

**RECEIVED**

By JKeyes at 3:24 pm, Sep 29, 2015

PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND
E-MAIL: cbrunson@bbcinternational.com**APPROVED**

By JKeyes at 3:24 pm, Sep 29, 2015

OXY – WH ELSON TANK BATTERY

REMEDIATION PLAN

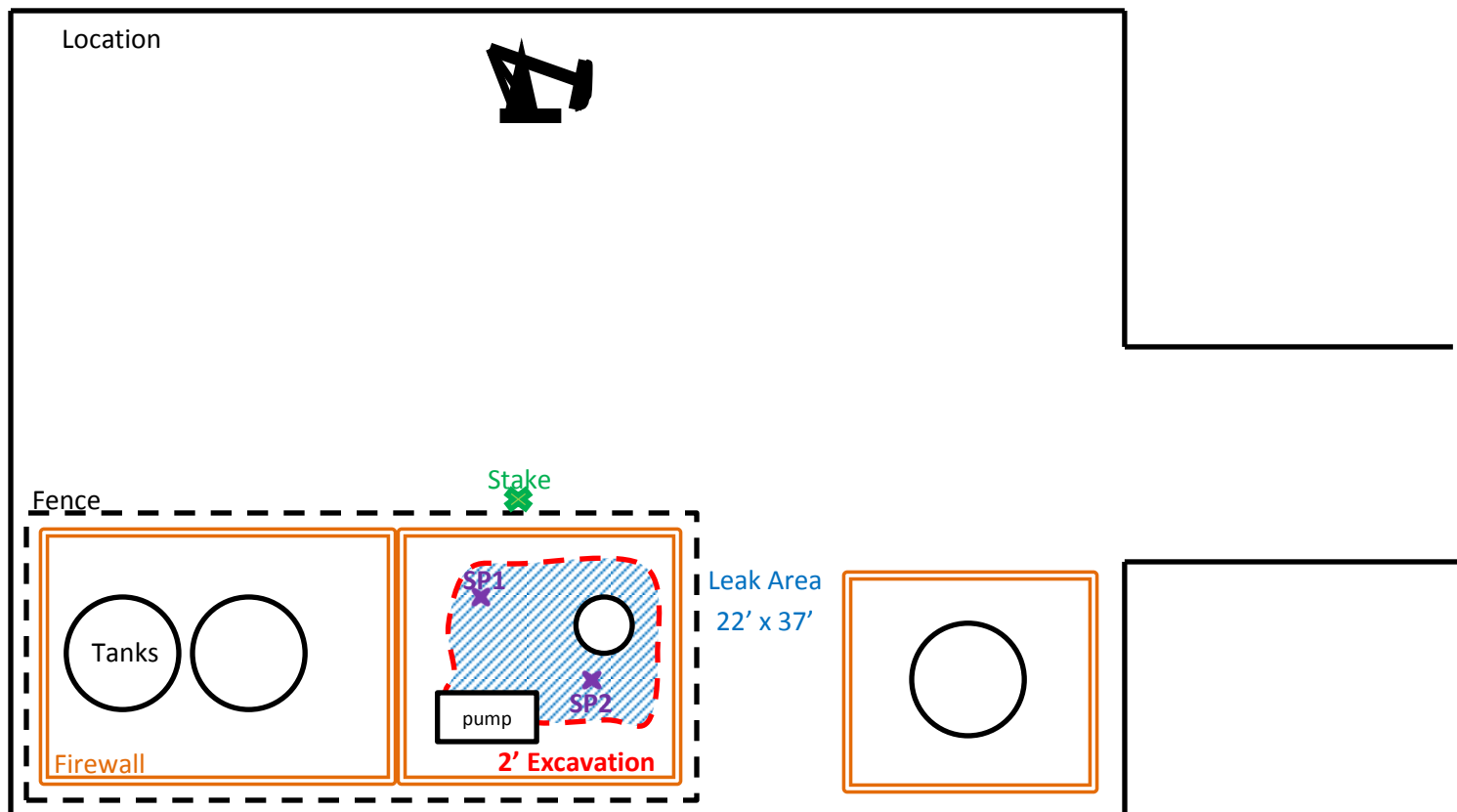
OXY will excavate the spill area as depicted on the following site diagram. The entire spill area will be excavated to a depth of 2 feet. All excavated materials will be disposed of at an NMOCD-approved disposal facility.

This plan will remove the contaminants to NMOCD acceptable levels as agreed upon.

The site will then be backfilled with clean soil.



Oxy
WH Elson Tank Battery



UL K, Sec 21, T23S, R37E

Lea County, NM

N 32.28792° W 103.16994°

API# 30-025-10817

BBC International, Inc.

Oxy
WH Elson Tank Battery

Date: 08/27/2015

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2015



Groundwater Plot

Oxy WH Elson Tank Battery

County
Lea

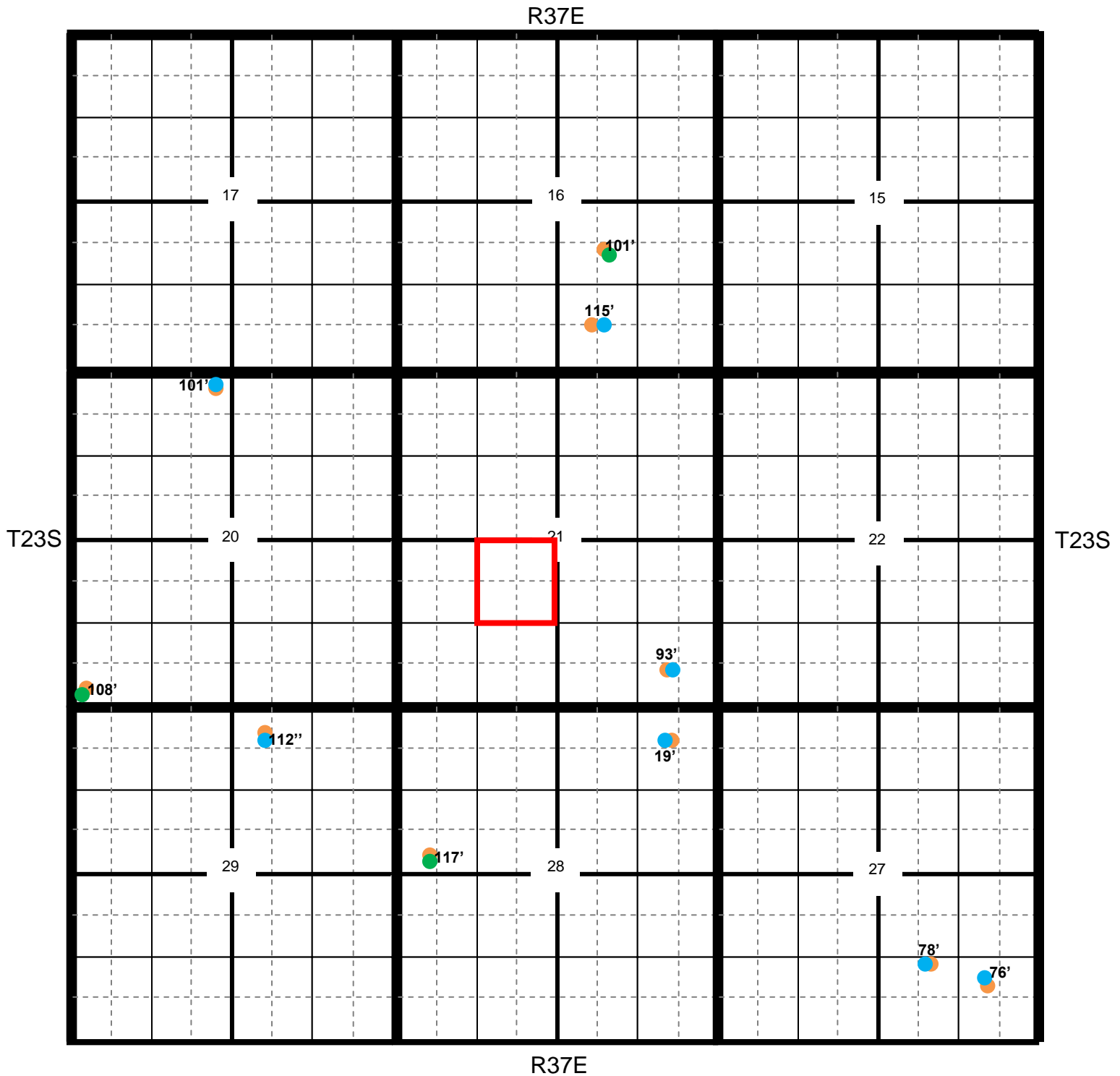
Unit Letter
K

Section
21

Township
23S

Range
37E

Trend Map 75'-100'



Location

OCD

USGS

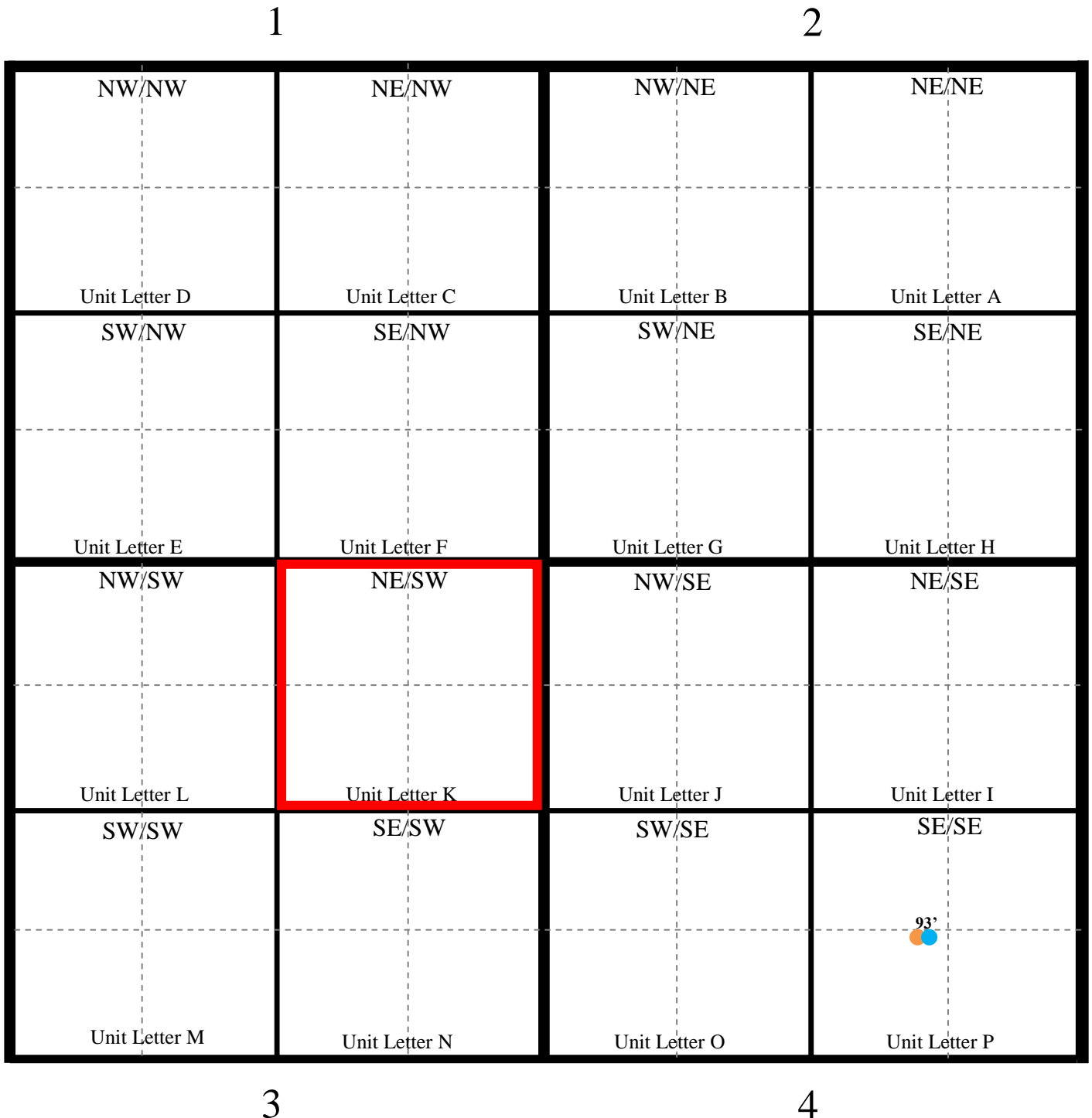
SEO

All Databases

Oxy WH Elson Tank Battery

County Lea **Unit Letter** K **Section** 21 **Township** 23S **Range** 37E

Trend Map 75'-100'



Laboratory Analytical Results Summary
WH Elson Tank Battery

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	8/26/15	8/26/15	8/26/15	8/26/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.624	<2.00	<0.050	<0.050
Toluene	BTEX 8021B		9.85	31.9	<0.050	<0.050
Ethylbenzene	BTEX 8021B		10	59.8	0.106	<0.050
Total Xylenes	BTEX 8021B		25.6	117	0.317	<0.150
Total BTEX	BTEX 8021B		46	209	0.423	<0.300
Chloride	SM4500Cl-B		4200	464	64	64
GRO	TPH 8015M		528	2820	<10.0	<10.0
DRO	TPH 8015M		39400	12500	155	32.9

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	8/26/15	8/26/15	8/26/15	8/26/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<2.00	<0.050	<0.050
Toluene	BTEX 8021B		9.96	33.7	<0.050	<0.050
Ethylbenzene	BTEX 8021B		11	36.6	0.147	<0.050
Total Xylenes	BTEX 8021B		25.5	127	0.48	<0.150
Total BTEX	BTEX 8021B		46.4	224	0.628	<0.300
Chloride	SM4500Cl-B		4640	400	80	64
GRO	TPH 8015M		615	2730	12.9	<10.0
DRO	TPH 8015M		39600	12100	273	66.6

September 02, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: WH ELSON

Enclosed are the results of analyses for samples received by the laboratory on 08/27/15 11:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited 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. Keene

Lab Director/Quality Manager

Analytical Results For:

BBC International, Inc.
Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 08/27/2015
Reported: 09/02/2015
Project Name: WH ELSON
Project Number: NONE GIVEN
Project Location: EUNICE, NEW MEXICO

Sampling Date: 08/26/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP1 @ SURFACE (H502275-01)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.624	0.200	08/29/2015	ND	2.05	102	2.00	3.16	
Toluene*	9.85	0.200	08/29/2015	ND	1.90	95.0	2.00	3.91	
Ethylbenzene*	10.0	0.200	08/29/2015	ND	1.98	98.8	2.00	5.88	
Total Xylenes*	25.6	0.600	08/29/2015	ND	5.93	98.9	6.00	4.45	
Total BTX	46.0	1.20	08/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4200	16.0	08/28/2015	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	528	200	08/28/2015	ND	179	89.6	200	0.906		
DRO >C10-C28	39400	200	08/28/2015	ND	197	98.7	200	0.446		

Surrogate: 1-Chlorooctane 150 % 47.2-157

Surrogate: 1-Chlorooctadecane 852 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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 Hobbs NM, 88241
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 Received: 08/27/2015
 Reported: 09/02/2015
 Project Name: WH ELSON
 Project Number: NONE GIVEN
 Project Location: EUNICE, NEW MEXICO

 Sampling Date: 08/26/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP1 @ 1' (H502275-02)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	08/29/2015	ND	2.05	102	2.00	3.16	
Toluene*	31.9	2.00	08/29/2015	ND	1.90	95.0	2.00	3.91	
Ethylbenzene*	59.8	2.00	08/29/2015	ND	1.98	98.8	2.00	5.88	
Total Xylenes*	117	6.00	08/29/2015	ND	5.93	98.9	6.00	4.45	
Total BTX	209	12.0	08/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	08/28/2015	ND	416	104	400	3.92		
TPH 8015M		mg/kg		Analyzed By: CK						S-06

Surrogate: 1-Chlorooctane 171 % 47.2-157

Surrogate: 1-Chlorooctadecane 206 % 52.1-176

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Received: 08/27/2015
Reported: 09/02/2015
Project Name: WH ELSON
Project Number: NONE GIVEN
Project Location: EUNICE, NEW MEXICO

Sampling Date: 08/26/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP1 @ 2' (H502275-03)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2015	ND	2.05	102	2.00	3.16	
Toluene*	<0.050	0.050	08/29/2015	ND	1.90	95.0	2.00	3.91	
Ethylbenzene*	0.106	0.050	08/29/2015	ND	1.98	98.8	2.00	5.88	
Total Xylenes*	0.317	0.150	08/29/2015	ND	5.93	98.9	6.00	4.45	
Total BTX	0.423	0.300	08/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/28/2015	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/28/2015	ND	179	89.6	200	0.906	
DRO >C10-C28	155	10.0	08/28/2015	ND	197	98.7	200	0.446	

Surrogate: 1-Chlorooctane 83.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 83.4 % 52.1-176

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Received: 08/27/2015
Reported: 09/02/2015
Project Name: WH ELSON
Project Number: NONE GIVEN
Project Location: EUNICE, NEW MEXICO

Sampling Date: 08/26/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP1 @ 3' (H502275-04)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/31/2015	ND	2.01	100	2.00	1.35		
Toluene*	<0.050	0.050	08/31/2015	ND	1.85	92.5	2.00	2.19		
Ethylbenzene*	<0.050	0.050	08/31/2015	ND	1.92	95.8	2.00	3.34		
Total Xylenes*	<0.150	0.150	08/31/2015	ND	5.89	98.2	6.00	1.79		
Total BTEx	<0.300	0.300	08/31/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/28/2015	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/28/2015	ND	179	89.6	200	0.906	
DRO >C10-C28	32.9	10.0	08/28/2015	ND	197	98.7	200	0.446	

Surrogate: 1-Chlorooctane 75.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 83.0 % 52.1-176

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Cliff Brunson
P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 08/27/2015
Reported: 09/02/2015
Project Name: WH ELSON
Project Number: NONE GIVEN
Project Location: EUNICE, NEW MEXICO

Sampling Date: 08/26/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP2 @ SURFACE (H502275-05)

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	08/31/2015	ND	2.01	100	2.00	1.35	
Toluene*	9.96	0.500	08/31/2015	ND	1.85	92.5	2.00	2.19	
Ethylbenzene*	11.0	0.500	08/31/2015	ND	1.92	95.8	2.00	3.34	
Total Xylenes*	25.5	1.50	08/31/2015	ND	5.89	98.2	6.00	1.79	
Total BTEX	46.4	3.00	08/31/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4640	16.0	08/28/2015	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	615	200	08/28/2015	ND	179	89.6	200	0.906	
DRO >C10-C28	39600	200	08/28/2015	ND	197	98.7	200	0.446	

Surrogate: 1-Chlorooctane 172 % 47.2-157

Surrogate: 1-Chlorooctadecane 848 % 52.1-176

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Cliff Brunson
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Hobbs NM, 88241
Fax To: (575) 397-0397

Received: 08/27/2015
Reported: 09/02/2015
Project Name: WH ELSON
Project Number: NONE GIVEN
Project Location: EUNICE, NEW MEXICO

Sampling Date: 08/26/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP2 @ 1' (H502275-06)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	08/31/2015	ND	2.01	100	2.00	1.35	
Toluene*	33.7	2.00	08/31/2015	ND	1.85	92.5	2.00	2.19	
Ethylbenzene*	63.6	2.00	08/31/2015	ND	1.92	95.8	2.00	3.34	
Total Xylenes*	127	6.00	08/31/2015	ND	5.89	98.2	6.00	1.79	
Total BTX	224	12.0	08/31/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	08/28/2015	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	2730	200	08/28/2015	ND	179	89.6	200	0.906	
DRO >C10-C28	12100	200	08/28/2015	ND	197	98.7	200	0.446	

Surrogate: 1-Chlorooctane 165 % 47.2-157

Surrogate: 1-Chlorooctadecane 197 % 52.1-176

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Received: 08/27/2015
Reported: 09/02/2015
Project Name: WH ELSON
Project Number: NONE GIVEN
Project Location: EUNICE, NEW MEXICO

Sampling Date: 08/26/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP2 @ 2' (H502275-07)

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2015	ND	2.01	100	2.00	1.35	
Toluene*	<0.050	0.050	08/31/2015	ND	1.85	92.5	2.00	2.19	
Ethylbenzene*	0.147	0.050	08/31/2015	ND	1.92	95.8	2.00	3.34	
Total Xylenes*	0.480	0.150	08/31/2015	ND	5.89	98.2	6.00	1.79	
Total BTEX	0.628	0.300	08/31/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/28/2015	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	12.9	10.0	08/29/2015	ND	179	89.6	200	0.906	
DRO >C10-C28	273	10.0	08/29/2015	ND	197	98.7	200	0.446	

Surrogate: 1-Chlorooctane 78.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 85.5 % 52.1-176

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*=Accredited Analyte

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Received: 08/27/2015
Reported: 09/02/2015
Project Name: WH ELSON
Project Number: NONE GIVEN
Project Location: EUNICE, NEW MEXICO

Sampling Date: 08/26/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP2 @ 3' (H502275-08)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/31/2015	ND	2.01	100	2.00	1.35	
Toluene*	<0.050	0.050	08/31/2015	ND	1.85	92.5	2.00	2.19	
Ethylbenzene*	<0.050	0.050	08/31/2015	ND	1.92	95.8	2.00	3.34	
Total Xylenes*	<0.150	0.150	08/31/2015	ND	5.89	98.2	6.00	1.79	
Total BTX	<0.300	0.300	08/31/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/28/2015	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/29/2015	ND	179	89.6	200	0.906	
DRO >C10-C28	66.6	10.0	08/29/2015	ND	197	98.7	200	0.446	

Surrogate: 1-Chlorooctane 85.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 83.9 % 52.1-176

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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

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(432) 685-5824
Facility Name	WH Elson Tank Battery	Facility Type	Battery
Surface Owner	Fee-Weir	Mineral Owner	
		API No.	30-025-10817

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	21	23S	37E					Lea County, NM

Latitude N 32.28792° Longitude W 103.16994°

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	7 bbls oil and 27 bbls produced water	Volume Recovered	0 bbls
Source of Release	Corrosion on the bottom of a vessel caused it to leak	Date and Hour of Occurrence	08/15/2015	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Kellie Jones, Jamie Keyes, & Tomas Oberding-NMOCD			
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour 08/20/2015 @ 12:38 pm			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*


Describe Cause of Problem and Remedial Action Taken.*

Corrosion on the bottom of a vessel caused 7 bbls of oil and 27 bbls of produced water to leak onto the ground. The vessel was repaired and there were no recoverable fluids.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 20' x 30' on location inside the firewall. Remediation will be completed according to a remediation plan approved by NMOCD.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION		
Printed Name: CJ Summers	Approved by Environmental Specialist:		
Title: HES Lead	Approval Date:	Expiration Date:	
E-mail Address: chancey_summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 9-11-15	Phone: (432) 685-5824		

* Attach Additional Sheets If Necessary