OXY USA, Inc.
Cotton Draw Unit #10
Closure Report

Section 16, T25S, R32E
Lea County, New Mexico

November 25, 2014

Prepared for:

OXY USA, Inc.
1017 W Stanolind Road
Hobbs, New Mexico 88240

By:

Safety & Environmental Solutions, Inc.
703 East Clinton Street
Hobbs, New Mexico 88240
(575) 397-0510

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I. Company Contacts

Representative	Company	Telephone	E-mail
Austin Tramell	OXY USA, INC.	575-499-4919	Austin_Tramell@oxy.com
Bob Allen	SESI	575-397-0510	ballen@sesi-nm.com

II. Background

Safety and Environmental Solutions, Inc. (SESI) was engaged by OXY USA, INC to perform site assessment of a release area at the Cotton Draw Unit #10 located in Section 16 of Township 25 South, Range 32 East, Lea County, New Mexico.

According to the C-141 dated April 01, 2014 the cause of release was internal corrosion of a 2" steel production flow line.

III. Surface and Ground Water

The nearest groundwater of record is approximately 7.8 miles north of the site. The New Mexico Office of State Engineer record is in Section 05 Range 32 East and Township 24 South. The reported depth was 380 feet below ground surface (BGS).

IV. Characterization

The target cleanup levels are determined using the *Guidelines for Remediation of Leaks, Spills and Releases* published by the NMOCD (August 13, 1993). Based on the ranking criteria presented below, the applicable Recommended Remediation Action Levels (RRAL) are 10 parts per million (ppm) Benzene, 50 ppm combined benzene, toluene, ethylbenzene, and total xylenes (BTEX), and 5,000 ppm Total Petroleum Hydrocarbons (TPH).

Depth to Ground Water:			
(Vertical distance from contaminants to seasonal high water elevation of groundwater)	Less than 50 feet	20 points	
	50 feet to 99 feet	10 points	
	>100 feet	0 points	**X**
Wellhead Protection Area:			
(Less than 200 feet from a private domestic water source; or less than 1000 feet from all other water sources)	Yes	20 points	
	No	0 points	**X**
Distance to Surface Water:			
(Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet	20 points	
	200 feet to 1000 feet	10 points	
	>1000 feet	0 points	**X**
RANKING SCORE (TOTAL POINTS)			**0**

V. Work Performed

On April 3, 2014 SESI was onsite to perform a site assessment. The release area was mapped utilizing a Trimble Juno 3D and site photos were taken.

On April 21, 2014, SESI was onsite to determine vertical extent of contamination using a hand auger to collect samples. SP-1 was taken at the surface and at a depth of 1'

where a hard caliche layer was encountered. Samples were taken at SP-2 at surface and at 1' ft., 2' ft. and 2.5 ft. A hard layer of caliche was encountered the depth of 2.5 ft. Samples were taken at SP-3 at the surface and at 1' ft., 2 ft. and, 2.5 ft. where a hard layer of caliche was encountered. All samples were properly packaged, preserved and transported to Cardinal Laboratories, Hobbs New Mexico and analyzed for Chloride (Cl^-) (Method SM4500Cl-B). The results of the analysis are presented in the table below:

Lab ID	Sample ID	Cl (mg/kg)
Analysis Date:	**-**	
5-1-2014	Sample Pt 1 @ Surface	20800
5-1-2014	Sample Pt 1 @ 1' BGS	3640
5-1-2014	Sample Pt 2 @ Surface	36800
5-1-2014	Sample Pt 2 @ 1' BGS	1070
5-1-2014	Sample Pt 2 @ 2' BGS	2320
5-1-2014	Sample Pt 2 @ 2'6" BGS	8480
5-1-2014	Sample Pt 3 @ Surface	14700
5-1-2014	Sample Pt 3 @ 1' BGS	3800
5-1-2014	Sample Pt 3 @ 2' BGS	11600
5-1-2014	Sample Pt 3 @ 2'6" BS	12000

On April 22, 2014, SESI, along with Custom Welding were on site to install (4) four test trenches to determine further contamination. Test Trenches samples were taken at 1 ft., 4ft., 5ft and 6 ft. away from the pipelines. A hard layer of caliche was encountered at the 6 ft. All samples were properly packaged, preserved and transported to Cardinal Laboratories, Hobbs New Mexico and analyzed for Chloride (Cl^-) (Method SM4500Cl-B). The results of the analysis are presented in the table below:

Lab ID	Sample ID	Cl (mg/kg)
Analysis Date:	**-**	
5-1-2014	TT-1 @ 3'	2960
5-1-2014	TT-1 @ 4'	528
5-1-2014	TT-1 @ 5'	2200
5-1-2014	TT-1 @ 6'	1500

On August 26, 2014 SESI along with Custom Welding began excavation of contaminated soil. At the end of the day the following samples were taken, properly packaged, preserved and transported to Cardinal Laboratories, Hobbs New Mexico and analyzed for Chloride (Cl-) (Method SM4500Cl-B). The results of the analysis are presented in the table below:

Lab ID	Sample ID	Cl (mg/kg)
Analysis Date:	**-**	
8-26-2014	South Wall (East)	1600
8-26-2014	Bottom 7' BGS	2320
8-26-2014	North Wall (East)	944
8-26-2014	North Wall (West)	864
8-26-2014	South Wall (West)	1880
8-26-2014	West Wall	448

The results of the sampling above indicate that there are three areas still above the target level of 1500 ppm Cl.

On October 10, 2014 SESI continued excavation the three problem areas indicated above. Samples were taken from the three problem areas after the excavation was completed, properly packaged, preserved and transported to Cardinal Laboratories, Hobbs New Mexico and analyzed for Chloride (Cl-) (Method SM4500Cl-B). The results of the analysis are presented in the table below:

Lab ID	Sample ID	Cl (mg/kg)
Analysis Date:	**-**	
10-10-2014	Bottom 7' BGS	64.0
10-10-2014	North Wall	928
10-10-2014	South Wall	272

The results of the final sampling indicated that the chloride concentrations of all sides and bottom of the excavation are below the target level of 1500 ppm Cl.

VI. Closure

All sides and bottom were excavated to the target level of 1500 ppm Cl or less. At that point a polyethylene liner was installed and the excavation was backfilled and turned to natural grade. All contaminated were transported to an NMOCD approved disposal facility.

All required work from the approved work plan has been completed.

VII. Figures & Appendices

Figure 1 – Vicinity Map
Figure 2 – Site Plan
Figure 3 – NMOCD Trend Map
Appendix A – Analytical Results
Appendix B – C-141

Figure 1
Vicinity Map

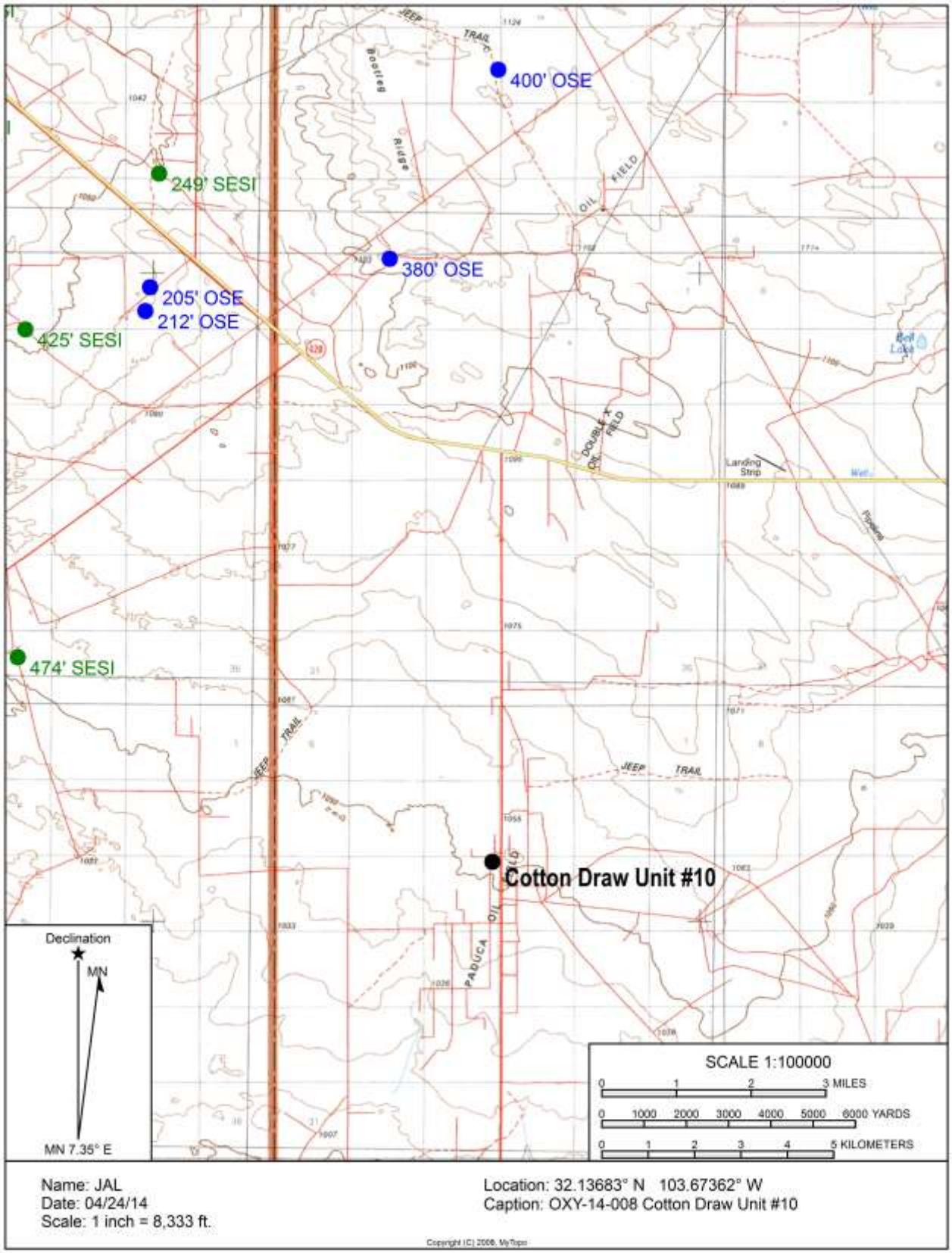
400' OSE
249' SESI
380' OSE
205' OSE
212' OSE
425' SESI
474' SESI
Cotton Draw Unit #10
JEEP TRAIL
Boston Ridge
OIL FIELD
DOUBLE X OIL FIELD
PADUCA OIL FIELD
Landing Strip
Red Lake
Declination
MN
MN 7.35° E
SCALE 1:100000
0 1 2 3 MILES
0 1000 2000 3000 4000 5000 6000 YARDS
0 1 2 3 4 5 KILOMETERS
Name: JAL
Date: 04/24/14
Scale: 1 inch = 8,333 ft.
Location: 32.13683° N 103.67362° W
Caption: OXY-14-008 Cotton Draw Unit #10
Copyright (C) 2008, MyTopo

Figure 2
Site Plan

OXY-14-008 Cotton Draw Unit #10

Figure 3
NMOCD Trend Map

NMOCD Trend Map

Appendix A
Analytical Results

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 01, 2014

Bob Allen

Safety & Environmental Solutions

703 East Clinton

Hobbs, NM 88240

RE: COTTONDRAW UNIT 10

Enclosed are the results of analyses for samples received by the laboratory on 05/01/14 8:15.

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 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. Keene

Celey D. Keene

Lab Director/Quality Manager

Page 1 of 7

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	05/01/2014	Sampling Date:	04/21/2014
Reported:	05/01/2014	Sampling Type:	Soil
Project Name:	COTTONDRAW UNIT 10	Sampling Condition:	** (See Notes)
Project Number:	OXY-14-008	Sample Received By:	Celey D. Keene
Project Location:	C1		

Sample ID: SAMPLE PT 1 @ SURFACE (H401318-01)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**20800**	16.0	05/01/2014	ND	416	104	400	3.92	

Sample ID: SAMPLE PT 1 @ 1' BGS (H401318-02)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3640**	16.0	05/01/2014	ND	416	104	400	3.92	

Sample ID: SAMPLE PT 2 @ SURFACE (H401318-03)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**36800**	16.0	05/01/2014	ND	416	104	400	3.92	

Sample ID: SAMPLE PT 2 @ 1' BGS (H401318-04)

Chloride, SM4500Cl-B mg/kg Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1070**	16.0	05/01/2014	ND	416	104	400	3.92	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	05/01/2014	Sampling Date:	04/21/2014
Reported:	05/01/2014	Sampling Type:	Soil
Project Name:	COTTONDRAW UNIT 10	Sampling Condition:	** (See Notes)
Project Number:	OXY-14-008	Sample Received By:	Celey D. Keene
Project Location:	C1		

Sample ID: SAMPLE PT 2 @ 2' BGS (H401318-05)

Chloride, SM4500Cl-B — mg/kg — Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	05/01/2014	ND	416	104	400	3.92	

Sample ID: SAMPLE PT 2 @ 2'6" BGS (H401318-06)

Chloride, SM4500Cl-B — mg/kg — Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8480	16.0	05/01/2014	ND	416	104	400	3.92	

Sample ID: SAMPLE PT 3 @ SURFACE (H401318-07)

Chloride, SM4500Cl-B — mg/kg — Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14700	16.0	05/01/2014	ND	416	104	400	3.92	

Sample ID: SAMPLE PT 3 @ 1' BGS (H401318-08)

Chloride, SM4500Cl-B — mg/kg — Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	05/01/2014	ND	416	104	400	3.92	

Sample ID: SAMPLE PT 3 @ 2' BGS (H401318-09)

Chloride, SM4500Cl-B — mg/kg — Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11600	16.0	05/01/2014	ND	416	104	400	3.92	

Cardinal Laboratories — *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

Safety & Environmental Solutions
Bob Allen
703 East Clinton
Hobbs NM, 88240
Fax To: (575) 393-4388

Received:	05/01/2014	Sampling Date:	04/21/2014
Reported:	05/01/2014	Sampling Type:	Soil
Project Name:	COTTONDRAW UNIT 10	Sampling Condition:	** (See Notes)
Project Number:	OXY-14-008	Sample Received By:	Celey D. Keene
Project Location:	C1		

Sample ID: SAMPLE PT 3 @ 2'6" BGS (H401318-10)

Chloride, SM4500Cl-B — mg/kg — Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**12000**	16.0	05/01/2014	ND	416	104	400	3.92	

Sample ID: TT-1 @ 3' BGS (H401318-11)

Chloride, SM4500Cl-B — mg/kg — Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2960**	16.0	05/01/2014	ND	416	104	400	3.92	

Sample ID: TT-1 @ 4' BGS (H401318-12)

Chloride, SM4500Cl-B — mg/kg — Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**528**	16.0	05/01/2014	ND	416	104	400	3.92	

Sample ID: TT-1 @ 5' BGS (H401318-13)

Chloride, SM4500Cl-B — mg/kg — Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2200**	16.0	05/01/2014	ND	416	104	400	3.92	

Sample ID: TT-1 @ 6' BGS (H401318-14)

Chloride, SM4500Cl-B — mg/kg — Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1500**	16.0	05/01/2014	ND	416	104	400	3.92	

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

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

Celey D. Keene, Lab Director/Quality Manager

CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

Company Name:	Safety & Environmental Solutions, Inc.	BILL TO	
Project Manager:	Bob Allen	P.O. #:	
Address:	703 East Clinton	Company:	Same
City:	Hobbs State: NM Zip: 88240	Attn:	
Phone #:	575-397-0510 Fax #: 575-393-4388	Address:	
Project #:	OXY-14-008 Project Owner: Antelope Ridge Unit	City:	
Project Name:	Cottondraw Unit 10	State: Zip:	
Project Location:	C1	Phone #:	
Sampler Name:	Roberto Parra	Fax #:	

ANALYSIS REQUEST: Chlorides

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV: ACID/BASE	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	Chlorides
H401378-															
01	Sample #1 @ surface	G	1			✓						✓	4.21.14	9:00 AM	✓
02	Sample #1 @ 1' bgs													9:05 AM	
03	Sample #2 @ surface													9:15 AM	
04	Sample #2 @ 1' bgs													9:20 AM	
05	Sample #2 @ 2' bgs													9:25 AM	
06	Sample #2 @ 2'6" bgs													9:30 AM	
07	Sample #3 @ surface													10:00 AM	
08	Sample #3 @ 1' bgs													10:05 AM	
09	Sample #3 @ 2' bgs													10:10 AM	
10	Sample #3 @ 2'6" bgs													10:15 AM	

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice and all costs of collection, including attorney's fees.

Sampled/Relinquished: Roberto Parra	Date: 5-1-14	Received By:	Phone Result: ☐ Yes ☐ No	Add'l Phone #:	
Relinquished By:	Time: 7:00am / 8:15	Received By:	Fax Result: ☐ Yes ☐ No	Add'l Fax #:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Temp. 22.2°C	Sample Condition: Cool ☐ Yes ☑ No; Intact ☑ Yes ☐ No	CHECKED BY: (Initials) cdh	REMARKS: Email: Santiago@sesi-nm.com; ballen@sesi-nm.com; office@sesi-nm.com; RParra@sesi-nm.com. RUSH	

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

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CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 2

Company Name:	Safety & Environmental Solutions, Inc.	BILL TO	
Project Manager:	Bob Allen	P.O. #:	
Address:	703 East Clinton	Company:	Same
City:	Hobbs State: NM Zip: 88240	Attn:	
Phone #:	575-397-0510 Fax #: 575-393-4388	Address:	
Project #:	0X4-14-008 Project Owner: Apache Tramel	City:	
Project Name:	Cotton draw unit #1	State: Zip:	
Project Location:	CI	Phone #:	
Sampler Name:	Roberto Rosa	Fax #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	PRESERV: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: Chlorides
H401318-															
11	TT-1@ 3' bgs	G	1			✓						✓	4.22.14	9:30am	✓
12	TT-1@ 4' bgs	G	1			✓						✓	4.22.14	9:35am	✓
13	TT-1@ 5' bgs	G	1			✓						✓	4.22.14	9:40am	✓
14	TT-1@ 6' bgs	G	1			✓						✓	4.22.14	9:10AM	✓

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts over 30 days past due at the rate of 24% per annum from the original date of invoice and all costs of collection, including attorney's fees.

Sampler Relinquished: Robert Rosa	Date: 5.1.14	Received By: Chylleene	Phone Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Time: 8:15	Received By:	Fax Result: ☐ Yes ☐ No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Temp. 22.2c	Sample Condition: Cool ☑ Yes ☐ No; Intact ☐ Yes ☐ No	CHECKED BY: (Initials) GH

REMARKS: RUSH

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

#54

Appendix B
C-141

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 USA Inc.	Contact Austin Tramell
Address 1017 W Stanolind Road	Telephone No. 575-499-4919
Facility Name Cotton Draw Unit 10	Facility Type Well location

Surface Owner BLM	Mineral Owner	API No. 30-025-08195

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
A	16	25S	32E	660	N	660	E	Lea

Latitude 32.13683° Longitude -103.67362°

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 35BBL	Volume Recovered 30BBL
Source of Release 2" steel production line due to internal corrosion	Date and Hour of Occurrence 04/01/2014 @ 2:00 PM	Date and Hour of Discovery
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Geoffrey Leking NMOCD, Jennifer Van Curen BLM	
By Whom? Austin Tramell	Date and Hour 04/02/2014 @02:37 PM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Internal corrosion on a 2" steel production flow line cause 35 bbls of produced water to leak onto the ground. 30 bbls of fluid was recovered and well was shut in.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 18'x40'. Remediation will be completed in accordance with an approved remediation plan from the NMOCD and the BLM.

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: Austin Tramell	Approved by Environmental Specialist:	
Title: HES Specialist	Approval Date:	Expiration Date:
E-mail Address: Austin_tramell@oxy.com	Conditions of Approval:	Attached ☐
Date: 04/14/2014 Phone: 575-499-4919		

* Attach Additional Sheets If Necessary

Appendix C
Site Photographs

Photo #1 – East of fence line facing west

Photo #2 – West of fence line facing west

Photo #3 – Release Point

Photo #4 – Spill area facing east

Photo #5 - Spill are facing north east end

Photo #6 – Spill area facing north West end

Photo # 7 – Spill area facing south west end

Photo #8 – Spill are facing south east end

Photo #9 – Bottom of spill area

Appendix D
NMOSE Water Column/Average Depth to Water

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(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)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02216	CUB	LE	2	2	4	21	23S	32E	625035	3573261*	585	400	185

Average Depth to Water: **400 feet**

Minimum Depth: **400 feet**

Maximum Depth: **400 feet**

Record Count: 1

PLSS Search:

Section(s): 21 **Township:** 23S **Range:** 32E

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(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)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 03555 POD1	C		LE	2	2	1	05	24S	32E	622709	3569231	600	380	220

Average Depth to Water: **380 feet**

Minimum Depth: **380 feet**

Maximum Depth: **380 feet**

Record Count: 1

PLSS Search:

Section(s): 5 **Township:** 24S **Range:** 32E

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(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)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Depth Well	Depth Water	Water Column
C 02405	C	ED	4	1		02	24S	31E	617690	3568631*	275	160	115
C 02460	C	ED			3	02	24S	31E	617496	3568022*	320		
C 02460 POD2	C	ED			3	02	24S	31E	617496	3568022*	320		
C 02464	C	ED	3	4	1	02	24S	31E	617589	3568530*	320	205	115

Average Depth to Water: **182 feet**

Minimum Depth: **160 feet**

Maximum Depth: **205 feet**

Record Count: 4

PLSS Search:

Section(s): 2 **Township:** 24S **Range:** 31E

***UTM location was derived from PLSS - see Help**