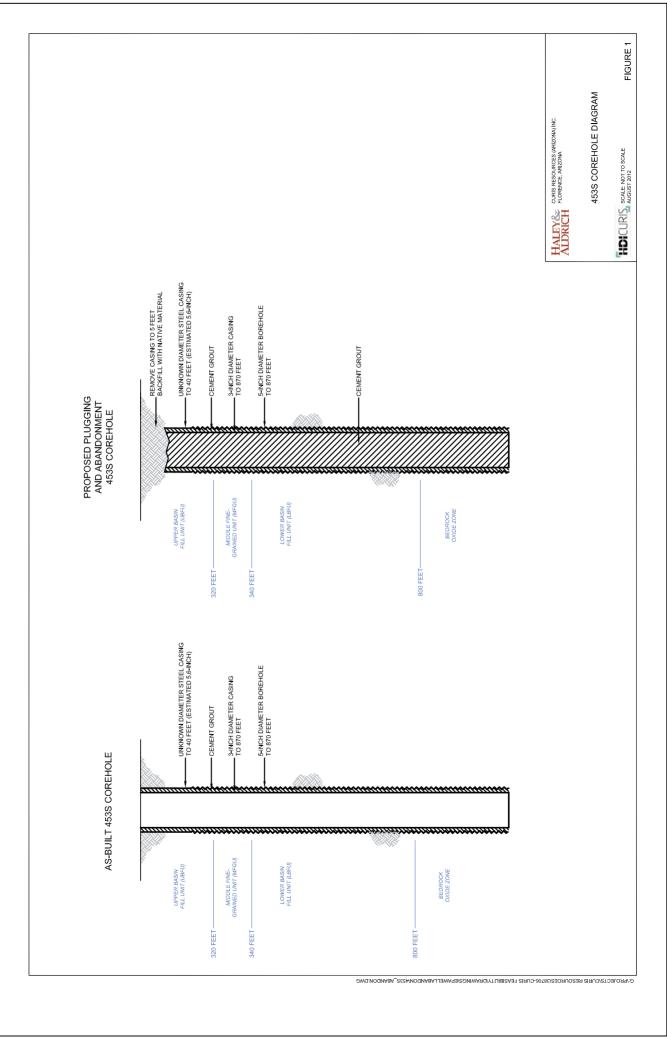
Name and Official Title	(Please type or print)	
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Dan Johnson, VP Environment and Technical Services

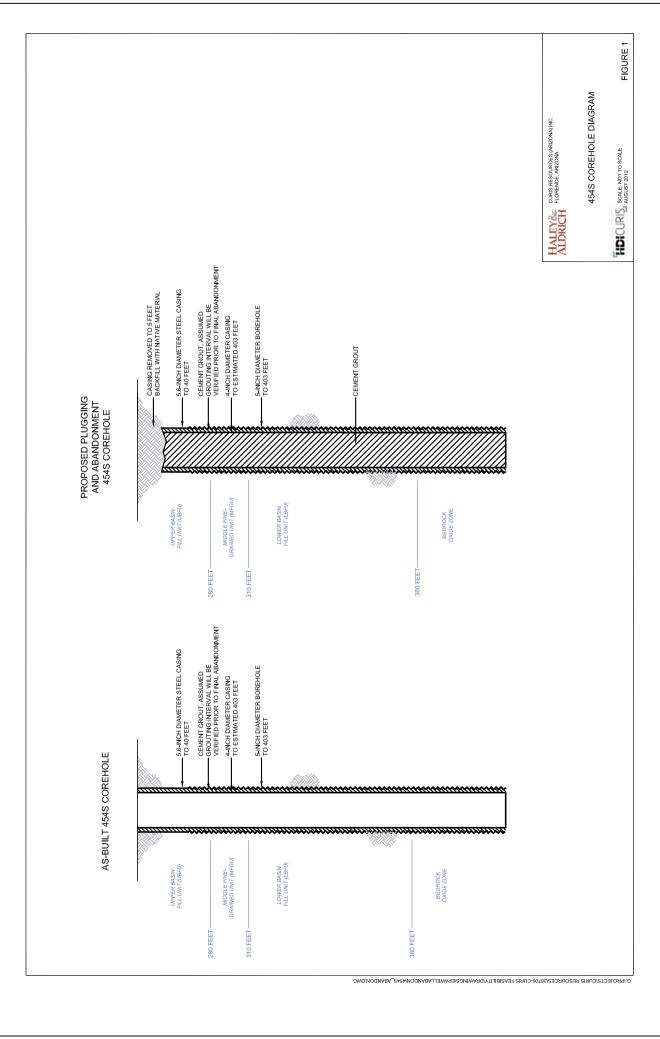
Signature

Date Signed

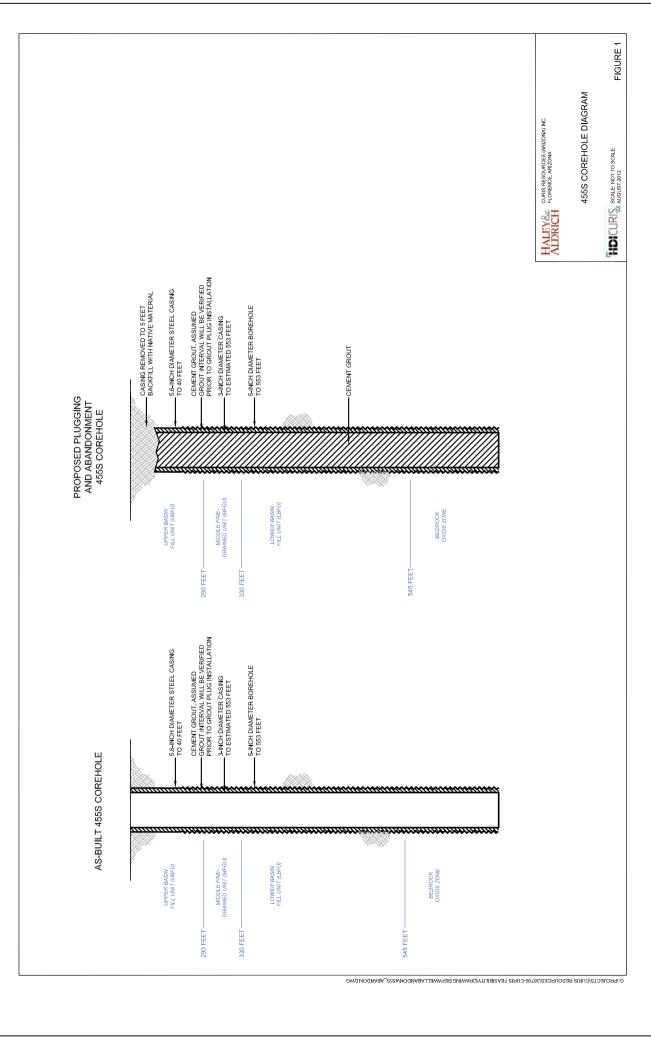
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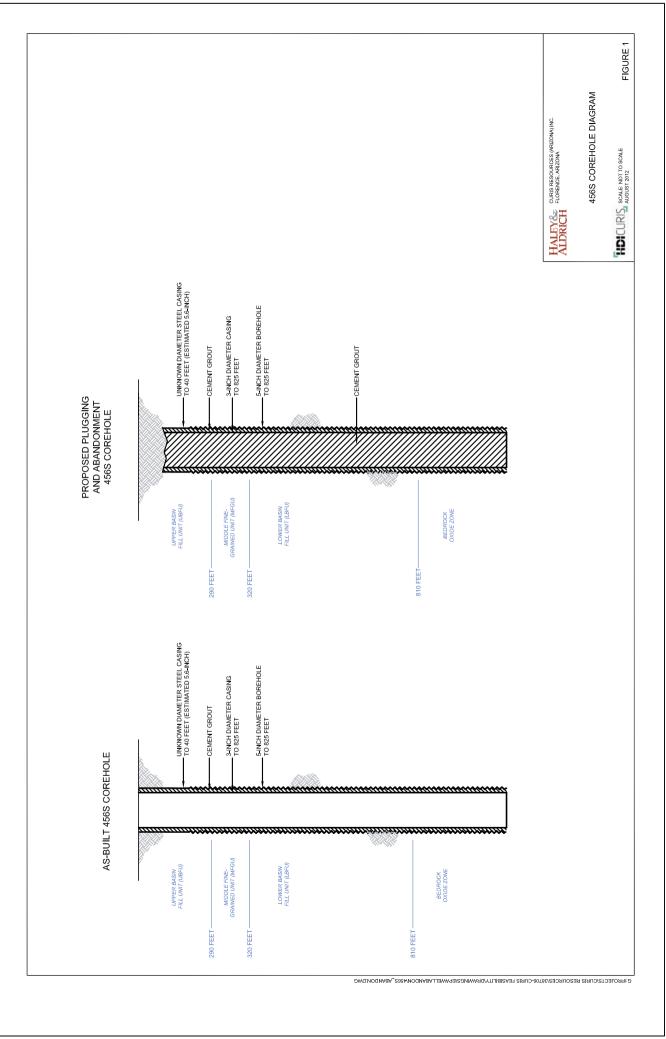
θE	PA		PLU	United States W IGGING AN	/ashington	DC 20460		.AN					
Floren	d Address of F ce Copper Pro V Hunt Hwy,	ject	ona 85132		Name and Address of Owner/Operator Curis Resources (Arizona) Inc 1575 W Hunt Hwy, Florence, Arizona 85132								
	cate Well and C		-	State Arizon	ıa		County Pinal				Permit Number AZ396000001		
		N		Annual Section 1	Location D		American Mills						
	$\overline{\mathbf{I}}$	Ť!		NE 1/4	NE 1/4 of <u>SE</u> 1/4 of <u>NW</u> 1/4 of <u>SW</u> 1/4 of Section <u>28</u> Township <u>4S</u> Range <u>9E</u>								
	+	Surface Location and 128	Locate well in two directions from nearest lines of quarter section and drilling unit Surface Location 950 ft. frm (N/S) N Line of quarter section and 1280 ft. from (E/W) W Line of quarter section. TYPE OF AUTHORIZATION WELL ACTIVITY Individual Permit CLASS I CLASS II										
	•			Ru				party	Brine Dispos	al			
	7-67		-7-1	Nivers	er of Wells	1		☐ E	nhanced Re	covery			
	ナートナ	-		Numb	er of wells	-			lydrocarbon	Storage			
-	1 1 1	نـنــــــــــــــــــــــــــــــــــــ						✓ CLA					
		s		Lease N	ame NA		Well Num	II Number 454S					
	CA	SING AND TUE	BING RECORD	AFTER PLUGGIN	IG		METH	IOD OF EMPL	ACEMENT O	F CEMENT P	LUGS		
SIZE	WT (LB/FT)	TO BE PUT II	N WELL (FT)	TO BE LEFT IN	WELL (FT)	HOLE SIZ	₽ I I I I I I I I I I I I I I I I I I I	e Balance Me	thod				
4	10.79-EST.	0		398 - ESTIMA	TED	5	_ =	e Dump Baile					
5.6	13.70-EST	0		35		6.5		e Two-Plug N					
							Ot	her					
					-			-			7		
		TO PLUG AND		- Contraction	PLUG#	1 PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
	lole or Pipe in			inche	4	4			-				
	Bottom of Tub Cement To Be				403 est		-						
	olume To Be Pu		ug)		34.7	-							
-	ed Top of Plug				5		1						
	d Top of Plug (5								
Slurry W	t. (Lb./Gal.)				15.6								
Type Cer	nent or Other N	Material (Class	III)		V								
	LIS	ST ALL OPEN H	OLE AND/OR	PERFORATED INT	TERVALS A	ND INTERVAL	S WHERE CAS	ING WILL BE	VARIED (if a	iny)			
	From			То			From			То			
403			5										
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1								1	-				
Estimate \$13,71	d Cost to Plug 5	Wells											
att inf	achments and	that, based on ie, accurate, ar	my inquiry o	personally examin f those individua I am aware that t 0 CFR 144.32)	ls immediat	familiar with ely responsi	ble for obtaini	ng the inforn	nation, I beli	eve that the	,		
										Date Claus			
ne amela	a Official Title	(Please type of	or print)	Sig	nature		1.			Date Signed			



≎EPA	Unit PLUGGI	Wa	shington,			.AN				
Name and Address of Facility Florence Copper Project 1575 W Hunt Hwy, Florence Arizona 8	5132		Name and Address of Owner/Operator Curis Resources (Arizona) Inc 1575 W Hunt Hwy, Florence, Arizona 85132							
Locate Well and Outline Unit on Section Plat - 640 Acres		State Arizona			County Pinal					
N		property distribution of the	Location D			411 222 10000		Signal The		
w	E	Locate w Surface Location and 1060 Indi V Area	960 ft. frr ft. from (E TYPE OF vidual Per	m (N/S) N /W) W Lin AUTHORIZAT	om nearest line Line of quarte e of quarter se					
s		Lease Na	me NA			Well Num	ber 455S			
CASING AND TUBING F	ECORD AFTER				METH	OD OF EMPL	History and the same of	F CEMENT P	LUGS	
SIZE WT (LB/FT) TO BE PUT IN WEL 3 9.11-EST 0 5.6 13.70-EST 0	E LEFT IN WELL (FT) HOLE SIZE est 5 7.88			∏ ∐ Th	The Dump Bailer Method The Two-Plug Method					
					Ot	ner				
					4		T	[
CEMENTING TO PLUG AND ABAN			PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	
Size of Hole or Pipe in which Plug Will Be F Depth to Bottom of Tubing or Drill Pipe (ft	raced (inche:		553 est	+						
Sacks of Cement To Be Used (each plug)			21	1						
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							
LIST ALL OPEN HOLE A	200 ALCOHOLO (100 ALCOHOL) (100 ALCOHOLO (100 ALCOHOL) (100 ALCOHOLO (100 ALCOHOL) (100 ALCOHOL) (100 ALCOHOLO (100 ALCOHOLO (100 ALCOHOLO (100 ALCOHOL) (100 ALCOHOLO (100 ALCOHOLO (100 ALCOHOLO (100 ALCOHOL) (100 ALCOHOLO (10	NAME OF THE OWNER, WASHINGTON,	ERVALS AN	ID INTERVAL	27 - 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	ING WILL BE	VARIED (if a	V. 64		
From	То				From			То		
553 est 5										
Estimated Cost to Plug Wells \$13,715										
I certify under the penalty of law that attachments and that, based on my in information is true, accurate, and con possibliity of fine and imprisonment. Name and Official Title (Please type or prin	quiry of those plete. I am aw (Ref. 40 CFR 1	ly examine individuals vare that th 44.32)	immediate ere are sig	familiar with ely responsi	ble for obtaini	ng the inform	nation, I beli	eve that the		
Dan Johnson, VP Environment and Tecl			nature	\ /	1/					
Dan Johnson, vi Environment and Tech	inical Services	'	7)_(1			06/02	1/2012	



₽E	PA		PLU		Wa	shington,			^{Agency} ENT PL	AN				
Floren	d Address of F ce Copper Pro V Hunt Hwy,		I TONG TEACHER STOP				Name and A	Addr	ess of Owne	r/Operator	na 85132			
Loc	ate Well and C	Outline Unit on			State Arizona				ounty inal		Permit Number AZ396000001			
Sec	tion Plat - 640	Acres	-	- (escription	1	шаг		AZJ	0000001		
		N		View View	Surface Location Description NW 1/4 of SE 1/4 of NW 1/4 of SW 1/4 of Section 28 Township 4S Range 9E									
W					Locate well in two directions from nearest lines of quarter section and drillis Surface Location 960 ft. frm (N/S) N Line of quarter section and 810 ft. from (E/W) W Line of quarter section. TYPE OF AUTHORIZATION WELL ACTIVE CLASS II Individual Permit CLASS II Rule Brine Disposal Enhanced Recover Hydrocarbon Store						ACTIVITY al			
s					500	NA				Well Num				
					ease Na						100 100 100 100 100 100 100 100			
		ASING AND TUE	- Company - Comp						METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS	
SIZE	AND SECTION AND AND ADDRESS OF THE SECTION ADDRESS OF TH							IZE		Balance Me				
3 5 Cast	9.11-EST.	0				5	=		Dump Baile					
5.6est	5.6est 13.70-EST. 0 35						6.75	-		Two-Plug M	lethod			
							1-11-11-11-11-11-11-11-11-11-11-11-11-1	-	☐ Ott	ner				
	CEMENTING	TO PLUG AND	ABANDON DA	TA:		PLUG #1	PLUG	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	
Size of H	1-	which Plug Wi				3	1.255			1	1	1	1	
		oing or Drill Pip				825								
Sacks of	Cement To Be	Used (each plu	ıg)			31.4								
Slurry Vo	olume To Be Pu	umped (cu. ft.)				40.3								
	ed Top of Plug					5								
	d Top of Plug (if tagged ft.)				5								
	t. (Lb./Gal.)					15.6		-						
Type Cer		Material (Class				V								
		ST ALL OPEN H	OLE AND/OR		TED INTE	ERVALS AN	ID INTERV			ING WILL BE	VARIED (if a	To		
025	From		15	То				_	From			10		
825			10			- 1		-						
					_	- 11								
1														
Estimate \$13,71	d Cost to Plug 5	Wells												
att inf po	achments and ormation is tru ssibliity of fine	e penalty of lav that, based on ue, accurate, ar a and imprison	my inquiry ond complete. ment. (Ref. 4	f those inc I am awar	examine dividuals e that th .32)	immediat	familiar wit	sible	for obtaining	ng the inform	ation, I beli	eve that the		
Association and prices		vironment and	A CONTRACTOR OF THE PROPERTY O	Services	<	7			/			09/07	+12012	



				o	MB No. 2040-	0042 Ap	oroval Expire	s 11/30/2014		
≎EPA		Wa	shington	ntal Protection DC 20460		A N.I				
ŀ	LUGG	ING AN		MNOONM	2000 N. DO 11-1	William Control				
Name and Address of Facility Florence Copper Project 1575 W Hunt Hwy, Florence Arizona 851	32			Name and Addr Curis Resour 1575 W Hunt	ces (Arizon:	a) Inc	ia 85132			
United the second second second second		State		C	ounty		Permit	Number		
Locate Well and Outline Unit on Section Plat - 640 Acres	_	Arizona								
N				Description				(2010)20-1		
	7	SE 1/4 c	of <u>SE</u> 1/4	of <u>NW</u> 1/4 of	SW 1/4 of	Section 28	Township	4S Range	9E	
	well in two directions from nearest lines of quarter section and drilling unit $\frac{1170}{1} \text{ ft. frm (N/S)} \frac{N}{W} \text{ Line of quarter section}$									
w	E -	✓ Area	vidual Per Permit		N	CLAS	WELL ACTIVITY CLASS I CLASS II Brine Disposal Enhanced Recovery Hydrocarbon Storage CLASS III			
s		Lease Nar	me NA			Well Num	er 459S			
CASING AND TUBING RE	CORD AFT	ER PLUGGING	3		METH			F CEMENT PI	LUGS	
SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO	BE LEFT IN W	ELL (FT)	HOLE SIZE	√ The	Balance Me	thod			
5.6est 13.70-EST 0	35			6.5 The Dump Bailer Method The Two-Plug Method Other						
CEMENTING TO PLUG AND ABANDO	ON 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 Pla	ced (inche		5							
Depth to Bottom of Tubing or Drill Pipe (ft			NA							
Sacks of Cement To Be Used (each plug)			50.8						ļ	
Slurry Volume To Be Pumped (cu. ft.) Calculated Top of Plug (ft.)			65.2						-	
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 ANI	O/OR PERF	ORATED INTE	RVALS A	ND INTERVALS	WHERE CAS	ING WILL BE	VARIED (if a	ny)		
From		То			From			То		
483										
Estimated Cost to Plug Wells										
\$13,715										
		102	O a mile	-41						
I certify under the penalty of law that I h attachments and that, based on my inqu information is true, accurate, and comp possibliity of fine and imprisonment. (f	iry of thos lete. I am	nally examine se individuals aware that the	immedia	familiar with th	e for obtaining	ng the inform	ation, I belie	eve that the	r.	

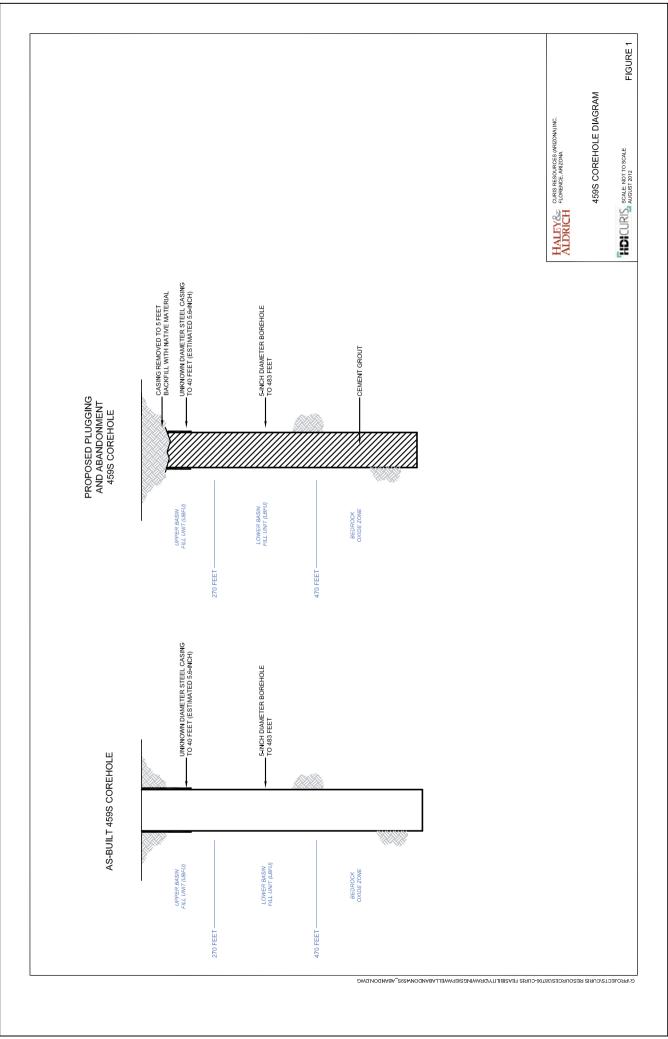
Name and Official Title (Please type or print)

Dan Johnson, VP Environment and Technical Services

Signature

Date Signed

09/07/2012



⊕ E	PA		PLU		Washi	ngton,	tal Protection DC 20460	n Agency IENT PL	.AN			
Floren	nd Address of F ce Copper Pro W Hunt Hwy,	ject	zona 85132				Curis Resou	dress of Owne rces (Arizon nt Hwy, Flor	a) Inc	na 85132		
0.000000			ì	0.000	State County Permit N Pinal AZ396						Number 6000001	
3 9.11-EST 0 469					Individual Permit ☐ CLASS II ✓ Area Permit ☐ CLASS II Rule ☐ Brine D Number of Wells ☐ Enhance ☐ Hydroca ✓ CLASS III Well Number 46				WELL A SS I SS II Brine Dispose Enhanced Re Hydrocarbon SS III ber 460MF	ON AND DESIGNATION OF CEMENT PLUGS		
6	13.70			45			7.88 The Two-Plug Method					
								Ot	her			
	CEMENTING	S TO PLUG AND	ABANDON DA	ATA:		LUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
	tole or Pipe in			inche	3	7.4	1	1	1			
-	Bottom of Tul		***************************************		18		4	-				
	olume To Be Pi				1.55.5	3.02	1					
	ed Top of Plug				5	3.00	1	1				
	d Top of Plug (5							
Slurry V	/t. (Lb./Gal.)				[15	5.6						
Type Ce	ment or Other I	Material (Class	111)		V							
	LIS	ST ALL OPEN H	IOLE AND/OR	PERFORATE	ED INTERV	ALS AN	D INTERVAL		SING WILL BE	VARIED (if a		
	From			То		-		From			То	
474			5			-						
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\$13,71	ed Cost to Plug 5	Wells										
at in po	ertify under the tachments and formation is trussibility of fine and Official Title	that, based or ie, accurate, a a and imprison	n my inquiry o nd complete. iment. (Ref. 4	f those indiv I am aware	xamined ar viduals im that there	mediate are sigi	amiliar with t	le for obtaini	ng the inforn	nation, I belie	eve that the	
Dan Io	hoson VP En	vironment an	d Technical S	Services			1	111			-1 -	11.

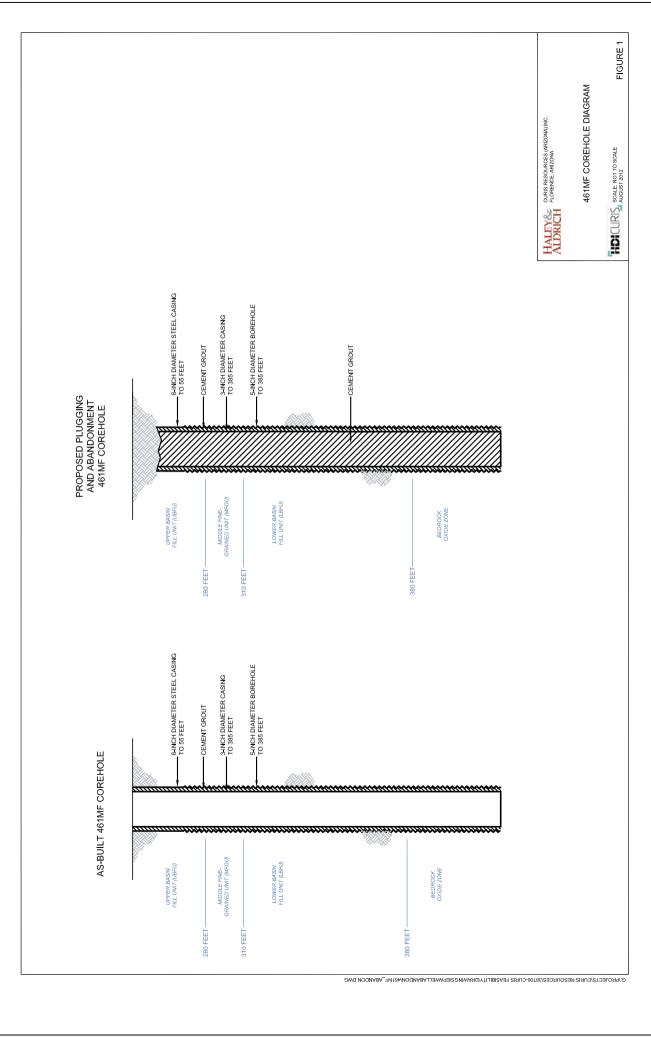
460MF COREHOLE DIAGRAM HALEY& CURIS RESOURCES (ARIZONA) INC. ALDRICH HOLURIS SCALE: NOT TO SCALE 6-INCH DIAMETER STEEL CASING TO 50 FEET CASING REMOVED TO 5 FEET BACKFILL WITH NATIVE FILL 5-INCH DIAMETER BOREHOLE TO 474 FEET CEMENT GROUT, ASSUMED (WILL BE VERIFIED PRIOR TO ABANDONMENT) 3-INCH DIAMETER CASING TO 474 FEET - CEMENT GROUT PROPOSED PLUGGING AND ABANDONMENT 460MF COREHOLE MIDDLE FINE-GRAINED UNIT (MFGU) UPPER BASIN FILL UNIT (UBFU) LOWER BASIN FILL UNIT (LBFU) BEDROCK OXIDE ZONE 464 FEET-290 FEET 350 FEET 6-INCH DIAMETER STEEL CASING TO 50 FEET 5-INCH DIAMETER BOREHOLE TO 474 FEET CEMENT GROUT, ASSUMED (WILL BE VERIFIED PRIOR TO ABANDONMENT) 3-INCH DIAMETER CASING TO 474 FEET AS-BUILT 460MF COREHOLE MIDDLE FINE-GRAINED UNIT (MFGU) UPPER BASIN FILL UNIT (UBFU) LOWER BASIN FILL UNIT (LBFU) BEDROCK OXIDE ZONE 464 FEET -290 FEET 350 FEET C/PPROJECTS/CURIS RESOURCES/38706-CURIS FEASIBILITY/DRAWINGS/EPAWELLABANDON/460MF_ABANDON.DWG

FIGURE 1

.C.EDA

United States Environmental Protection Agency Washington, DC 20460

ACL			PLU	JGGII	NG AN	D ABA	NDON	MENT P	LAN				
Name and A	ddress of F	acility				N	ame and A	ddress of Ow	ner/Operator				
	Copper Pro lunt Hwy,	ject Florence Ariz	zona 85132					ources (Arizo unt Hwy, Flo	na) Inc orence, Arizon	a 85132			
	Well and C	Outline Unit or Acres	n		State Arizona	i	County						
. nomnibacion		N			Surface I	ocation De	escription						
	TT	ŤΤ			NE 1/4	of <u>NE</u> 1/4	of <u>SW</u> 1/4	of <u>SW</u> 1/4 of	Section 28	Township	4S Range	9E	
-+ -+ -+	Surface Location 1180 and 1260 ft. fro					1180 ft. frn	in two directions from nearest lines of quarter section and drilling unit 30 ft. frm (N/S) S Line of quarter section						
w			i i		(12.1 = 16.1	TYPE OF A	UTHORIZA	TION		WELL	ACTIVITY		
"	i i		i i l'		The state of the s	vidual Perr	nit		CLAS	IS I			
					1	a Permit			CLAS				
-i	-ii-	-F-i-	-+-1		Rul	e				rine Dispos			
Li	ĬÌ	Li			Number	r of Wells			Toronto.	nhanced Re	DM - DB		
					(79340)	2040AV (1031843.63-				ydrocarbon	Storage		
						NT A			✓ CLAS				
S Lease Name						me NA			Well Numb	er 461MF			
CASING AND TUBING RECORD AFTER PLUGGING								ME	THOD OF EMPL	ACEMENT O	F CEMENT PI	LUGS	
SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN WELL (FT)						ELL (FT)) HOLE SIZE The Balance Method						
6 13	6 13.70-EST 0 50						7.88 The Dump Bailer Method						
3 9.	3 9.11-EST. 0 380						5		he Two-Plug M	ethod			
									Other				
											,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		TO PLUG ANI				PLUG #1	PLUG #	2 PLUG#	PLUG #4	PLUG #5	PLUG #6	PLUG #7	
		which Plug W		(inche:		3	4		4	1		-	
		oing or Drill Pi Used (each pl				385	4			h	-	-	
		umped (cu. ft.)				18.7						1	
Calculated T						5	1		+	-		-	
		if tagged ft.)				5	1						
Slurry Wt. (L		. tagget in				15.6							
NAME OF TAXABLE PARTY.		Material (Class	III)			V							
				PERFOR	RATED INTE		D INTERVA	LS WHERE C	ASING WILL BE	VARIED (if a	ny)		
	From		and the second s	То				From			То	101	
385			5										
Estimated C	ost to Plug	Wells											
\$13,715													
Logatio	fy under the	nenalty of la	w that I have	nersonal		Certifica		the informat	on submitted i	n this docur	nent and all		
attach inform	ments and nation is tru	that, based or	n my inquiry on nd complete.	of those	individuals are that th	immediate	ly respons	ible for obtain	ning the inform	ation, I belie	eve that the	e .	
Name and O	fficial Title	(Please type	or print)		Sign	nature		1			Date Signed		
		vironment an		Services		-					09/07	12	
- Johnson						_	-7		-		01104	17017	



O EDA		United			ntal Protection DC 20460	Agency					
\$EPA	PL	UGGIN				IENT PL	AN				
Name and Address of I	acility	100000000000000000000000000000000000000		- 1	Name and Add	iress of Owne	r/Operator				
Florence Copper Pro				Curis Resources (Arizona) Inc							
1575 W Hunt Hwy,	Florence Arizona 85132				1575 W Hu	nt Hwy, Flore	ence, Arizor	ıa 85132			
Locate Well and	Outline Unit on		State		County Permit Number						
Section Plat - 640		1	Arizona		1	Pinal		AZ39	6000001		
	N	1		urface Location Description							
			NE 1/4 of NE 1/4 of SW 1/4 of SW 1/4 of Section 28 Township 4S Range 9E								
<u> </u>			Locate we	II in two	directions fro	m nearest line	s of quarter	section and	drilling unit		
Surface											
				cation 1190 ft. frm (N/S) S Line of quarter section							
H+-H+			and <u>1060</u> f	t. from (E	/W) W Line	of quarter se	ction.				
w	TYPE OF	AUTHORIZATI	ON	_	WELL	ACTIVITY					
				idual Per	mit		L CLAS				
		- 1	✓ Area	200700000000000000000000000000000000000			L CLA				
-++				principal and the second	Irine Dispos						
	of Wells	1		4	nhanced Re	(1.30 MH) F					
1 1 1		- 1			Hydrocarbon Storage ✓ CLASS III						
N	s			NA							
			Lease Nam	ne ''''			Well Num	ber 462MF			
C	ASING AND TUBING RECO	RD AFTER F	LUGGING			METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS	
SIZE WT (LB/FT)	TO BE PUT IN WELL (FT		EFT IN WE	LL (FT)	HOLE SIZE	_ ✓ The	Balance Me	thod			
3 9.11-EST.	0	489			5	The	Dump Baile	er Method			
6 13.70-EST.	0	60			7.88		Two-Plug N	lethod			
		+				Oth	ier				
CEMENTING	G TO PLUG AND ABANDON	DATA	T	PLUG #	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	
	which Plug Will Be Placed	C20007/07		3	FLOG #2	F L U G # 3	FLOG #4	FE00 #5	PEGG WO	1 200 #/	
Depth to Bottom of Tu		(111-211-21	_	494	1			-			
Sacks of Cement To Be				18.7	1						
Slurry Volume To Be P				24							
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							
	ST ALL OPEN HOLE AND/O		TED INTER	RVALS AN	ND INTERVAL		ING WILL BE	VARIED (if a			
From		То				From			То		
494	5										
		-									
Estimated Cost to Plug	Wells						1				
\$13,715											

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 a	nd Official	Title /	Please	type or	print)

Dan Johnson, VP Environment and Technical Services

Signature

Date Signed

CASING REMOVED TO 5 FEET - BACKFILLED WITH NATIVE MATERIAL 6-INCH DIAMETER STEEL CASING TO 65 FEET 5-INCH DIAMETER BOREHOLE TO 494 FEET CEMENT GROUT, ASSUMED • (WILL BE VERIFIED PRIOR TO ABANDONMENT) 3-INCH DIAMETER CASING TO 494 FEET -CEMENT GROUT PROPOSED PLUGGING AND ABANDONMENT 462MF COREHOLE MIDDLE FINE-GRAINED UNIT (MFGU) LOWER BASIN FILL UNIT (LBFU) UPPER BASIN FILL UNIT (UBFU) BEDROCK OXIDE ZONE 485 FEET 330 FEET 6-INCH DIAMETER STEEL CASING TO 65 FEET 5-INCH DIAMETER BOREHOLE TO 494 FEET CEMENT GROUT, ASSUMED (WILL BE VERIFIED PRIOR TO ABANDONMENT) 3-INCH DIAMETER CASING TO 494 FEET AS-BUILT 462MF COREHOLE MIDDLE FINE-GRAINED UNIT (MFGU) LOWER BASIN FILL UNIT (LBFU) UPPER BASIN FILL UNIT (UBFU) BEDROCK OXIDE ZONE 485 FEET -270 FEET 330 FEET



462MF COREHOLE DIAGRAM

HOLURIS SCALE: NOT TO SCALE

FIGURE 1

1200		
	-	
40	Description 1	W W

United States Environmental Protection Agency Washington, DC 20460

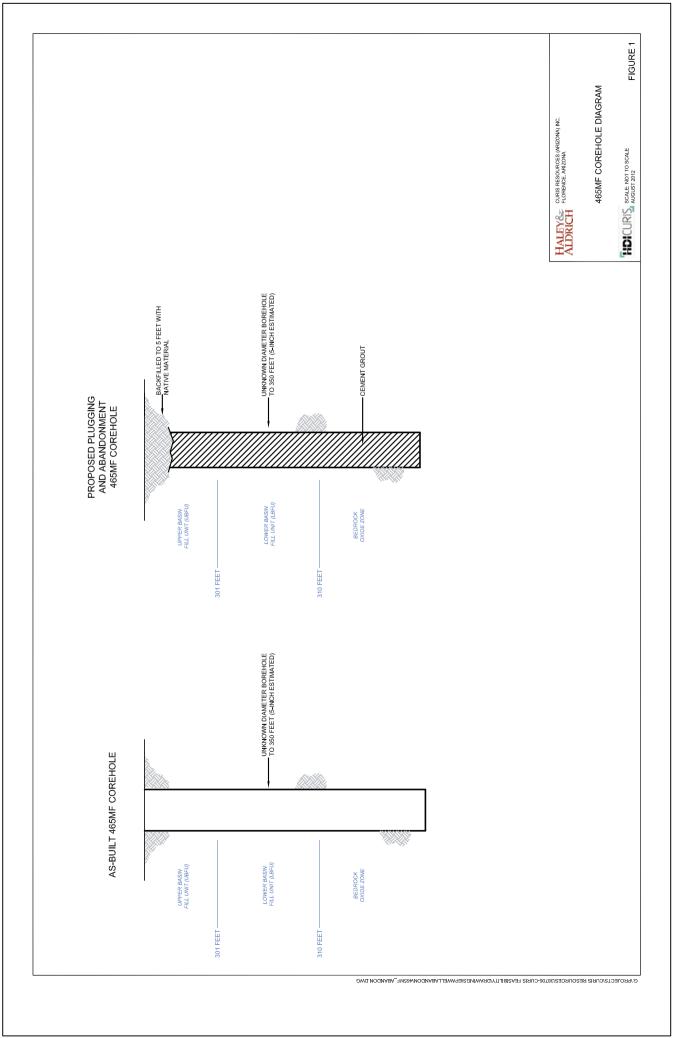
W.E.	ra		PL	UGGI	NG AN	D ABA	NDON	IMI	ENT PL	AN					
	d Address of F					Name and Address of Owner/Operator									
	ce Copper Pro V Hunt Hwy, l	iject Florence Ariz	ona 85132						ces (Arizona Hwy, Flore		na 85132				
Locate Well and Outline Unit on Section Plat - 640 Acres									County Pinal			Permit Number AZ396000001			
						Surface Location Description									
	N N					NW 1/4 of <u>NE</u> 1/4 of <u>SW</u> 1/4 of <u>SW</u> 1/4 of Section <u>28</u> Township <u>4S</u> Range <u>9E</u>									
		- - -	-+- -+- -+-		Locate well in two directions from nearest lines of quarter section and drilling unit Surface Location 1290 ft. frm (N/S) S Line of quarter section and 850 ft. from (E/W) W Line of quarter section.										
w			E			TYPE OF AUTHORIZATION			N		ACTIVITY	CTIVITY			
					Individual Permit				CLASS I						
					✓ Area Permit										
						Rule				Brine Disposal					
	ユーレユ.				Number of Wells 1				Enhanced Recovery						
	1 1 1	1 1	1						Hydrocarbon Storage ✓ CLASS III						
_		NA													
		S	Lease Name				Well Number 463MF								
0175	0.000	PLUGGING			75	METHOD OF EMPLACEMENT OF CEMENT PLUGS									
SIZE	WT (LB/FT)	TO BE PUT IN	VVELL (FI)		E LEFT IN WELL (FT) HOLE SIZE				✓ The Balance Method						
6	9.11-EST. 0 715 13.70-EST. 0 45					7.88				The Dump Bailer Method					
0	13.70-E31.		7.00	-	The Two-Plug Method										
				1					Other						
	CEMENTING	TO PLUG AND	ABANDON I	DATA:		PLUG #1	PLUG	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
Size of H	ole or Pipe in	which Plug Wil	I Be Placed	(inche:		3	Tr.								
Depth to Bottom of Tubing or Drill Pipe (ft 720							Ji .								
Sacks of Cement To Be Used (each plug) 27.4															
Slurry Volume To Be Pumped (cu. ft.) 35.1							1								
Calculated Top of Plug (ft.) 5															
Measured Top of Plug (if tagged ft.)							4-	-							
	t. (Lb./Gal.)		15.6 V	4	-					-					
Type Cen		Material (Class		. neses		The state of the s	D MITERIA		AUJEDE 040	No well co	WARIED 45				
	From	ST ALL OPEN H	OLE AND/O	R PERFOI		ERVALS AN	IN INTERVA		From	ING WILL BE	VARIED (If 8	To			
720	FIOII		5	10		11						.,,			
120						-									
						1									
Estimate	d Cost to Plug	Wells								Ar .					
\$13,71	5														
					15 8	Certifica	ation	¥ 10.	b 32 14	ge swari oes	W 72 8 W	8 A W			
att. infe	achments and ormation is tru	e penalty of lav that, based on le, accurate, ar and imprison	my inquiry id complete	of those	individuals vare that th	immediate	ely respons	sible	for obtaining	g the inform	nation, I belie	eve that the	1		
Name and Official Title (Please type or print) Signature												Date Signed			
Dan Johnson, VP Environment and Technical Services						5	-		09/07/2012						
						2	-		1			0110-	L / 10/ 7		

463MF COREHOLE DIAGRAM HALEY& CURIS RESOURCES (ARIZONA) INC. ALDRICH CASING REMOVED TO 5 FEET BACKFILLED WITH NATIVE MATERIAL 6-INCH DIAMETER STEEL CASING TO 50 FEET 5-INCH DIAMETER BOREHOLE TO 720 FEET CEMENT GROUT, ASSUMED • (WILL BE VERIFIED PRIOR TO ABANDONMENT) 3-INCH DIAMETER CASING TO 720 FEET -CEMENT GROUT PROPOSED PLUGGING AND ABANDONMENT 463MF COREHOLE MIDDLE FINE-GRAINED UNIT (MFGU) LOWER BASIN FILL UNIT (LBFU) UPPER BASIN FILL UNIT (UBFU) BEDROCK OXIDE ZONE 680 FEET 300 FEET 340 FEET 6-INCH DIAMETER STEEL CASING TO 50 FEET 5-INCH DIAMETER BOREHOLE TO 720 FEET CEMENT GROUT, ASSUMED (WILL BE VERIFIED PRIOR TO ABANDONMENT) 3-INCH DIAMETER CASING TO 720 FEET AS-BUILT 463MF COREHOLE MIDDLE FINE-GRAINED UNIT (MFGU) LOWER BASIN FILL UNIT (LBFU) UPPER BASIN FILL UNIT (UBFU) BEDROCK OXIDE ZONE 680 FEET -300 FEET 340 FEET G/PROJECTS/CURIS RESOURCES/38706-CURIS FEASIBILITY/DRAWINGS/EPAWELLABANDON/463MF_ABANDON/DWG

FIGURE 1

HOLURIS SCALE: NOT TO SCALE

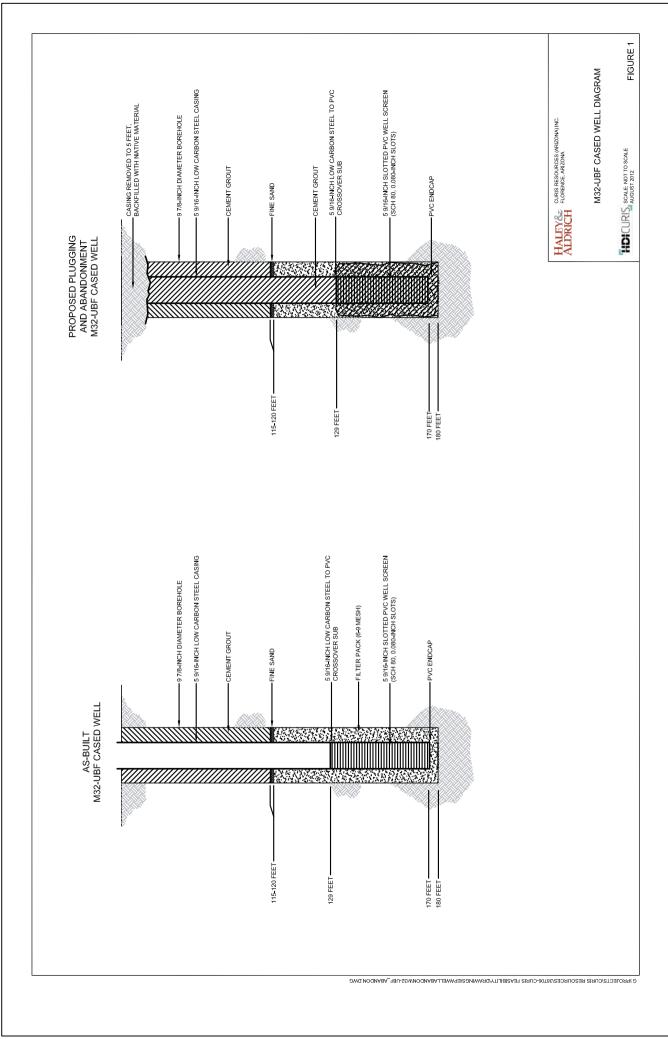
₽E	PA		PLU		w	ashington,	ntal Protecti DC 20460		5). A	AN					
Name and Address of Facility Florence Copper Project 1575 W Hunt Hwy, Florence Arizona 85132							Name and Address of Owner/Operator Curis Resources (Arizona) Inc 1575 W Hunt Hwy, Florence, Arizona 85132								
47,100	cate Well and C			State Arizona			County Pinal			promise and process	Permit Number AZ396000001				
Section Plat - 640 Acres					Surface Location Description NW 1/4 of NW 1/4 of SE 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 1010 ft. frm (N/S) S Line of quarter section and 1190 ft. from (E/W) W Line of quarter section.									
w <u>-</u>	W					TYPE OF AUTHORIZATIO Individual Permit Area Permit Rule Number of Wells 1			☐ CLASS I ☐ CLASS II ☐ Brine Disposal ☐ Enhanced Recovery ☐ Hydrocarbon Storage ✓ CLASS III						
		s		Lease Name NA				Well Number 465MF							
NA						E LEFT IN WELL (FT) HOLE SIZ			✓ The Balance Method ☐ The Dump Bailer Method ☐ The Two-Plug Method ☐ Other						
	CEMENTING	TO PLUG AND	ATA:		PLUG #	12	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7				
	lole or Pipe in		inche:		5-EST										
	Bottom of Tub			NA 26.7		4	-								
	Cement To Be olume To Be Pu				36.7	4		-							
	ed Top of Plug				5	1									
	d Top of Plug (5										
Slurry W	t. (Lb./Gal.)			15.6											
Type Ce	ment or Other N	Material (Class			V										
	LIS	T ALL OPEN H	IOLE AND/OR	PERFOR	RATED INT	ERVALS AN	ID INTERVA	LS V	VHERE CAS	ING WILL BE	VARIED (if a	ny)			
	From		То	Го			From				То				
350	350														
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Estimate \$13,71	ed Cost to Plug 5	Wells													
at in po	ertify under the tachments and formation is tru ssibility of fine	that, based on ie, accurate, ar and imprison	my inquiry on nd complete. ment. (Ref. 4	f those I am aw	lly examine individuals vare that th 44.32)	s immediat iere are sig	familiar with ely respons	ible	for obtaining	ng the inforn	nation, I belie	eve that the			
Appropriate and republished	nd Official Title hnson, VP En	manufacture and the second		nature	aglazla-										



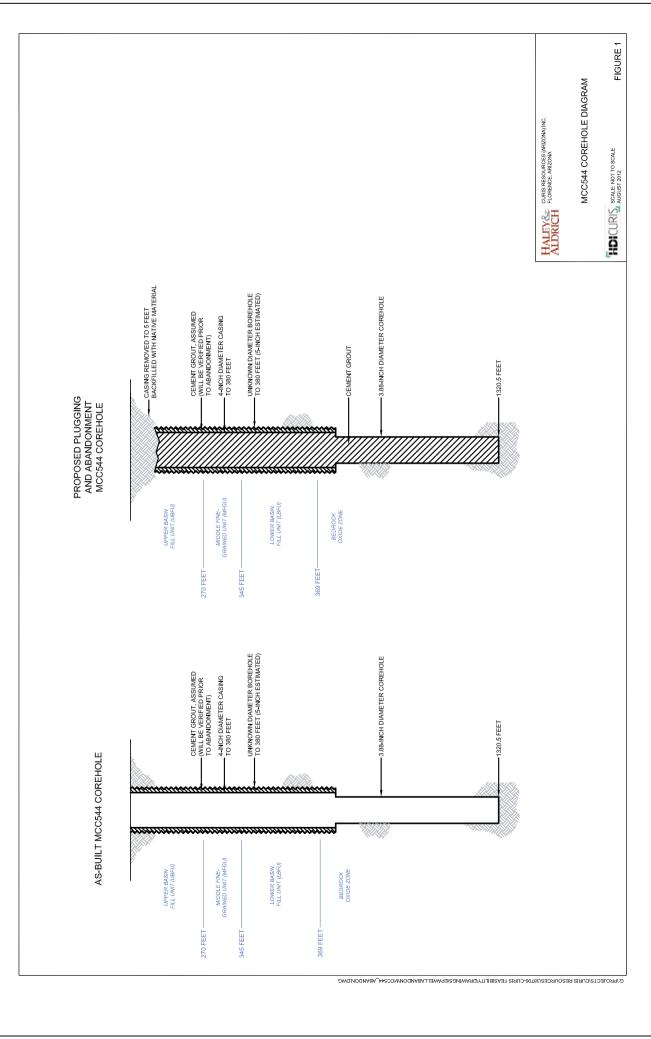
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United States Environmental Protection Agency Washington, DC 20460

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A STATE OF THE PARTY OF THE PAR	nd Address of F						Nam	e and Ad	dress of Owne	r/Operator	1				
	ce Copper Pro V Hunt Hwy,		zona 85132						rces (Arizona nt Hwy, Flore		a 85132				
	cate Well and C		í		State Arizona	ì			County Pinal		gradient de la la constant de la con	Number 6000001			
-		N			Surface I	rface Location Description									
	1 1 1				NE 1/4	of <u>SE</u> 1/4	of I	NE 1/4 o	SE 1/4 of	Section 28	Township	4S Range	9E		
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w	+++		⊢ ⊢ ∈		-	TYPE OF		HORIZAT	ION			ACTIVITY			
☐ Individu								Brine Disposal							
	TIT				1999/4038/4099/40					The second of the second of the second	ydrocarbon	Storage			
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	CA	SING AND TU	BING RECORD	Lease Na		_		METH	OD OF EMPL			LUGS			
SIZE WT (LB/FT) TO BE PUT IN WELL (FT) TO BE LEFT IN WELL								OLE SIZE	_	e Balance Me					
5.6									6 The Dump Bailer Method						
										Two-Plug M					
									Ott	Marian salatas					
Ci== -61	25/20/20/20/20/20/20	TO PLUG AND				PLUG#	1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
	lole or Pipe in Bottom of Tub			inche:		180	-//						-		
	Cement To Be					22.0			1				1		
	olume To Be Pu					28.2									
Calculat	ed Top of Plug	(ft.)				5									
Measure	d Top of Plug (if tagged ft.)				5									
Slurry W	/t. (Lb./Gal.)					15.6									
Type Ce	ment or Other M					V									
		ST ALL OPEN H	OLE AND/OR			ERVALS A	ND II	NTERVAL	S WHERE CAS	ING WILL BE	VARIED (if a				
170	From		120 DEDE	To		1	_		From			То			
170 129			129-PERF	ANNUAL PROPERTY.	20	- 111	-								
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						31									
\$13,71	d Cost to Plug 5	Wells	000												
							_								
at in	ertify under the tachments and formation is tru ssibliity of fine	that, based or ie, accurate, a	n my inquiry o	f those I am av	ly examine individuals vare that th	immediat	fami	iliar with responsil	ble for obtainir	ng the inform	ation, I beli	eve that the	,		
Name an	d Official Title	(Please type	or print)		Sign	nature		-	10			Date Signed			
	hnson, VP En			Services		2	2	_	/			09/07	-12012		
						- 12	_	-							



₽E	PA		PLU		Was	shington,	ntal Protect , DC 20460		Agency ENT PL	AN				
Florer	nd Address of F ice Copper Pro W Hunt Hwy,	oject	zona 85132				Curis Res	ourc	ess of Owne es (Arizona Hwy, Flore		ıa 85132			
	cate Well and C				State Arizona				unty nal		F-5-5-5-4-6-4-6-4-6-4-6-4-4-6-4-4-4-4-4-4	nit Number 396000001		
_		N			Surface L	ocation D	escription							
	111	Ť!			SE 1/4 o	f <u>SE</u> 1/4	of <u>NW</u> 1/4	of S	W 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 1180 ft. frm (N/S) N Line of quarter section and 1170 ft. from (E/W) W Line of quarter section. TYPE OF AUTHORIZATION WELL ACTIVITY									
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_	1-L				Rule	(E	Brine Dispos	al		
					Number	of Wells	1				nhanced Re	15		
	7-1-7									V CLA	lydrocarbon	Storage		
-		S				NA				Section of the sectio		14		
					Lease Nan	ne				Well Num	ber MCC54	14		
	CA	ASING AND TU	BING RECORE	AFTER P	LUGGING				METH	OD OF EMPL	ACEMENT O	F CEMENT P	LUGS	
SIZE	WT (LB/FT)	TO BE PUT I	N WELL (FT)	TO BE L	EFT IN WE	ELL (FT)	HOLE SI	ZE	✓ The Balance Method					
4	10.79-EST.	0		375		5 EST	4	The	Dump Baile	er Method				
_								_		Two-Plug N	lethod			
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	CEMENTING	G TO PLUG AND	ABANDON DA	ATA:	T	PLUG#	1 PLUG	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	
Size of	Hole or Pipe in					3.88	4		1					
Depth to	Bottom of Tul	oing or Drill Pi	pe (ft			NA	380							
Sacks o	f Cement To Be	Used (each pl	ug)			60.2	25.5							
	olume To Be P					77.22	32.72							
	ed Top of Plug					380	5	_						
	d Top of Plug (/t. (Lb./Gal.)	if tagged ft.)				380 15.6	15.6	-						
	ment or Other I	Material /Class	III)			V	V	-						
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\$13,7	ed Cost to Plug	Wells												
at	certify under th	that, based or	n my inquiry o	f those in	examined dividuals	immediat	familiar witi tely respons	sible	for obtaining	ng the inforn	nation, I belie	eve that the		
	formation is tru essibliity of fine					ne are si	giinicant pe	manti	ea loi subii	itting raise i	mormation, i	notuunig the	,	
Name a	nd Official Title	(Please type	or print)		Sign	ature)			Date Signed		
		vironment an	1	Services	>	7	1	1	1			20102	1200	



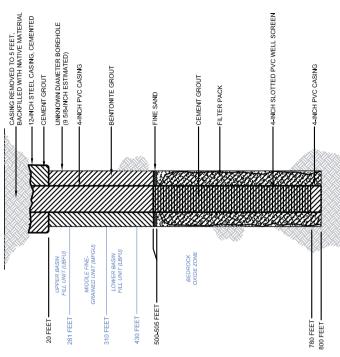
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United States Environmental Protection Agency Washington, DC 20460

SCIA	PLUGGIN	G AN	D ABAI	NDONN	IENT PL	AN						
Name and Address of Facility	man in the same and the same		Na	me and Ade	dress of Owne	r/Operator						
Florence Copper Project 1575 W Hunt Hwy, Florence Ariz	cona 85132				rces (Arizona nt Hwy, Flore		a 85132					
Locate Well and Outline Unit on Section Plat - 640 Acres		State Arizona		3 1	County Pinal		garreconscipación de la company de la compan	Number 6000001				
(373) (170) (50) (50) (50) (50) (50) (50) (50) (5		Surface L	ocation Des	cription								
N N		NW 1/4 o	of <u>SW</u> 1/4 of	NE 1/4 o	f SW 1/4 of	Section 28	Township	4S Range	9E			
		Surface Location	940 ft. frm (E/W	(N/S) <u>N</u> I	m nearest line Line of quarter a of quarter se	section						
l w 	-i- le l		TYPE OF AL		ON	П		ACTIVITY				
		Comment	vidual Perm	it		CLAS			,			
		✓ Area				CLAS		al				
		Rule				1	rine Dispos: nhanced Re					
│ ├ ᆛ─┞┴─┞┴─┆		Number	of Wells 1			1	ydrocarbon					
						✓ CLAS						
s		Lease Nar	NA NA			Well Numb	OP2 1					
CASING AND TUE	BING RECORD AFTER P				METH	OD OF EMPL		F CEMENT PL	LUGS			
SIZE WT (LB/FT) TO BE PUT II	N WELL (FT) TO BE L	EFT IN WI	ELL (FT)	HOLE SIZE	□ ✓ The	. Delenes Mai						
4 2.78-EST. 0	795		UNK The Balance Method UNK The Dump Bailer Method									
12 41.45-EST. 0	15			JNK		Two-Plug M						
	Other											
					1 - 0							
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 Wi	II Be Placed (inche		4									
Depth to Bottom of Tubing or Drill Pi	pe (ft		800									
Sacks of Cement To Be Used (each plu	ug)		54.1									
Slurry Volume To Be Pumped (cu. ft.)			69.4									
Calculated Top of Plug (ft.)			5									
Measured Top of Plug (if tagged ft.)			5	1								
Slurry Wt. (Lb./Gal.)	WA .		15.6		4							
Type Cement or Other Material (Class			V									
LIST ALL OPEN H	OLE AND/OR PERFORA	TED INTE	KVALS AND	INTERVAL	From	ING WILL BE	VARIED (if a	To				
800	780-BLANK) [1100			10				
780	500-PERFORATEI)										
500	5-BLANK											
	and the second s											
Estimated Cost to Plug Wells	M											
\$13,715												
		(Certificat	ion								
I certify under the penalty of lav attachments and that, based on information is true, accurate, ar possibliity of fine and imprison	my inquiry of those in nd complete. I am awa	dividuals re that the	immediately	responsib	ole for obtainir	g the inform	ation, I belie	eve that the				
Name and Official Title (Please type of	or print)	Sign	ature					Date Signed				
Dan Johnson, VP Environment and	d Technical Services		2		M	-		60/07	12017			
The same of the sa				7/								

500-505 FEET 780 FEET -281 FEET **430 FEET** 20 FEET • 310 FEET 800 FEET-4-INCH SLOTTED PVC WELL SCREEN -12-INCH STEEL CASING, CEMENTED **-UNKNOWN DIAMETER BOREHOLE** 4-INCH PVC CASING 4-INCH PVC CASING BENTONITE GROUT -CEMENT GROUT FILTER PACK FINE SAND **OB3-1 CASED WELL** AS-BUILT MIDDLE FINE-SRAINED UNIT (MFGU) LOWER BASIN FILL UNIT (LBFU) UPPER BASIN FILL UNIT (UBFU) BEDROCK OXIDE ZONE 500-505 FEET -20 FEET-780 FEET -800 FEET -281 FEET 430 FEET

PROPOSED PLUGGING AND ABANDONMENT OB3-1 CASED WELL





OB3-1 CASED WELL DIAGRAM

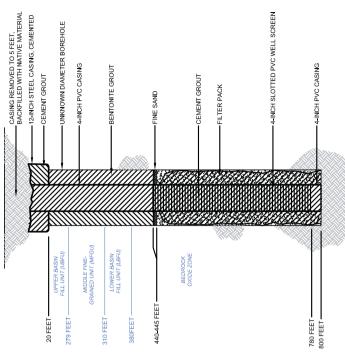
HOICURIS SCALE: NOT TO SCALE

		IGGING AN		, DC 20460 ΔΝΙΣΟΝ	MENT DI	ΔN				
Name and Address of Fac		IGGING AI	AD AD		dress of Own					
Florence Copper Proje	200(20)			Secretary of the second	urces (Arizon					
	lorence Arizona 85132			1575 W Hunt Hwy, Florence, Arizona 85132						
Locate Well and Ou Section Plat - 640 Ac		State Arizor	ıa		County Pinal		Permit Number AZ396000001			
Section Flat • 040 At	68	Surface	Location I	Description						
	N TO THE TOTAL PROPERTY OF THE TOTAL PROPERT	NE 1/4	of NE 1/	4 of SW 1/4	of SW 1/4 of	Section 28	Township	4S Range	9E	
-++-	-	Surface Location	n <u>1070</u> ft. fr 0 ft. from (rm (N/S) S	om nearest lin Line of quarte ne of quarter se TION	r section		drilling unit		
W	S E	✓ Ar	er of Wells			☐ CLASS I ☐ CLASS II ☐ Brine Disposal ☐ Enhanced Recovery ☐ Hydrocarbon Storage ✓ CLASS III Well Number ☐ OB4-1				
CAS	SING AND TUBING RECORD				METI	OD OF EMPLA		F CEMENT P	LUGS	
	TO BE PUT IN WELL (FT)	TO BE LEFT IN		HOLE SIZ						
	0	795	VVELL (F1)	UNK		e Balance Met				
AND THE RESERVE OF THE PARTY OF	0	15		UNK		ie Dump Bailei ie Two-Plug Me				
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			0.00							
CEMENTING '	TO PLUG AND ABANDON DA	ATA:	PLUG#	11 PLUG#	2 PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #	
Size of Hole or Pipe in w	hich Plug Will Be Placed (inche	4							
Depth to Bottom of Tubir	ng or Drill Pipe (ft		800							
Sacks of Cement To Be U			54.1							
Slurry Volume To Be Pun			69.4						_	
Calculated Top of Plug (f			5	_						
Measured Top of Plug (if Slurry Wt. (Lb./Gal.)	tagged π.)		15.6	-11						
Type Cement or Other Ma	aterial /Class III)		V		-				-	
	ALL OPEN HOLE AND/OR	DEDEODATED IN		ND INTERVA	I S WHERE CA	SING WILL BE	VARIED (if a	inv)		
From	ALL OPEN HOLE AND/OR	To	IERVALS A	IND INTERVA	From	SING WILL BE	VARIED (II a	To		
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780	440-PERF									
440	5-BLANK	den marie de la company de la								
Estimated Cost to Plug V \$13,715	Vells									
Locality	penalty of law that I have p	sere an allu avami-	Certific		the information	n cubmitted is	this door	ment and all		
attachments and the information is true	hat, based on my inquiry on a, accurate, and complete. and imprisonment. (Ref. 4	f those individua I am aware that t 0 CFR 144.32)	ls immedia	tely respons	ible for obtain	ng the informa	ation, I belie formation, i	eve that the		

Dan Johnson, VP Environment and Technical Services

440-445 FEET -20 FEET -279 FEET 780 FEET -310 FEET 800 FEET-380FEET 4-INCH SLOTTED PVC WELL SCREEN 12-INCH STEEL CASING, CEMENTED **-UNKNOWN DIAMETER BOREHOLE** 4-INCH PVC CASING 4-INCH PVC CASING BENTONITE GROUT -CEMENT GROUT FILTER PACK FINE SAND **OB4-1 CASED WELL** AS-BUILT MIDDLE FINE-SRAINED UNIT (MFGU) UPPER BASIN FILL UNIT (UBFU) LOWER BASIN FILL UNIT (LBFU) BEDROCK OXIDE ZONE 440-445 FEET -800 FEET -20 FEET 279 FEET 380 FEET 780 FEET -310 FEET

PROPOSED PLUGGING AND ABANDONMENT OB4-1 CASED WELL





OB4-1 CASED WELL DIAGRAM

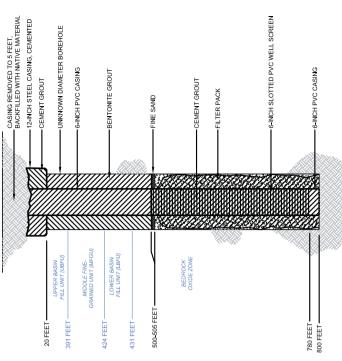
HOLURIS SCALE: NOT TO SCALE

Size of Hole or Pipe in which Plug Will Be Placed (inche 6 80 80 80 80 80 80 80 80 80 80 80 80 80					Unit	ed States Er			Protectio	n Agency	040	0042 Ap	orovai Expir	es 11/30/2014		
State County Pinnal Pi	⊕ E	PA		PLU	IGGII					/IENT	PL	AN				
STS W Hunt Hwy, Florence, Arizona \$5132 STS W Hunt Hwy, Florence, Arizona \$5132	Name an	d Address of F	acility					Nam	e and Ad	dress of C	wne	r/Operator				
Arizona Pinal AZ396000001	Floren 1575 V	ce Copper Pro V Hunt Hwy, l	ject Florence Ariz	ona 85132									na 85132			
Well Authority Area Permit CLASS						Salverent from							property and a	property of the control of the contr		
Locate well in two directions from nearest lines of quarter section and drilling unit	-	Mon Flax - 0407	10-4			Surface Le	ocation	Desc	ription				_			
Surface Location 870 ft. from (EW) E Line of quarter section and 1290 ft. from (EW) E Line of quarter section. TYPE OF AUTHORIZATION GLASS II		T T T	N			NW 1/4 o	SW 1	4 of	NE_1/4 o	SW 1/4	of	Section 28	Township	4S Range	9E	
Individual Permit	-		- - -	-		Surface Location 870 ft, frm (N/S) N Line of quarter section and 1290 ft, from (E/W) E Line of quarter section.										
Case Name Well Number We	w				☐ Individual Permit ☑ Area Permit ☐ Rule			CLASS I CLASS II Brine Disposal Enhanced Reco			al ecovery	il covery				
SIZE			S			Lease Nan	ne NA				Well Number PW3-1					
SIZE		CA	SING AND TU	BING RECORI	AFTER	PLUGGING				l N	ETH	OD OF EMPL	ACEMENT C	F CEMENT P	LUGS	
1	SIZE							Тн	OLE SIZE		1					
12				WELL (1.1)		(1 1)	_		H 📙	0.00						
CEMENTING TO PLUG AND ABANDON DATA: PLUG #1 PLUG #2 PLUG #3 PLUG #4 PLUG #5 PLUG #6 PLU Size of Hole or Pipe in which Plug Will Be Placed (inche 6			1000		Name and Address of the Owner, where			1000	The Court of	1 -	1					
CEMENTING TO PLUG AND ABANDON DATA: PLUG #1 PLUG #2 PLUG #3 PLUG #4 PLUG #5 PLUG #6 PLUG #5 PLUG #6 PLUG #6 PLUG #6 PLUG #7 Plug Will Be Placed (inche 6	12	11.17-1501.		-	10				1410	1 -	1		ietnod			
Size of Hole or Pipe in which Plug Will Be Placed (inche 6								1			Oil	iei				
Size of Hole or Pipe in which Plug Will Be Placed (inche 6 80 800 800 800 800 800 800 800 800 80		CEMENTING	TO PLUG AND	ABANDON D	ATA:		PLUG	#1	PLUG #2	PLUG	#3	PLUG #4	PLUG #5	PLUG #6	PLUG #	
Depth to Bottom of Tubing or Drill Pipe (ft 800 Sacks of Cement To Be Used (each plug) 121.8 Slurry Volume To Be Pumped (cu. ft.) 156.1 Slurry Volume To Be Pumped (cu. ft.) 156.1 Slurry Volume To Be Pumped (cu. ft.) 156.1 Slurry Wt. (Lb./Gal.) Slurry	Size of H									T			T.			
Slurry Volume To Be Pumped (cu. ft.) Calculated Top of Plug (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 800 780-BLANK 780 500-PERFORATED 500 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, including the possibliity of fine and imprisonment. (Ref. 40 CFR 144.32)							1300									
Calculated Top of Plug (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 800 780-BLANK 780 500-PERFORATED 500 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)	Sacks of	Cement To Be	Used (each pl	ug)			121.8									
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 800 780-BLANK 780 500-PERFORATED 500 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)	Slurry Vo	olume To Be Pu	ımped (cu. ft.)				156.1			1						
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 800 780-BLANK 780 500-PERFORATED 500 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)	Calculate	d Top of Plug	(ft.)				5									
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 800 780-BLANK	Measure	d Top of Plug (i	if tagged ft.)				3251						1			
LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any) From To From To 800 780-BLANK	Slurry W	t. (Lb./Gal.)														
From To From To 800 780-BLANK	Type Cer	nent or Other N	Material (Class	III)			V									
T80 S00-PERFORATED		LIS	T ALL OPEN H	IOLE AND/OR	0.0000000000000000000000000000000000000	AND DESCRIPTION OF THE PROPERTY.	RVALS	AND I	NTERVAL		CAS	ING WILL BE	VARIED (if			
Tool		From			_	•		_		From				То		
Solution	ALCOHOLD TO THE REAL PROPERTY.							_			_					
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)						ED		-			-					
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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)						C	Certifi	cati	on							
Name and Official Title (Please type or print) Signature Date Signature	att inf	achments and ormation is tru	that, based or ie, accurate, ai	n my inquiry o	f those I am av	individuals vare that the	immedi	ately	responsil	ole for obt	aini	ng the inform	nation, I beli	eve that the		
	Name an	d Official Title	(Please type (Signature Date Signed											

Dan Johnson, VP Environment and Technical Services

BEDROCK OXIDE ZONE 500-505 FEET 20 FEET-780 FEET -391 FEET **424 FEET** 431 FEET 800 FEET-6-INCH SLOTTED PVC WELL SCREEN 12-INCH STEEL CASING, CEMENTED **-UNKNOWN DIAMETER BOREHOLE** 6-INCH PVC CASING 6-INCH PVC CASING BENTONITE GROUT - CEMENT GROUT FILTER PACK FINE SAND PW3-1 CASED WELL AS-BUILT MIDDLE FINE-SRAINED UNIT (MFGU) LOWER BASIN FILL UNIT (LBFU) BEDROCK OXIDE ZONE UPPER BASIN FILL UNIT (UBFU) 500-505 FEET -20 FEET • 780 FEET -800 FEET-391 FEET 424 FEET **431 FEET**

PROPOSED PLUGGING AND ABANDONMENT PW3-1 CASED WELL





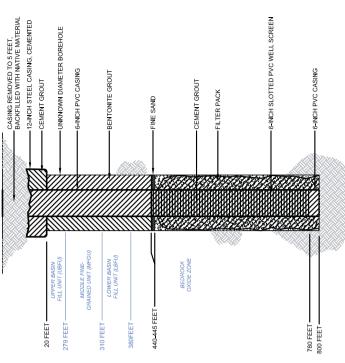
PW3-1 CASED WELL DIAGRAM

HOICURIS SCALE: NOT TO SCALE

⊕EPA			/ashington,	DC 20460	50 J 150						
	PLU	GGING AN									
Name and Address of Facility Florence Copper Project 1575 W Hunt Hwy, Florence Ariz	ona 85132			Curis Resou	dress of Owne rces (Arizon nt Hwy, Flor	a) Inc	na 85132				
Locate Well and Outline Unit on		State			County		/commented	Number			
Section Plat - 640 Acres		Arizon	a		Pinal		AZ39	6000001			
N		1	Location D								
		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		
		Surface Location	Location 1020 ft. frm (N/S) S Line of quarter section and 1250 ft. from (E/W) W Line of quarter section.								
l w l i i l i i	———E	,		AUTHORIZATI	ON			ACTIVITY			
		lament .	lividual Per	mit		CLAS					
		promony.	ea Permit			CLA					
	-+-	Ru				-	Brine Dispos Inhanced Re				
		Numbe	er of Wells	1		4	lydrocarbon				
		1				V CLAS	-	otorago			
s		Lease N	NA NA			100000000000000000000000000000000000000	ber PW4-1				
CASING AND TUE	SING RECORD		55.7		METH	OD OF EMPL	700000000000000000000000000000000000000	F CEMENT P	LUGS		
SIZE WT (LB/FT) TO BE PUT II	NAME OF THE OWNER OWNER OWNER OF THE OWNER OWNE	TO BE LEFT IN V		HOLE SIZE							
6 5.31-EST. 0		795	VEEE (1 1)	UNK	- E-m	✓ The Balance Method The Dump Baller Method					
12 41.47-EST. 0		15		UNK		e Two-Plug N					
				LISTINGES -	Oti		ictiloa				
						WWW.					
CEMENTING TO PLUG AND	ABANDON DA	TA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
Size of Hole or Pipe in which Plug Wi		nche	6								
Depth to Bottom of Tubing or Drill Pip	000,000		800	4					<u></u>		
Sacks of Cement To Be Used (each plu	1g)		121.8 156.1	-	-	-			-		
Slurry Volume To Be Pumped (cu. ft.) Calculated Top of Plug (ft.)			5		1						
Measured Top of Plug (if tagged ft.)			5								
Slurry Wt. (Lb./Gal.)			15.6	1	Transfer of the second						
Type Cement or Other Material (Class	III)		V								
LIST ALL OPEN H	OLE AND/OR F	PERFORATED INT	ERVALS AN	ND INTERVAL	S WHERE CAS	ING WILL BE	VARIED (if a	iny)			
From		То			From			То			
800	780-BLAN										
780	440-PERFO	DRATED									
440	5-BLANK										
Estimated Cost to Plug Wells \$13,715											
			Certifica	ation							
I certify under the penalty of law attachments and that, based on information is true, accurate, ar possibility of fine and imprison	my inquiry of nd complete.	those individual am aware that the	ed and am f s immediat	familiar with t ely responsib	le for obtaini	ng the inform	ation, I belie	eve that the	i		
Name and Official Title (Please type of	or print)	Sig	nature		1			Date Signed			
Dan Johnson, VP Environment and	l Technical S	ervices									

UPPER BASIN FILL UNIT (UBFU) BEDROCK OXIDE ZONE 440-445 FEET · 20 FEET -780 FEET -279 FEET 380FEET 800 FEET-6-INCH SLOTTED PVC WELL SCREEN -12-INCH STEEL CASING, CEMENTED -UNKNOWN DIAMETER BOREHOLE 6-INCH PVC CASING -6-INCH PVC CASING BENTONITE GROUT - CEMENT GROUT FILTER PACK FINE SAND PW4-1 CASED WELL AS-BUILT MIDDLE FINE-SRAINED UNIT (MFGU) UPPER BASIN FILL UNIT (UBFU) LOWER BASIN FILL UNIT (LBFU) BEDROCK OXIDE ZONE 440-445 FEET • 20 FEET -380 FEET 780 FEET -800 FEET-279 FEET 310 FEET

PROPOSED PLUGGING AND ABANDONMENT PW4-1 CASED WELL

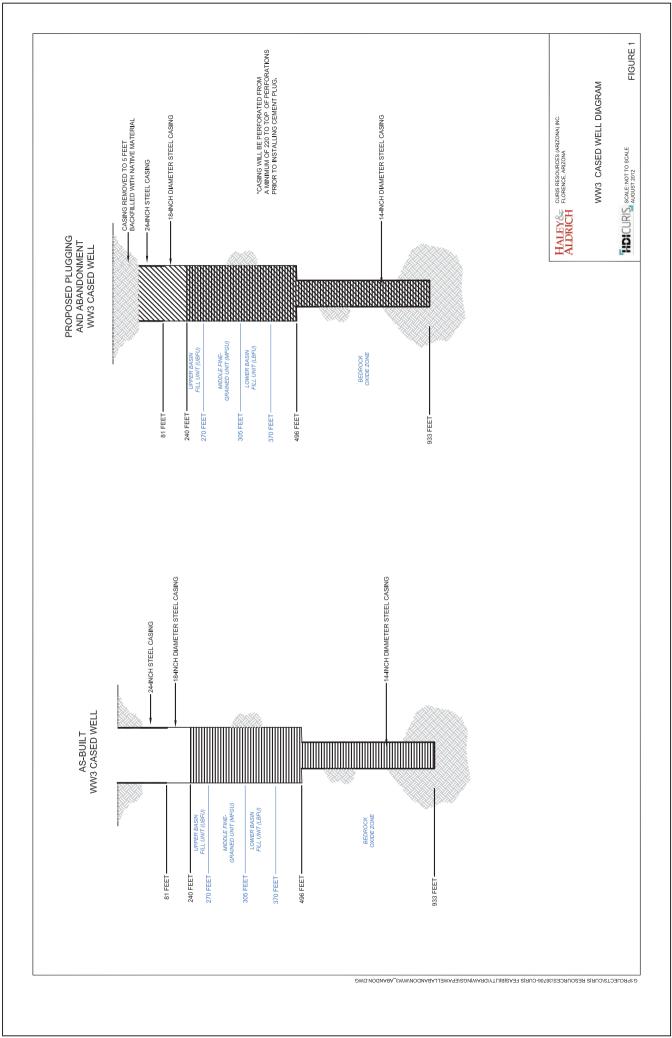




PW4-1 CASED WELL DIAGRAM

HOICURIS SCALE: NOT TO SCALE

⊕ E	PA		PLU		Washi	ngton, [al Protectio C 20460	n Agency //ENT PL	.AN					
Florer	nd Address of F nce Copper Pro W Hunt Hwy,	oject	zona 85132			(Curis Resou	dress of Owne irces (Arizon nt Hwy, Flor	a) Inc	na 85132				
1/4/50/5	cate Well and (1	Sta A	ite rizona			County Pinal		grinoritation and the same	Permit Number AZ396000001			
	1 1 1	N		15,626.	rface Loca N 1/4 of N			f <u>SW</u> 1/4 of	Section 28	Township	4S Range	9E		
		- - - - - -	L	Sur	Surface Location 1170 ft. frm (N/S) S Line and 1190 ft. from (E/W) E Line of				of quarter section.					
w	+		E	E	TYPE OF AUTHORIZATION Individual Permit Area Permit Rule Number of Wells 1				CLASS I CLASS II Brine Disposal Enhanced Recovery Hydrocarbon Storage					
L	-	s	!!	Lea	nse Name	NA			V CLA	ss III ber WW3				
	CA	ASING AND TU	BING RECORI					METH	OD OF EMPL		F CEMENT P	LUGS		
14 18 24	WT (LB/FT) 45-EST. 70-EST. 80-EST.	0 0 0	N WELL (FT)	933 928 76	LEFT IN WELL (FT) HOLE SIZE UNK UNK UNK UNK				✓ The Balance Method ☐ The Dump Bailer Method ☐ The Two-Plug Method ☐ Other					
	CEMENTING	3 TO PLUG ANI	A BANDON D	ATA:	PI	LUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7		
Size of	Hole or Pipe in			10.02000	14		18	1 1 200 #3	1200#4	1 200 #3	1200 #0	1200 #/		
Depth to	Bottom of Tul	oing or Drill Pi	pe (ft		93	33	496							
Sacks o	f Cement To Be	Used (each pl	ug)		36	64.4	677.9							
Slurry V	olume To Be P	umped (cu. ft.)			46	57.2	869.1							
	ted Top of Plug				49	The same of the sa	5							
-	ed Top of Plug (Vt. (Lb./Gal.)	if tagged ft.)			49		5			_				
	ment or Other f	Material /Class	III)		15 V	0.0	15.6 V	1		1				
.,,		ST ALL OPEN I		PERFORATE	- Allerton	ALS AND	and the state of t	S WHERE CAS	ING WILL BE	VARIED (if a	myl			
	From	JI ALL OF LIVE	TOLL AND/OR	To	DINTERVA	ALO ANE	ZINTERVAL	From	III WILL BE	VARIED (II C	To			
933			496-PERF	ORATED 1	4"	1			11					
496			240-PERF	ORATED 1	8"						-7			
240			5-BLANK	. 18"	102									
\$13,7	ed Cost to Plug 15	Wells												
at in	certify under the tachments and formation is tru ossibliity of fine	that, based or ie, accurate, a	n my inquiry o	of those indiv I am aware t	amined an iduals imn	nediatel	miliar with t	ole for obtaini	ng the inform	ation, I beli	eve that the	ı		
Name ar	nd Official Title	(Please type	or print)		Signatu	re					Date Signed			
Dan Jo	hnson, VP En	vironment an	d Technical S	Services	-	5	-> (Falsa	1200		



United States Environmental Protection Agency Washington, DC 20460															
~	PLUGGING AND ABANDONMENT PLAN														
Name	e an	d Address of F	acility					Name and	Addr	ess of Owne	r/Operator				
		ce Copper Pro V Hunt Hwy, I	oject Florence Ariz	ona 85132						ces (Arizona Hwy, Flore	,	na 85132			
		-			Sta	.4-							Musekau		
		ate Well and O				rizona				ounty inal			Number 5000001		
	Sec	tion Plat - 640 A			Su	Surface Location Description									
		 	N I I	Ţ,	NI	E 1/4 of	SW 1/	4 of <u>NE</u> 1/	4 of	SW 1/4 of	Section 28	Township	4SRange	9E	
	_			_		cate well	in two	directions	from	n nearest line	es of quarter	section and	drilling unit		
	_	<u> </u>								ne of quarter of quarter se					
					and			AUTHORIZ			1	WELL	ACTIVITY		
w		 		E		Individ					CLAS				
	_	<u> </u>	$ \vdash$ $+$ $ \dagger$		·	✓ Area P	ermit				CLAS	SS II			
	<u> </u>		_	_		Rule					В	Brine Dispos	al		
	Number of Wells 1														
			╌┠╌┼╌╎	- $+$ $ $	"	uniber o	i weiis					lydrocarbon	Storage		
		<u>i i i</u>	<u>lii</u>								CLAS	SS III			
			S		Lea	ase Name	NA				Well Numl	ber DM-B			
	CASING AND TUBING RECORD AFTER PLUGGING METHOD OF EMPLACEMENT OF CEMENT PLUGS														
SIZ	Е	WT (LB/FT)	TO BE PUT IN	WELL (FT)	TO BE LEF	E LEFT IN WELL (FT) HOLE SIZE				✓ The Balance Method					
5		unknown	0		611	unknown The Dump Bailer Method						er Method			
4		unknown	0		89			unknow	n	The	Two-Plug N	lethod			
	_									Oth	ner				
						1		1			ı	1	1	1	
			TO PLUG AND				PLUG #	_	#2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	
			which Plug Wil		inche		5	4							
			oing or Drill Pip Used (each plu				511 55	700 6.1							
		olume To Be Pu	` .	19)			83	7.8							
	_	ed Top of Plug	,			_)	611							
		d Top of Plug (i					unk	unk							
-		t. (Lb./Gal.)					15.6	15.6							
Туре	Cer	nent or Other N	Material (Class	III)		Ī	V	V							
		LIS	ST ALL OPEN H	OLE AND/OR	PERFORATE	D INTER	VALS A	ND INTERV	'ALS	WHERE CAS	ING WILL BE	VARIED (if a	ıny)		
		From			То					From			То		
UN	KO	WN													
F - 41	4-	-l O t t - Dl	NA/-11-												
		d Cost to Plug	Wells												
\$13	3,71	3													
	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															
	inf	ormation is tru	ie, accurate, ar	nd complete.	I am aware	that there					-)	
	ро	ssibliity of fine	and imprison	ment. (Ref. 4	0 CFR 144.3	32)									
Name	e an	d Official Title	(Please type o	or print)		Signat	ture						Date Signed	l	
Dan	Dan Johnson, VP Environment and Technical Services														

US EPA ARCHIVE DOCUMENT

