45

Recei

State of New Mexico **Energy Minerals and Natural Resources**

Form C-141 Revised April 3, 2017

Oil Conservation Division 1220 South St. Francis Dr.

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. Fran	cis Dr., Sant	a Fe, NM 87505	5			Fe, NM 875						
-		-	Dala			• · ·			_			
			Ken	ase nound	caulo		orrective A	cuon				
Name of Co		OVV LIGA I				OPERA'		111	l Initia	I Report	\boxtimes	Final Report
Name of Company OXY USA INC Address PO BOX 4294; HOUSTON, TX 77210						Contact V Telephone I	VADE DITTRIC No. 575-390-2					_
Facility Nar		T TANK 35				Facility Typ						
				_					1			
Surface Ow	ner		Owner	State			API No	. 30-01	5-3127	5		
						N OF RE						
Unit Letter	Section	Township	Range	Feet from the	Nort	h/South Line	Feet from the	East/\	West Line		Соип	ty
M	35	215	31E	330		SOUTH	560	W	/EST		EDD	Y
			Lati	ude 32.428722	24 Lo	ngitude -10	3.7553329 N	4083				
			Later			-		AD05				
Tune of Dala		8. BBODUCE	D WATE		URE	COF REL					0.000	
Type of Rele	ase UIL	& PRODUCË	DWATE	ĸ		Volume of	Release . 25 bl bbls Produced W		Volume R	lecovered	0 BB	LS
Source of Re	lease 2 in	nch steel wat	ter line be	etween heater's			lour of Occurrence		Date and	Hour of Di	scovery	
337 X 11						7/28/2017						
Was Immedia	ate Notice (Yes [No 🗌 Not R	eauired	If YES, To MIKE BR	ATCHER-NMOC	D: CR	YSTAL WI	EAVER-N	моср	
						RYAN MA	NN-NMSLO					
By Whom? Was a Water							lour 7/28/2017					
tt as a tt alci			Yes 🗵	No		11 165, 90	olume Impacting th	ne waa	ercourse.			
If a Watercol	irse was Im	pacted, Descr	ibe Fully	¥								
		partout Doubl										
Describe Cau	se of Probl	em and Reme	dial Actio	n Taken.*								
Spill was cau	cod by a fai	ilura in tha 7 i	nah staal i	untar lina hatusar	n hanta	a'n Thalingh	as have exercised a	- d - atu				
Spin was cau	sed by a fa	nure in the 21	nen steer v	water nne betweer	n neate	rs. Ine line n	as been repaired a	na retu	med to serv	1ce.		
Design the Asia	- A 66 1		A									
Describe Are	a Affected	and Cleanup A	Action Tal	ken.*								
							ents are subject			GPS track	ing).	
				a remediation p	olan ap	proved by th	e NMOCD and I	the SL	0.			
NMOUD	ase numb	er is 2RP-43	23									
							knowledge and up nd perform correct					
							arked as "Final Re					
should their o	perations h	nave failed to a	adequately	investigate and r	remedia	ite contaminati	on that pose a thre	eat to g	round water	, surface w	ater, hi	man health
		addition, NMC		ptance of a C-141	report	does not reliev	e the operator of r	respons	ibility for c	ompliance	with an	y other
	/		1	~/			OIL CONS	SERV	ATION	DIVISI	ON	
Signature:	61	. 10 //	HA						\frown			11
Signature.	- produce	ant MA	an C			Approved by	Environmental Sp	neciatio	. 6	uttany	Ha	\mathcal{M}
Printed Name	: WADE	E DITTRICH				-Approved by	Companying and S	peerans	" <u> </u>	www		
Title: ENV	IROMEN	TAL COORD	INATOR			Approval Date: 4/10/2023 Expiration Date: N/A						
		12 St 1999							anpriaton.			
E-mail Addre	ess: wade	e_dittrich@ox	y.com			Conditions o	f Approval:			Attache	d 🔲	
Date: 5/22/	18		Phone	Phone: 575-300-2828 NONE								

Site Description								
Site Name:	Oxy USA							
Company:	Lost Tank 35 State #4 CTB							
Legal Description:	U/L M, Section 35, T21S, R31E							
County:	Eddy County, NM							
GPS Coordinates:	N 32.42871 W-103.75585							

Release Data

Date of Release:	07/28/2017
Type of Release:	Oil and produced water
Source of Release:	2 inch steel water line compromised
Volume of Release:	0.25 bbl oil, 25 bbls produced water
Volume Recovered:	0 bbls

Remediation Specifications										
Remediation Excavate the entire leak area to a depth of 6 inches. Backfill the site with clean soil.										
Remediation Activities:	05/14/2018 to 0	5/18/2018								
Plan Sent to OCD:	11/22/2017	Email from Cliff Brunson to Mike Bratcher								
OCD Approval of Plan:	03/05/2018	Email from Mike Bratcher to Cliff Brunson								
Plan Sent to BLM:	n/a	n/a								
BLM Approval of Plan:	n/a	n/a								

Supporting Documentation								
Initial C-141	Signed 08/02/2017							
Final C-141	Upon completion							
Site Diagram	August 2017							
Groundwater Plot	125'-50'							
TOPO Maps	August 2017							
Lab Summary	09/18/2017							
Lab Analysis	09/18/2017							
Correspondence	Request and approval of remediation plan via email							

Request for Closure

Based on the completion of the remediation plan, Oxy requests closure approval from NMOCD.

Wade Dittrich, Environmental Specialist, Oxy USA

05/22/2018

NM OIL CONSERVATION

			AI AI	RTESIA	10 mici		
istrict I 525 N. French Dr., Hobbs, NM 88240 istrict II Energy 11 S. First St., Artesia, NM 88210		New Mexico and Natural R		AUG O	2 2017		Form C-141 Revised April 3, 2017
	Dil Conser	vation Divisi	ion	RÉCE	VED ac	to appropri	ate District Office in ith 19.15.29 NMAC.
istrict IV 220 S. St. Francis Dr., Santa Fe, NM 87505		St. Francis	Dr.		Get	ordance w	
	فستوجعت ويصفى ويرجعه	, NM 87505			_		
Release No	tification	and Corr	rective A	ction			
NAB1721950923	/	OPERATO			🛛 Initia	I Report	Final Repo
Name of Company OXY USA INC [Lalo9] Address PO BOX 4294; HOUSTON, TX 77210		Contact WA Telephone No.	DE DITTRIC 575-390-2				
acility Name LOST TANK 35 STATE #4 CTB		Facility Type	BATTERY				
urface Owner Mine	eral Owner				API No.	30-015	5-31275
L	OCATION	N OF RELE	ASE				
Jnit Letter Section Township Range Feet from			eet from the	East/W	est Line		County
M 35 21S 31E 330	S	OUTH	560	WE	EST		EDDY
		gitude103.7					
		-		1005			
ype of Release OIL & PRODUCED WATER	NATURE	OF RELEA		hle	Volume R	ecovered	0 BBLS
			s Produced W		V Chunne IV	ceoreica	0 80.00
ource of Release 2 inch steel water line between hea	ter's	Date and Hour 7/28/2017	r of Occurrence	e	Date and 1	Hour of Dis	scovery
		If YES, To W					
							UVVSTAL.
Vas Immediate Notice Given?	Not Required	AMBER GRC		INC DRA	ATCHER-	NMUCD;	CREDING
Sy Whom? WADE DITTRICH	Not Required	WEAVER-NM Date and Hour	MOCD r 7/28/2017	*	8:13	pm	(email)
Whom? WADE DITTRICH Was a Watercourse Reached? Image: Construction of the second s	Not Required	WEAVER-NM Date and Hour	MOCD	*	8:13		
Xes No No By Whom? WADE DITTRICH Was a Watercourse Reached? Image: Second		WEAVER-NM Date and Hour If YES, Volun	MOCD r 7/28/2017 ne Impacting t	* the Water	8:13 course.	pm	
Image: Spill was caused by a failure in the 2 inch steel water line be		WEAVER-NM Date and Hour If YES, Volun	MOCD r 7/28/2017 ne Impacting t	* the Water	8:13 course.	pm	
By Whom? WADE DITTRICH Was a Watercourse Reached?		WEAVER-NM Date and Hour If YES, Volun	MOCD r 7/28/2017 ne Impacting t	* the Water	8:13 course.	pm	
Image: Spill was caused by a failure in the 2 inch steel water line be	etewwn heater	WEAVER-NM Date and Hour If YES, Volur 's. The line has	MOCD r 7/28/2017 ne Impacting t been repaired	t to chan	8:13 course.	vice.	(email)
Image: Symbol Control of the symbol	etewwn heater eave location fan approved complete to ti rtain release n	WEAVER-NM Date and Hour If YES, Volum 's. The line has (measuremen by the NMOC he best of my kno otifications and j e NMOCD mark e contamination	MOCD r 7/28/2017 ne Impacting t been repaired the subject D and the SL owledge and u perform correc ted as "Final R that pose a thr be operator of the	and return t to chan LO. understand ctive actio teport" do responsib	B:12 course. ned to serve ge with C d that purs ons for rela- bes not reli- pund water pility for ca	vice. GPS tracking uant to NM eases which eve the opt r, surface we compliance	ICCD rules and n may endanger erator of liability rater, human health with any other
Yes No No By Whom? WADE DITTRICH Was a Watercourse Reached? Yes No f a Watercourse Reached? Yes No f a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* Spill was caused by a failure in the 2 inch steel water line be Describe Area Affected and Cleanup Action Taken.* The affected area of the spill is 85x15 FT, Leak did not leavill be completed in accordance with a remediation pleations all operators are required to report and/or file cepublic health or the environment. The acceptance of a C-14 thould their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a C-14 thould their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a C-14 thould their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a C-14 thould their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a C-14 thould their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a C-14 thould their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a C-14 thould their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a C-14 thould their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a C-14 thould their operations have failed to adequately investigate or the environment. In additin the environment.	etewwn heater eave location fan approved complete to th rtain release n 11 report by th e and remediat C-141 report d	WEAVER-NM Date and Hour If YES, Volur 's. The line has (measuremen by the NMOC he best of my kn otifications and j e NMOCD mark e contamination loes not relieve th	MOCD r 7/28/2017 ne Impacting to been repaired to been repaired to the are subject D and the SL owledge and u perform correct red as "Final R that pose a thr be operator of to OIL CON	and return t to chan LO. inderstand ctive actic teport" do responsib SERVA	B:12 course. ned to serve ge with C d that purs ons for rela- bes not reli- pund water pility for ca	vice. GPS tracking uant to NM eases which eve the opt r, surface we compliance	ICCD rules and n may endanger erator of liability rater, human health with any other
Yes No No By Whom? WADE DITTRICH Was a Watercourse Reached? Yes No f a Watercourse Reached? Yes No f a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* Spill was caused by a failure in the 2 inch steel water line be Describe Area Affected and Cleanup Action Taken.* The affected area of the spill is 85x15 FT, Leak did not ke will be completed in accordance with a remediation pl hereby certify that the information given above is true and regulations all operators are required to report and/or file ce public health or the environment. The acceptance of a C-14 thould their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a C Yet environment. In addition, NMOCD acceptance of a C Yet environment. In addition, NMOCD acceptance of a C Yet environment. In addition, NMOCD acceptance of a C Yet environment. In addition, NMOCD acceptance of a C Yet environment. In addition, NMOCD acceptance of a C Yet environment. In addition, NMOCD acceptance of a C Yet environment. In addition, NMOCD acceptance of a C Yet environment. In addition, NMOCD acceptance of a C Yet environment. In	etewwn heater eave location fan approved complete to th rtain release n 11 report by th e and remediat C-141 report d	WEAVER-NM Date and Hour If YES, Volum 's. The line has (measuremen by the NMOC he best of my kno otifications and j e NMOCD mark e contamination	MOCD r 7/28/2017 ne Impacting to been repaired to been repaired to the are subject D and the SL owledge and u perform correct red as "Final R that pose a thr be operator of to OIL CON	and return t to chan LO. inderstand ctive actic teport" do responsib SERVA	B:12 course. ned to serve ge with C d that purs ons for rela- bes not reli- pund water pility for ca	vice. GPS tracking uant to NM eases which eve the opt r, surface we compliance	ICCD rules and n may endanger erator of liability rater, human health with any other
Yes No No By Whom? WADE DITTRICH Was a Watercourse Reached? Yes No f a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* Spill was caused by a failure in the 2 inch steel water line be Describe Area Affected and Cleanup Action Taken.* The affected area of the spill is 85x15 FT, Leak did not leavill be completed in accordance with a remediation pleators are required to report and/or file cepublic health or the environment. The acceptance of a C-14 should their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a Cederal, state, or local laws and/or regulations. Signature: Mathematical and/or file cepublic health or the and/or file cepublic health or the environment. The acceptance of a C-14 should their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a Cederal, state, or local laws and/or regulations. Signature: Mathematical Addition, NMOCD acceptance of a Cederal, state, or local laws and/or regulations. Signature: WADE DITTRICH	etewwn heater eave location fan approved complete to the rtain release n et report by the e and remediat C-141 report d	WEAVER-NM Date and Hour If YES, Volur 's. The line has (measuremen by the NMOC he best of my kn otifications and j e NMOCD mark e contamination loes not relieve th	MOCD r 7/28/2017 ne Impacting to been repaired to the are subject D and the SL owledge and u perform correct red as "Final R that pose a thr he operator of to OIL CON avironmental S	t to chan LO. inderstand ctive actic teport" do reat to gro responsib SERV	B:12 course. ned to serve ge with C d that purs ons for rela- bes not reli- pund water pility for ca	vice. GPS tracki uant to NM eases which eve the opt , surface w ompliance DIVISI DIVISI	ICCD rules and n may endanger erator of liability rater, human health with any other
Yes No No By Whom? WADE DITTRICH Was a Watercourse Reached? Yes No f a Watercourse Reached? Yes No f a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* Spill was caused by a failure in the 2 inch steel water line be Describe Area Affected and Cleanup Action Taken.* The affected area of the spill is 85x15 FT, Leak did not ke will be completed in accordance with a remediation pl I hereby certify that the information given above is true and regulations all operators are required to report and/or file ce public health or the environment. The acceptance of a C-14 should their operations have failed to adequately investigate or the environment. In addition, NMOCD acceptance of a C Signature: Maddador regulations. Signature: WADE DITTRICH	etewwn heater eave location fan approved complete to the rtain release n H report by the and remediat C-141 report d	WEAVER-NM Date and Hour If YES, Volum 's, The line has (measurement by the NMOC he best of my kno otifications and je NMOCD mark e contamination loes not relieve the Approved by En	MOCD r 7/28/2017 ne Impacting to been repaired to the are subject D and the SL owledge and u perform correct ted as "Final R that pose a thre he operator of to OIL CON ovironmental S ovironmental S	and return and return t to chan LO. understand ctive actic teport" do responsib SER V/ SER V/	B:12 course. ned to serv ge with C d that purs ons for rele point water point y for co ATION	vice. GPS tracki uant to NM eases which eve the opt , surface w compliance DIVISI DIVISI	ing). Remediation OCD rules and n may endanger erator of liability vater, human health with any other ON
Yes No No By Whom? WADE DITTRICH Was a Watercourse Reached?	etewwn heater eave location fan approved complete to the rtain release n H report by the and remediat C-141 report d	WEAVER-NM Date and Hour If YES, Volum 's. The line has (measurement by the NMOC he best of my kno otifications and j e NMOCD mark e contamination loes not relieve the Approved by Ent	MOCD r 7/28/2017 ne Impacting to been repaired the are subject D and the SL owledge and u perform correc- led as "Final R that pose a thr- he operator of r OIL CON: ovironmental S	and return and return t to chan LO. understand ctive actic teport" do responsib SER V/ SER V/	B:12 course. ned to serv ge with C d that purs ons for rele point water point y for co ATION	vice. GPS tracki uant to NM eases which eve the opt , surface w ompliance DIVISI DIVISI	ing). Remediation OCD rules and n may endanger erator of liability vater, human health with any other ON

Operator/Responsible Party,

The OCD has received the form C-141 you provided on $\frac{8/2/2017}{1000}$ regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number $\frac{289}{323}$ has been assigned. Please refer to this case number in all future correspondence.

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete <u>division-approved corrective action</u> for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District $\frac{2}{2}$ office in <u>ARTESIA</u> on or before <u>9/2/2017</u>. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

• Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.

• Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.

- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.

• Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

•Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

• If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

• Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold OCD Environmental Bureau Chief 1220 South St. Francis Drive Santa Fe, New Mexico 87505 505-476-3465 jim.griswold@state.nm.us

Bratcher, Mike, EMNRD

From: Sent:	Wade_Dittrich@oxy.com Wednesday, August 2, 2017 2:21 PM
То:	agroves@slo.state.nm.us
Cc:	Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD; Jennifer_Smith@oxy.com; cbrunson@bbcinternational.com; kathy@bbcinternational.com; jgilkey@bbcinternational.com
Subject:	Lost Tank 35 4 CTB
Attachments:	Signed C141.pdf

All,

Here is the initial C141, please take a look at it and let me know if there are any questions. Thank you.

Wade Dittrich Environmental Coordinator Oxy Permian-New Mexico 575.390.2828 cell Wade_Dittrich@Oxy.com

Weaver, Crystal, EMNRD

From: Sent: To: Subject: Wade_Dittrich@oxy.com Friday, July 28, 2017 8:13 PM Bratcher, Mike, EMNRD; Weaver, Crystal, EMNRD FW: Lost Tank 35 St. 4 CTB

Wade Dittrich Environmental Coordinator Oxy Permian-New Mexico 575.390.2828 cell Wade_Dittrich@Oxy.com

From: Dittrich, John W (Ervin Well Site Consultants)
Sent: Friday, July 28, 2017 5:06 PM
To: agroves@slo.state.nm.us
Cc: cbrunson@bbcinternational.com; kathy@bbcinternational.com; Smith, Jennifer A <Jennifer_Smith@oxy.com>; kswinney@bbcinternational.com; Jennifer Gilkey <jgilkey@bbcinternational.com>
Subject: Lost Tank 35 St. 4 CTB

All,

This is to inform you that Oxy Permian had a **Reportable** release in Eddy County at the Lost Tank 35 St.4 CTB on 7/28/2017.

- Release Location: Legal -35-21S-31E, API: 30-015-31275
- Release Volume: .25 bbls of Oil and 25 bbls of Produced Water.
- Recovered: 0 bbls recovered
- Cause of Release: 2 inch steel water line between heater's.
- Approximate Area impacted by release: 85x15 FT, Leak did not leave location (measurements are subject to change with GPS tracking)

GPS Coordinates and Driving Direction: 32.429380, **-103.775490** EAST OF CARLSBAD NM AT INTERSECTION OF HWY 62180 AND WIPP ROAD GO 7 MILES AND TURN LEFT GOING .75 MILE AND BATTERY IS ON THE LEFT Please let me know if you have any questions.

Wade Dittrich Environmental Coordinator Oxy Permian-New Mexico 575.390.2828 cell Wade_Dittrich@Oxy.com

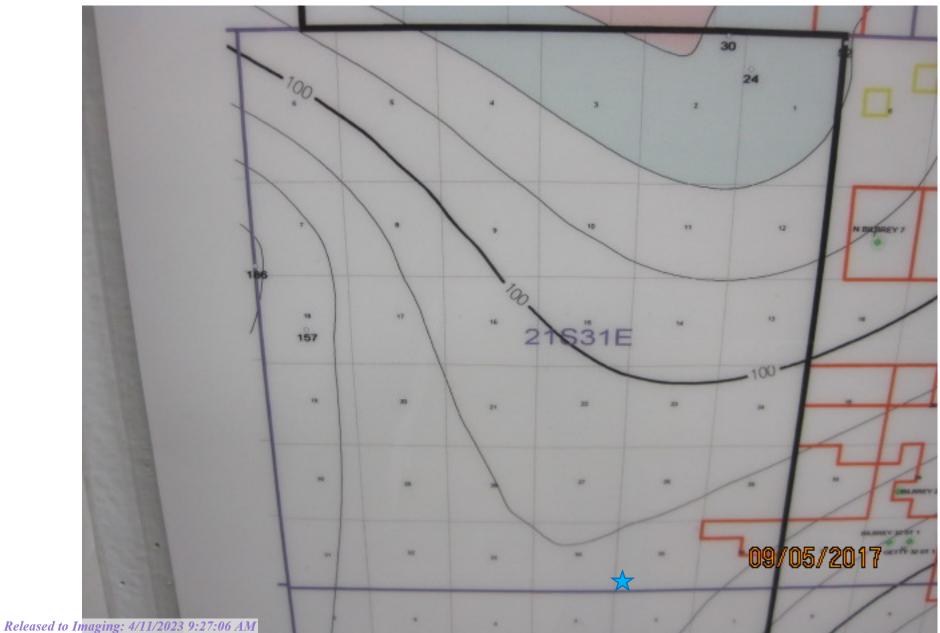
Received by OCD: 4/4/2023 9:28:06 AM Page 8 of 45 Oxy, Lost Tank 35 State #4 CTB Legend Cardinal sample points Leak date: 07/28/2017 Eddy County, NM AP# 30-015-31275 2RP-4323 Leak area, 6 inch Excavation across entire area 0 0 Sample points NORTH SP3 o SP2 WEST EAST SP1 O SOUTH \mathbb{N} Google Earth 50 ft Imaging: 4/11/2023 9:27:0

Oxy, Lost Tank 35 State #4 CTB

Sample points, hand auger SP1, N 32.42860 W-103.75581 SP2, N 32.42870 W-103.75580 SP3, N 32.42872 W-103.75573 NORTH, N 32.42876 W-103.75581 SOUTH, N 32.42859 W-103.75581 EAST, N 32.42865 W-103.75580 WEST, N 32.42864 W-103.75584

Oxy, Lost Tank 35 State #4 U/L M, Section 35, T21S, R31E

Groundwater:125'-150'



	Wate					-			e Enginee pth to		er
(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced, O=orphaned, C=the file is closed)	· •			2=NE 3	=SW 4=S est)	SE) (NAD83 U'	TM in m	neters)	(In feet)	
POD Number C 02949 EXPL	POD Sub- Code basin	QQ County 64 16 ED 1 1	4 Sec		Rng 31E	X 616140		Y 31*	DistanceDepth 1034	WellDepthW 970	Water Vater Column
								Avera	ge Depth to Water: Minimum Depth: Maximum Depth:		
Record Count: 1											
<u>UTMNAD83 Radi</u>	<u>us Search (in meters)</u>	<u>:</u>									
Easting (X): 61	7050	Northing (Y)	: 35887	738			Radius:	1700			
*UTM location was deriv	ved from PLSS - see He	lp									
The data is furnished by the the accuracy, completeness							ng that the C	DSE/ISC	make no warranties, e		

9/5/17 9:53 AM

VATER COLUMN/ AVERAGE DEPTH TC WATER

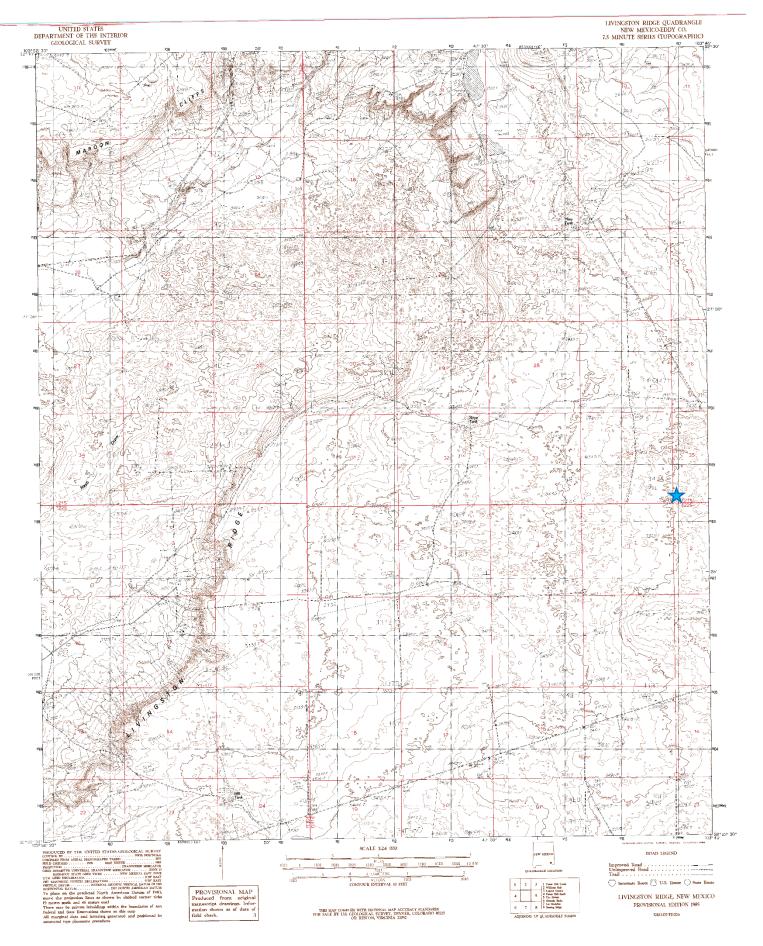
Released to Imaging: 4/11/2023 9:27:06 AM http://nmwrrs.ose.state.nm.us/...A%22%203588738.0%20%22%2C%0A%22R%22%3A%221700%22%2C%0A%22PLSSDiv%22%3A%22false%22%7D[9/5/2017 9:53:33 AM]

UTM Conversion Tool Received by OCD: 4/4/2023 9:28:06 AM

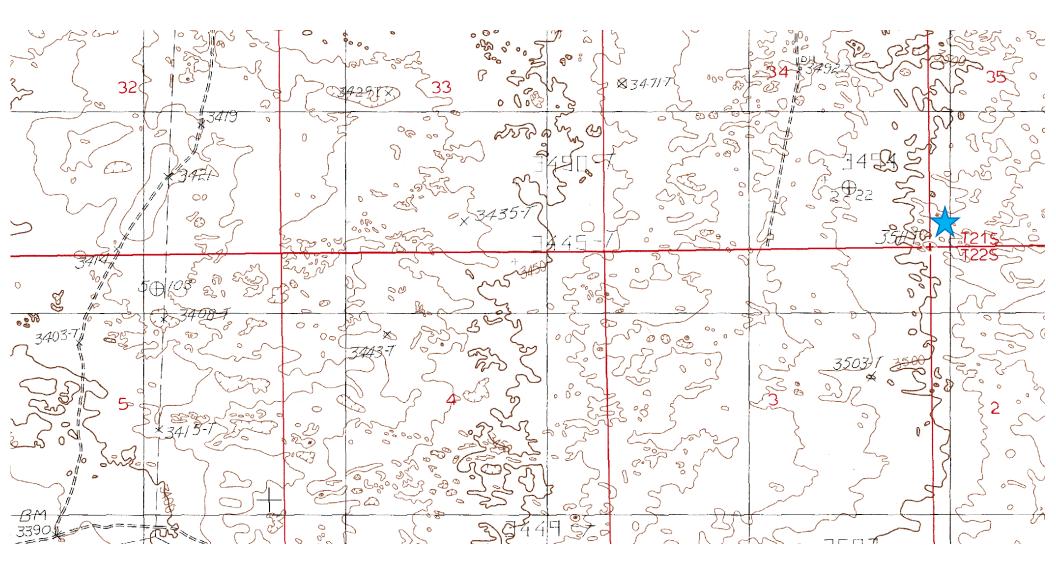
Q64:	Public Land	Survey System (PLSS) Sec: 35 Tws: 21S Rn	g: 31E
X: ft	State Plane Co Y: ft	oordinate System - NAD27 Zone:	
X: ft		oordinate System - NAD83 Zone:	
Longitude (X): Latitude (Y):			
Easting (X):		JTM - NAD27 mtrs Zone: SUBMIT	
	(): 617050.0 mtrs	e displayed as <u>NAD 1983 UTM Zone</u> Northing (Y): 3588738.0 Nen to copy UTM values for Reports. ~~	<u>13</u> mtrs

Received by OCD: 4/4/2023 9:28:06 AM

Oxy, Lost Tank 35 State #4 CTB



Oxy, Lost Tank 35 State #4 CTB



Page 15 of 45

Laboratory Analytical Results Summary Lost Tank 35 State #4 CTB

		Sample	SP1 @ Surface	SP1 @ 1'	SP1 @ 2'	SP1 @ 7'	SP1 @ 12'
Analyte	Method	Date	9/18/17	9/18/17	9/18/17	9/18/17	9/18/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		< 0.050	<0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		< 0.300	< 0.300	n/a	n/a	n/a
Chloride	SM4500CI-B		528	112	16	32	16
GRO	TPH 8015M		<200	<10.0	n/a	n/a	n/a
DRO	TPH 8015M		14200	333	n/a	n/a	n/a
EXT DRO	TPH 8015M		5270	103	n/a	n/a	n/a

		Sample	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'	SP2 @ 7'	SP2 @ 12'
Analyte	Method	Date	9/18/17	9/18/17	9/18/17	9/18/17	9/18/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		0.073	<0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		< 0.300	<0.300	n/a	n/a	n/a
Chloride	SM4500CI-B		8130	384	176	192	224
GRO	TPH 8015M		<200	<10.0	n/a	n/a	n/a
DRO	TPH 8015M		10700	18.8	n/a	n/a	n/a
EXT DRO	TPH 8015M		3640	<10.0	n/a	n/a	n/a

		Sample	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'	SP3 @ 7'	SP3 @ 12'
Analyte	Method	Date	9/18/17	9/18/17	9/18/17	9/18/17	9/18/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		0.077	<0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		< 0.300	< 0.300	n/a	n/a	n/a
Chloride	SM4500CI-B		624	48	192	96	128
GRO	TPH 8015M		<200	<10.0	n/a	n/a	n/a
DRO	TPH 8015M		7950	167	n/a	n/a	n/a
EXT DRO	TPH 8015M		2960	55.3	n/a	n/a	n/a

Cardinal points		Sample	North @ Surface	East @ Surface	West @ Surface	South @ Surface
Analyte	Method	Date	9/18/17	9/18/17	9/18/17	9/18/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	< 0.300
Chloride	SM4500CI-B		16	16	32	32
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0



September 26, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: LOST TANK 35 #4

Enclosed are the results of analyses for samples received by the laboratory on 09/20/17 15:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Tamara Oldaker

Sample Received By:

Analytical Results For:

BBC International, Inc. **Cliff Brunson** P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 09/20/2017 Sampling Date: 09/18/2017 09/26/2017 Sampling Type: Soil Project Name: LOST TANK 35 #4 Sampling Condition: Cool & Intact

Sample ID: SP 1 @ SURFACE (H702562-01)

NONE GIVEN

OXY - EDDY COUNTY, NM

Received:

Reported:

Project Number:

Project Location:

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2017	ND	2.01	101	2.00	1.25	
Toluene*	<0.050	0.050	09/26/2017	ND	1.83	91.3	2.00	1.38	
Ethylbenzene*	<0.050	0.050	09/26/2017	ND	1.85	92.5	2.00	1.23	
Total Xylenes*	<0.150	0.150	09/26/2017	ND	5.58	93.0	6.00	1.38	
Total BTEX	<0.300	0.300	09/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 72-148	}						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	09/25/2017	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<200	200	09/24/2017	ND	171	85.4	200	2.35	
DRO >C10-C28	14200	200	09/24/2017	ND	173	86.6	200	6.12	
EXT DRO >C28-C36	5270	200	09/24/2017	ND					
Surrogate: 1-Chlorooctane	40.7	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	789	% 34.7-15	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celecz D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. **Cliff Brunson** P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 Received: 09/20/2017 Sampling Date: 09/18/2017 Reported: 09/26/2017 Sampling Type: Soil Project Name: LOST TANK 35 #4 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker Project Location: OXY - EDDY COUNTY, NM

Sample ID: SP 1 @ 1 (H702562-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2017	ND	2.01	101	2.00	1.25	
Toluene*	<0.050	0.050	09/26/2017	ND	1.83	91.3	2.00	1.38	
Ethylbenzene*	<0.050	0.050	09/26/2017	ND	1.85	92.5	2.00	1.23	
Total Xylenes*	<0.150	0.150	09/26/2017	ND	5.58	93.0	6.00	1.38	
Total BTEX	<0.300	0.300	09/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 72-148							
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/25/2017	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/24/2017	ND	171	85.4	200	2.35	
DRO >C10-C28	333	10.0	09/24/2017	ND	173	86.6	200	6.12	
EXT DRO >C28-C36	103	10.0	09/24/2017	ND					
Surrogate: 1-Chlorooctane	78.6	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	94.2	% 34.7-15	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whetsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Tamara Oldaker

Analytical Results For:

BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 09/20/2017 Sampling Date: 09/18/2017 09/26/2017 Sampling Type: Soil LOST TANK 35 #4 Sampling Condition: Cool & Intact

NONE GIVEN

OXY - EDDY COUNTY, NM

Received:

Reported:

Project Name:

Project Number:

Project Location:

Sample ID: SP 1 @ 2 (H702562-03)										
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/25/2017	ND	432	108	400	3.77		

Sample Received By:

Sample ID: SP 1 @ 7 (H702562-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/25/2017	ND	432	108	400	3.77	

Sample ID: SP 1 @ 12 (H702562-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/25/2017	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whetsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims beaded upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. **Cliff Brunson** P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 Received: 09/20/2017 Sampling Date: 09/18/2017 Reported: 09/26/2017 Sampling Type: Soil Project Name: LOST TANK 35 #4 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker Project Location: OXY - EDDY COUNTY, NM

Sample ID: SP 2 @ SURFACE (H702562-06)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2017	ND	2.01	101	2.00	1.25	
Toluene*	0.073	0.050	09/26/2017	ND	1.83	91.3	2.00	1.38	
Ethylbenzene*	<0.050	0.050	09/26/2017	ND	1.85	92.5	2.00	1.23	
Total Xylenes*	<0.150	0.150	09/26/2017	ND	5.58	93.0	6.00	1.38	
Total BTEX	<0.300	0.300	09/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 72-148							
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8130	16.0	09/25/2017	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<200	200	09/24/2017	ND	171	85.4	200	2.35	
DRO >C10-C28	10700	200	09/24/2017	ND	173	86.6	200	6.12	
EXT DRO >C28-C36	3640	200	09/24/2017	ND					
Surrogate: 1-Chlorooctane	39.0	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	485 9	% 34.7-15	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whetsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. **Cliff Brunson** P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 Received: 09/20/2017 Sampling Date: 09/18/2017 Reported: 09/26/2017 Sampling Type: Soil Project Name: LOST TANK 35 #4 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker Project Location: OXY - EDDY COUNTY, NM

Sample ID: SP 2 @ 1 (H702562-07)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2017	ND	2.01	101	2.00	1.25	
Toluene*	<0.050	0.050	09/26/2017	ND	1.83	91.3	2.00	1.38	
Ethylbenzene*	<0.050	0.050	09/26/2017	ND	1.85	92.5	2.00	1.23	
Total Xylenes*	<0.150	0.150	09/26/2017	ND	5.58	93.0	6.00	1.38	
Total BTEX	<0.300	0.300	09/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 72-148	2						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	09/25/2017	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/24/2017	ND	171	85.4	200	2.35	
DRO >C10-C28	18.8	10.0	09/24/2017	ND	173	86.6	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	09/24/2017	ND					
Surrogate: 1-Chlorooctane	69.5	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	75.2	% 34.7-15	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whetsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims beaded upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. **Cliff Brunson** P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 Received: 09/20/2017 Sampling Date: 09/18/2017 Reported: 09/26/2017 Sampling Type: Soil Project Name: LOST TANK 35 #4 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker Project Location: OXY - EDDY COUNTY, NM

Sample ID: SP 2 @ 2 (H702562-08)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/25/2017	ND	432	108	400	3.77	

Sample ID: SP 2 @ 7 (H702562-09)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/25/2017	ND	432	108	400	3.77	

Sample ID: SP 2 @ 12 (H702562-10)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/25/2017	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whetsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims beaded upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. **Cliff Brunson** P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 Received: 09/20/2017 Sampling Date: 09/18/2017 Reported: 09/26/2017 Sampling Type: Soil Project Name: LOST TANK 35 #4 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker Project Location: OXY - EDDY COUNTY, NM

Sample ID: SP 3 @ SURFACE (H702562-11)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2017	ND	2.01	101	2.00	1.25	
Toluene*	0.077	0.050	09/26/2017	ND	1.83	91.3	2.00	1.38	
Ethylbenzene*	<0.050	0.050	09/26/2017	ND	1.85	92.5	2.00	1.23	
Total Xylenes*	<0.150	0.150	09/26/2017	ND	5.58	93.0	6.00	1.38	
Total BTEX	<0.300	0.300	09/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	6 72-148	2						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	09/25/2017	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<200	200	09/24/2017	ND	171	85.4	200	2.35	
DRO >C10-C28	7950	200	09/24/2017	ND	173	86.6	200	6.12	
EXT DRO >C28-C36	2960	200	09/24/2017	ND					
Surrogate: 1-Chlorooctane	29.0 9	28.3-16	4						
Surrogate: 1-Chlorooctadecane	340 %	6 34.7-15	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whetsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. **Cliff Brunson** P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 Received: 09/20/2017 Sampling Date: 09/18/2017 Reported: 09/26/2017 Sampling Type: Soil Project Name: LOST TANK 35 #4 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker Project Location: OXY - EDDY COUNTY, NM

Sample ID: SP 3 @ 1 (H702562-12)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2017	ND	2.01	101	2.00	1.25	
Toluene*	<0.050	0.050	09/26/2017	ND	1.83	91.3	2.00	1.38	
Ethylbenzene*	<0.050	0.050	09/26/2017	ND	1.85	92.5	2.00	1.23	
Total Xylenes*	<0.150	0.150	09/26/2017	ND	5.58	93.0	6.00	1.38	
Total BTEX	<0.300	0.300	09/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 72-148	2						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/25/2017	ND	432	108	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/24/2017	ND	171	85.4	200	2.35	
DRO >C10-C28	167	10.0	09/24/2017	ND	173	86.6	200	6.12	
EXT DRO >C28-C36	55.3	10.0	09/24/2017	ND					
Surrogate: 1-Chlorooctane	75.1	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	85.5	% 34.7-15	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Liboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



NONE GIVEN

OXY - EDDY COUNTY, NM

Tamara Oldaker

Analytical Results For:

BBC International, Inc. **Cliff Brunson** P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 09/20/2017 Sampling Date: 09/18/2017 09/26/2017 Sampling Type: Soil Project Name: LOST TANK 35 #4 Sampling Condition: Cool & Intact

Sample ID: SP 3 @ 2 (H702562-13)

Received:

Reported:

Project Number:

Project Location:

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/25/2017	ND	432	108	400	3.77	

Sample Received By:

Sample ID: SP 3 @ 7 (H702562-14)

Chloride, SM4500Cl-B	ide, SM4500Cl-B mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/25/2017	ND	432	108	400	3.77	

Sample ID: SP 3 @ 12 (H702562-15)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/25/2017	ND	432	108	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



	Cliff B P.O. E	international, Inc. Brunson Box 805 s NM, 88241		
	Fax To	o: (575) 397-0397	,	
Received:	09/20/2017		Sampling Date:	09/18/2017
Reported:	09/26/2017		Sampling Type:	Soil
Project Name:	LOST TANK 35 #4		Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN		Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM			

Sample ID: NORTH @ SURFACE (H702562-16)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2017	ND	2.01	101	2.00	1.25	
Toluene*	<0.050	0.050	09/26/2017	ND	1.83	91.3	2.00	1.38	
Ethylbenzene*	<0.050	0.050	09/26/2017	ND	1.85	92.5	2.00	1.23	
Total Xylenes*	<0.150	0.150	09/26/2017	ND	5.58	93.0	6.00	1.38	
Total BTEX	<0.300	0.300	09/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 72-148	2						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/25/2017	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/24/2017	ND	171	85.4	200	2.35	
DRO >C10-C28	<10.0	10.0	09/24/2017	ND	173	86.6	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	09/24/2017	ND					
Surrogate: 1-Chlorooctane	49.3	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	56.2	% 34.7-15	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including those of use, or loss of profits incurred by client, its subsidiaries, affiliates or successor arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. **Cliff Brunson** P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 Received: 09/20/2017 Sampling Date: 09/18/2017 Reported: 09/26/2017 Sampling Type: Soil Project Name: LOST TANK 35 #4 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker Project Location: OXY - EDDY COUNTY, NM

Sample ID: EAST @ SURFACE (H702562-17)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2017	ND	2.01	101	2.00	1.25	
Toluene*	<0.050	0.050	09/26/2017	ND	1.83	91.3	2.00	1.38	
Ethylbenzene*	<0.050	0.050	09/26/2017	ND	1.85	92.5	2.00	1.23	
Total Xylenes*	<0.150	0.150	09/26/2017	ND	5.58	93.0	6.00	1.38	
Total BTEX	<0.300	0.300	09/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 72-148	2						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/25/2017	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/24/2017	ND	171	85.4	200	2.35	
DRO >C10-C28	<10.0	10.0	09/24/2017	ND	173	86.6	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	09/24/2017	ND					
Surrogate: 1-Chlorooctane	69.9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	69.2	% 34.7-15	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whetsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. **Cliff Brunson** P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397 Received: 09/20/2017 Sampling Date: 09/18/2017 Reported: 09/26/2017 Sampling Type: Soil Project Name: LOST TANK 35 #4 Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Tamara Oldaker Project Location: OXY - EDDY COUNTY, NM

Sample ID: WEST @ SURFACE (H702562-18)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2017	ND	2.01	101	2.00	1.25	
Toluene*	<0.050	0.050	09/26/2017	ND	1.83	91.3	2.00	1.38	
Ethylbenzene*	<0.050	0.050	09/26/2017	ND	1.85	92.5	2.00	1.23	
Total Xylenes*	<0.150	0.150	09/26/2017	ND	5.58	93.0	6.00	1.38	
Total BTEX	<0.300	0.300	09/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 72-148	2						
Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/25/2017	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/24/2017	ND	171	85.4	200	2.35	
DRO >C10-C28	<10.0	10.0	09/24/2017	ND	173	86.6	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	09/24/2017	ND					
Surrogate: 1-Chlorooctane	59.6	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	64.4	% 34.7-15	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whetsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



		BBC Interna Cliff Brunso P.O. Box 80 Hobbs NM,	05		
		Fax To:	(575) 397-0397		
Received:	09/20/2017			Sampling Date:	09/18/2017
Reported:	09/26/2017			Sampling Type:	Soil
Project Name:	LOST TANK 35 #4			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNT	Y, NM			

Sample ID: SOUTH @ SURFACE (H702562-19)

BTEX 8021B	mg/kg		Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/26/2017	ND	2.01	101	2.00	1.25	
Toluene*	<0.050	0.050	09/26/2017	ND	1.83	91.3	2.00	1.38	
Ethylbenzene*	<0.050	0.050	09/26/2017	ND	1.85	92.5	2.00	1.23	
Total Xylenes*	<0.150	0.150	09/26/2017	ND	5.58	93.0	6.00	1.38	
Total BTEX	<0.300	0.300	09/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 72-148	2						
Chloride, SM4500Cl-B	mg/	′kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/25/2017	ND	416	104	400	3.77	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/24/2017	ND	171	85.4	200	2.35	
DRO >C10-C28	<10.0	10.0	09/24/2017	ND	173	86.6	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	09/24/2017	ND					
Surrogate: 1-Chlorooctane	78.6	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	85.3	% 34.7-15	7						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including those of use, or loss of profits incurred by client, its subsidiaries, affiliates or successor arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatscever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, whother business interruptors, loss of use, or loss of profits incurred by client, its subsidiaries, afflicate or successor arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1042

Page 16 of 17

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476						
Company Name: BBC International, Inc.		BILL TO				ANALYSIS REQUEST
Project Manager: Cliff Brunson	9	P.O. #:				
Address: P.O. Box 805	0	Company: QX4				
city: Hobbs State: NM Zip:	88241	Attn: Wade Withr	T			
5-397-6388 Fax #:	575-397-0397 A	Address:				
Project #: Project Owner: 🔿 🏹		City:				
Project Name: Loust Tunk 35 #4	SI	State: Zip:				
Project Location: Eddy County	P	Phone #:				
F	Fa	Fax #:				
	MATRIX	PRESERV. SAMPLING	NG			
Lab I.D. Sample I.D.	CONTAINERS ROUNDWATER ASTEWATER OIL IL LUDGE THER :	CID/BASE: E / COOL THER :	TMF C1	BTEX TPHEX		
1 SPIQ Sur	<	V 4.18.17	10:30 V	V V		
2 50 101	<	<	V Shipi	< <		
20192	<	<	11:02 ~			
LOI15 H	<	<	11,16 V			
El MIDSS	<	, <	11:35 V			
6 SP2Q Sur	<	<	+	< <		
7 SP2Q 1	V	~	+	< v		
C Ords &	<	. <	Valso V			
0205	, <	<	A SOLL			
E! @ 2 05 9)			1 idd V		$\left \right $	
PLEASE NOTE: Lability and Damages. Cardinals liability and clearts exclusive eineroy for any cuam straig winemer soard in contract or on, sum our innorm you or you coment or any other applicable analyses. All claims including those for negliquene and any other cuales whatsever shall be deemed waived unlearn and in exclusion by Cardinal white D cardinal white completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of portis incurred by client, its subsidiaries,	laim ansing whether based in corrigation or i ned waived unless made in writing and rev put limitation, business interruptions, loss	ort, siral be innered to use announce par- seived by Cardinal within 30 days after of use, or loss of profits incurred by c	or by the creater of the appli- client, its subsidiaries,	cable		
Relinquished By / / Date / Date / Relinquished By / / Relinquished	Received By:		Phone Result:	□ Yes	No	Add'l Phone #: Add'l Fax #:
less thanks The show	Flahis Domery	DI M.	REMARKS:			
y: Date: I F	Received By:	-				
delie Genery Mr. 13:10	Maluy (withow				
Delivered By: (Circle Ohe) 1.8.C/ #75	- Sai	(Initials)				
Sampler - UPS - Bus - Other:	No No	HC				

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Corrected +.25°C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

JOF

ر

Page 17 of 17

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476			
Company Name: BBC International, Inc.	0.1.1.1/2		ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:		
Address: P.O. Box 805	Company:	-	
city: Hobbs State: NM Zip:	: 88241 Attn: Wall	that	
Phone #: 575-397-6388 Fax #: 575-397-0397	7-0397 Address:		
Project Owner:	Oty City:		
Project Name: LUST TANK 35 Hy	State: Zip:		
Project Location: Eddy County	Phone #:		
Rough	Fax #:		
	MATRIX PRESERV.	SAMPLING	
	IERS /ATER TER		
Lab I.D. Sample I.D.	ROUNDW/ ASTEWAT DIL LUDGE THER : CID/BASE E / COOL THER :	TIME CI BTEX TPH	
11 CP 3 R Curr		V V A 85:1 LIBIT	
		V V V LUI	
2 0 2 9 2 8 1 S		1:59 V	
14 50 2 07 14 11		J:13 V	
0 E1002 15 51		× 81.5	
le NO Sur		Dids V V V	
17 E Q Sur G		Disa V V V	
1 N D SWP		T NO Y V V	
SQS		VVVVVV	
Marchine Sanda In	aim arising whather hased in contract or fort, shall be limited to the a	amount paid by the client for the	
PLEASE NOTE: Labiting and usinages calculate summy and version and whatevers shall be deemed waived unless made in writing and received by Calcinal within 30 days after completion of the applicable analyses. All calms including those for negligence and any other cause whatevers shall be deemed waived unless made in writing and received by Calcinal within 30 days after completion of the applicable service in no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitates, service in no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitates, and the service in the stability of the stability of the service of t	ned waived unless made in writing and received by Cardinal within 3 out limitation, business interruptions, loss of use, or loss of profits in	0 days after completion of the applicable curred by client, its subsidiaries,	
affiliates or successors arising out of or related to the performance of services hereunder by Cardin	inal, regardless of whether such claim is based upon any of the above Received Rv:	It: 🗆 Yes	Add'I Phone #:
Relinquished By:	Flashing Jamery / K.	Ves	Add'l Fax #:
Date: 1 9120117 Time:	Hall I And And A		
0.15 Manual 1/11 3:10	Sample Condition CHECKED BY:	BY:	
Delivered By: (Circle One) 1,8.4 #75	Cool Intact (Initials)		
Sampler - UPS - Bus - Other: 2.05°			
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	ax written changes to 505-393-2476		

Corrected t.25°C

From:	Bratcher, Mike, EMNRD
To:	Cliff Brunson
Cc:	Weaver, Crystal, EMNRD; Wade Dittrich; Jennifer_Smith@oxy.com; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	RE: OXY Lost Tank 35 State #4 CTB (2RP-4323) - Delineation Workplan
Date:	Monday, March 5, 2018 10:03:20 AM
Subject:	RE: OXY Lost Tank 35 State #4 CTB (2RP-4323) - Delineation Workplan

RE: OXY USA * Lost Tank 35 St 4 CTB * 2RP-4323 * DOR: 76/28/17

Cliff,

Your proposal for remediation of the above referenced release is approved.

Mike Bratcher NMOCD District 2 811 South First Street Artesia, NM 88210 575-748-1283 Ext 108

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Wednesday, November 22, 2017 5:33 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Amber Groves
<agroves@slo.state.nm.us>
Cc: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Wade Dittrich
<Wade_Dittrich@oxy.com>; Jennifer_Smith@oxy.com; Ken Swinney
<kswinney@bbcinternational.com>; Jennifer Gilkey <jgilkey@bbcinternational.com>; Kathy Purvis
<kathy@bbcinternational.com>
Subject: OXY Lost Tank 35 State #4 CTB (2RP-4323) - Delineation Workplan

Mike and Amber,

Please find the attached Delineation Workplan and remediation proposal for the OXY Lost Tank 35 State #4 CTB (2RP-4323). OXY is requesting that you review this plan and is looking forward to both the OCD's and SLO's approval.

If you have any questions, please let me know.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS President BBC International, Inc. World-Wide Environmental Specialists Mailing Address: P. O. Box 805 Hobbs, NM 88241-0805 USA Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-0397 E-Mail: cbrunson@bbcinternational.com



Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.



























Received by OCD: 4/4/2023 9:28:06 AM BBC INTERNATIONAL









9

01





Released to Imaging: 4/11/2023 9:27:06 AM

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	203858
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By		Condition Date
bhall	None	4/10/2023

Page 45 of 45

Action 203858