



CONOCOPHILLIPS

P.O. Box 2197
Houston, TX 77252-2197
Phone 281.293.1000

SEMU DTB Battery 1RP-3233

Termination Request

API No. 3002506115

Release Date: November 21st, 2013

Unit Letter I, Section 15, Township 20S, Range 37E

November 18th, 2014

Dr. Tomáš Oberding, PhD

Environmental Specialist – New Mexico Oil Conservation Division
Energy, Minerals and Natural Resources Department
1625 N. French Dr.
Hobbs, NM 88240

**RE: Termination Request
ConocoPhillips SEMU DTB Battery (1RP-3233)
UL/I sec. 15 T20S R37E
API No. 3002506115**

Dr. Oberding:

ConocoPhillips (CoP) has retained Rice Environmental Consulting and Safety (RECS) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately 4.1 miles southeast of Monument, New Mexico at UL/I sec. 15 T20S R37E. NM OSE records indicate that groundwater will likely be encountered at a depth of approximately 78 +/- feet.

On November 21st, 2013, CoP found the fire tube on the heater was leaking. The wells to the heater were shut in. A total of 10 barrels of produced water and 14 barrels of oil were released over 3,031 square feet of battery lease pad. A vacuum truck was called to the site and recovered 10 barrels of oil. NMOCD and BLM were notified of the release on November 21st, 2013 and an initial C-141 was sent to NMOCD on November 25th, 2013 (Appendix A).

RECS personnel were on site beginning on November 26th, 2013 to assess the release. Soil samples were taken at the surface and at depth at four points within the release (Figure 1). Representative samples were taken to a commercial laboratory for analysis (Appendix B). Chloride values throughout the release were relatively low, except at the surface and 6 inches bgs at Point 1 and at 6 inches bgs at Point 3. Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) achieved levels below regulatory standards between 1 foot bgs and 1.5 feet bgs at all points except at Point 1. At Point 1, GRO readings returned values of non-detect beginning at 1 foot bgs, and DRO values were elevated throughout. BTEX readings achieved values below regulatory standards between 1 foot bgs and 2 foot bgs for each point.

A Corrective Action Plan (CAP) was submitted to NMOCD and BLM on February 17th, 2014. NMOCD verbally approved the CAP on January 3rd, 2014 prior to formal submission of the documentation. BLM approved the CAP on February 19th, 2014 with the stipulation that the area

within the tank battery firewall will need to be remediated to below regulatory standards upon final abandonment. On January 3rd, 2014, NMOCD requested clean clay and caliche be imported to the site to serve as backfill. The bottom of the scrape needed to be backfilled with 4 inches of clay covered by 4 inches of caliche, and then the site contoured to the surrounding location.

Corrective actions began at the site on June 30th, 2014. The release area was scraped down 6 inches bgs to 1 foot bgs by hand. All excavated soil, for a total of 45 cubic yards, was taken to a NMOCD approved facility for disposal. Once the scrape was completed, a request to backfill the site was sent on July 8th, 2014 to NMOCD and BLM. NMOCD and BLM approved the site to be backfilled on the same day. A total of 20 cubic yards of clay and 45 cubic yards of caliche were imported to the site to serve as backfill. Four inches of clay was backfilled into the scrape and then covered by the imported caliche. A sample of the imported caliche was taken to a commercial laboratory for analysis and returned a chloride result of 64 mg/kg (Appendix B). The backfilled caliche was contoured by hand to the surrounding location.

Photo documentation of all activities can be found in Appendix C.

Given that the site has been scraped as per the approved CAP and backfilled with clean, imported soil, CoP respectfully requests 'remediation termination' and site closure with the stipulation that the remaining constituents will be remediated at facility abandonment. A final C-141 for the release can be found in Appendix D.

RECS appreciates the opportunity to work with you on this project. Please call Hack Conder at (575) 393-2967 or me if you have any questions or wish to discuss the site.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Lara Weinheimer', with a stylized flourish at the end.

Lara Weinheimer
Project Scientist
RECS
(575) 441-0431

Attachments:

- Figure 1 – Initial Sampling Data
- Appendix A – Initial C-141
- Appendix B – Site Sampling Labs
- Appendix C – Photo Documentation
- Appendix D – Final C-141

Figures

Initial Sampling Data

Point 1	Cl-	PID	GRO	DRO	B	T	E	X	BTEX
Surface	2280	770.4	1040	3660	2.48	30.8	35.7	60.3	129
6"	1562	29.5							
1'	320	9.3	<200	1320	<0.05	0.097	0.094	<0.15	<0.3
1.5'	16	9.6	<200	1470	<0.05	0.058	<0.05	<0.15	<0.3

Point 2	Cl-	PID	GRO	DRO	B	T	E	X	BTEX
Surface	192	588	3050	14800	10.1	75.1	73.7	119	278
6"	290	11.8							
1'	80	8	<50	<50	0.061	0.085	<0.05	<0.15	<0.3
1.5'	48	12.1	<50	<50	<0.05	<0.05	<0.05	<0.15	<0.3






Point 3	Cl-	PID	GRO	DRO	B	T	E	X	BTEX
Surface	80	461.2	699	3710	1.99	22.3	27.8	48.1	100
6"	1639	55.8							
1'	288	15	<10	<10	<0.05	<0.05	<0.05	<0.15	<0.3

Point 4	Cl-	PID	GRO	DRO	B	T	E	X	BTEX
Surface	160	1079	16000	33500	78.6	580	454	695	1810
6"	119	665.3							
1'	147	315.8							
1.5'	<16	152.7	<10	60.9	<0.05	0.091	0.162	0.309	0.562
2'	<16	80.3	<10	35.6	<0.05	<0.05	0.053	<0.15	<0.3

Landowner: BLM
DGW: 78 ft

Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Legend

-  ELECTRIC POLE
-  SAMPLE POINT
-  PAD OR ROAD EDGE
-  BATTERY
-  STAIN (3,031 sq ft)

CONOCOPHILLIPS SEMU DTB BATTERY

UL I SECTION 15
T-20-S R-37-E
LEA COUNTY, NM

Figure 1



0 25 50
Feet

GPS date: 11/26/13 CF
Drawing date: 7/16/14
Drafted by: L. Weinheimer, T. Grieco

Appendix A

Initial 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

HOBBS OCD

AUG 12 2014

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

RECEIVED

Form C-141
Revised August 8, 2011

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: ConocoPhillips	Contact: David May
Address: 1410 North West County road	Telephone No. 575-391-3106
Facility Name: SEMU DTB Battery	Facility Type: Tank Battery
Surface Owner: BLM	Mineral Owner BLM
API No. 300250611500	

LOCATION OF RELEASE

Unit Letter I	Section 15	Township 20S	Range 37E	Feet from the 1980	North/South Line South	Feet from the 660	East/West Line East	County LEA
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Latitude **32.5712292601113**

Longitude - **103.232910645658**

NATURE OF RELEASE

Type of Release: Spill	Volume of Release: 24 BBLS	Volume Recovered: 10 BBLS
Source of Release: 4X20 Heater Treater	Date and Hour of Occurrence 11/21/13 3:00 pm	Date and Hour of Discovery SAME
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos/Geoffrey Leking	
By Whom? David May	Date and Hour: 11/25/13 3:30 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.* MSO found the fire tube on a heater was leaking. MSO shut in and isolated wells and called for vacuum truck. Spill amount was 10 BPW & 14 BO with 10 BO recovered.		
Describe Area Affected and Cleanup Action Taken.* Spill amount was 10 BPW & 14 BO with 10 BO recovered. Spill area was 183 Ft X 81 Ft, all on caliche pad and will be remediated according to BLM requirements.		
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.		

OIL CONSERVATION DIVISION

Signature:		
Printed Name: David May	Approved by Environmental Specialist:	
Title: LEAD HSE	Approval Date: 8-12-14	Expiration Date: 10-14-14
E-mail Address: david.d.may@conocophillips.com	Conditions of Approval: Site Supervisor required Determine & submit area as per NMOCD guidelines.	Attached <input type="checkbox"/> 1RP-3233
Date: 11/22/13	Phone: 575-391-3106	

* Attach Additional Sheets If Necessary

**Submit final C-141 by
10-14-14.**

**03114 217817
N701422 453234
P701422 453406**

AUG 13 2014

Appendix B

Site Sampling Labs

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

December 06, 2013

KYLE NORMAN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: SEMU DTB BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 12/02/13 15:15.

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 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:

RICE ENVIRONMENTAL CONSULTING & SAFETY
KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received: 12/02/2013
Reported: 12/06/2013
Project Name: SEMU DTB BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/26/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: POINT 1 @ SURFACE (H302913-01)

BTEX 8021B		mg/kg		Analyzed By: CK				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.48	1.00	12/03/2013	ND	2.12	106	2.00	0.201	
Toluene*	30.8	1.00	12/03/2013	ND	2.11	105	2.00	0.713	
Ethylbenzene*	35.7	1.00	12/03/2013	ND	2.09	104	2.00	1.03	
Total Xylenes*	60.3	3.00	12/03/2013	ND	6.23	104	6.00	0.369	
Total BTEX	129	6.00	12/03/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 144 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	12/04/2013	ND	400	100	400	0.00	

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	1040	50.0	12/03/2013	ND	183	91.3	200	5.07	
DRO >C10-C28	3660	50.0	12/03/2013	ND	178	89.0	200	6.11	

Surrogate: 1-Chlorooctane 171 % 65.2-140

Surrogate: 1-Chlorooctadecane 155 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 RICE ENVIRONMENTAL CONSULTING & SAFETY
 KYLE NORMAN
 419 W. CAIN
 HOBBS NM, 88240
 Fax To: (575) 397-1471

 Received: 12/02/2013
 Reported: 12/06/2013
 Project Name: SEMU DTB BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 11/26/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: POINT 2 @ SURFACE (H302913-02)

BTEx 8021B		mg/kg		Analyzed By: CK				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	10.1	5.00	12/04/2013	ND	2.11	105	2.00	0.576	
Toluene*	75.1	5.00	12/04/2013	ND	2.11	106	2.00	1.07	
Ethylbenzene*	73.7	5.00	12/04/2013	ND	2.09	105	2.00	1.21	
Total Xylenes*	119	15.0	12/04/2013	ND	6.21	104	6.00	0.415	
Total BTEX	278	30.0	12/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/04/2013	ND	416	104	400	0.00	

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	3050	200	12/03/2013	ND	183	91.3	200	5.07	
DRO >C10-C28	14800	200	12/03/2013	ND	178	89.0	200	6.11	

Surrogate: 1-Chlorooctane 197 % 65.2-140

Surrogate: 1-Chlorooctadecane 298 % 63.6-154

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*=Accredited Analyte

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KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received: 12/02/2013
Reported: 12/06/2013
Project Name: SEMU DTB BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/26/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: POINT 3 @ SURFACE (H302913-03)

BTX 8021B		mg/kg		Analyzed By: CK				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.99	1.00	12/04/2013	ND	2.11	105	2.00	0.576	
Toluene*	22.3	1.00	12/04/2013	ND	2.11	106	2.00	1.07	
Ethylbenzene*	27.8	1.00	12/04/2013	ND	2.09	105	2.00	1.21	
Total Xylenes*	48.1	3.00	12/04/2013	ND	6.21	104	6.00	0.415	
Total BTX	100	6.00	12/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 150 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/04/2013	ND	416	104	400	0.00	

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	699	100	12/03/2013	ND	183	91.3	200	5.07	
DRO >C10-C28	3710	100	12/03/2013	ND	178	89.0	200	6.11	

Surrogate: 1-Chlorooctane 155 % 65.2-140

Surrogate: 1-Chlorooctadecane 159 % 63.6-154

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*=Accredited Analyte

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KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received: 12/02/2013
Reported: 12/06/2013
Project Name: SEMU DTB BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/26/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: POINT 4 @ SURFACE (H302913-04)

BTX 8021B		mg/kg		Analyzed By: CK				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	78.6	20.0	12/04/2013	ND	2.11	105	2.00	0.576	
Toluene*	580	20.0	12/04/2013	ND	2.11	106	2.00	1.07	
Ethylbenzene*	454	20.0	12/04/2013	ND	2.09	105	2.00	1.21	
Total Xylenes*	695	60.0	12/04/2013	ND	6.21	104	6.00	0.415	
Total BTX	1810	120	12/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	12/04/2013	ND	416	104	400	0.00	

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	16000	200	12/03/2013	ND	183	91.3	200	5.07	
DRO >C10-C28	33500	200	12/03/2013	ND	178	89.0	200	6.11	

Surrogate: 1-Chlorooctane 373 % 65.2-140

Surrogate: 1-Chlorooctadecane 291 % 63.6-154

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 Fax To: (575) 397-1471

 Received: 12/02/2013
 Reported: 12/06/2013
 Project Name: SEMU DTB BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 11/27/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: POINT 1 @ 1' (H302913-05)

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	12/04/2013	ND	2.11	105	2.00	0.576	
Toluene*	0.097	0.050	12/04/2013	ND	2.11	106	2.00	1.07	
Ethylbenzene*	0.094	0.050	12/04/2013	ND	2.09	105	2.00	1.21	
Total Xylenes*	<0.150	0.150	12/04/2013	ND	6.21	104	6.00	0.415	
Total BTEX	<0.300	0.300	12/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	12/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<200	200	12/03/2013	ND	183	91.3	200	5.07	
DRO >C10-C28	1320	200	12/03/2013	ND	178	89.0	200	6.11	

Surrogate: 1-Chlorooctane 73.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Fax To: (575) 397-1471

Received: 12/02/2013
Reported: 12/06/2013
Project Name: SEMU DTB BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/27/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: POINT 1 @ 1.5' (H302913-06)

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	12/04/2013	ND	2.11	105	2.00	0.576	
Toluene*	0.058	0.050	12/04/2013	ND	2.11	106	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/04/2013	ND	2.09	105	2.00	1.21	
Total Xylenes*	<0.150	0.150	12/04/2013	ND	6.21	104	6.00	0.415	
Total BTEx	<0.300	0.300	12/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<200	200	12/03/2013	ND	183	91.3	200	5.07	
DRO >C10-C28	1470	200	12/03/2013	ND	178	89.0	200	6.11	

Surrogate: 1-Chlorooctane 83.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 117 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received: 12/02/2013
Reported: 12/06/2013
Project Name: SEMU DTB BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/27/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: POINT 2 @ 1' (H302913-07)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.061	0.050	12/04/2013	ND	2.11	105	2.00	0.576	
Toluene*	0.085	0.050	12/04/2013	ND	2.11	106	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/04/2013	ND	2.09	105	2.00	1.21	
Total Xylenes*	<0.150	0.150	12/04/2013	ND	6.21	104	6.00	0.415	
Total BTX	<0.300	0.300	12/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	12/03/2013	ND	183	91.3	200	5.07	
DRO >C10-C28	<50.0	50.0	12/03/2013	ND	178	89.0	200	6.11	

Surrogate: 1-Chlorooctane 91.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 81.3 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received: 12/02/2013
Reported: 12/06/2013
Project Name: SEMU DTB BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/27/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: POINT 2 @ 1.5' (H302913-08)

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	12/04/2013	ND	2.11	105	2.00	0.576	
Toluene*	<0.050	0.050	12/04/2013	ND	2.11	106	2.00	1.07	
Ethylbenzene*	<0.050	0.050	12/04/2013	ND	2.09	105	2.00	1.21	
Total Xylenes*	<0.150	0.150	12/04/2013	ND	6.21	104	6.00	0.415	
Total BTEx	<0.300	0.300	12/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/04/2013	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	12/03/2013	ND	183	91.3	200	5.07	
DRO >C10-C28	<50.0	50.0	12/03/2013	ND	178	89.0	200	6.11	

Surrogate: 1-Chlorooctane 105 % 65.2-140

Surrogate: 1-Chlorooctadecane 106 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received: 12/02/2013
Reported: 12/06/2013
Project Name: SEMU DTB BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/27/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: POINT 3 @ 1' (H302913-09)

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	12/04/2013	ND	2.11	105	2.00	0.576		
Toluene*	<0.050	0.050	12/04/2013	ND	2.11	106	2.00	1.07		
Ethylbenzene*	<0.050	0.050	12/04/2013	ND	2.09	105	2.00	1.21		
Total Xylenes*	<0.150	0.150	12/04/2013	ND	6.21	104	6.00	0.415		
Total BTEx	<0.300	0.300	12/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	12/04/2013	ND	416	104	400	0.00		

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	12/03/2013	ND	183	91.3	200	5.07	
DRO >C10-C28	<10.0	10.0	12/03/2013	ND	178	89.0	200	6.11	

Surrogate: 1-Chlorooctane 95.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.7 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received: 12/02/2013
Reported: 12/06/2013
Project Name: SEMU DTB BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/27/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: POINT 4 @ 1.5' (H302913-10)

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	12/04/2013	ND	2.11	105	2.00	0.576	
Toluene*	0.091	0.050	12/04/2013	ND	2.11	106	2.00	1.07	
Ethylbenzene*	0.162	0.050	12/04/2013	ND	2.09	105	2.00	1.21	
Total Xylenes*	0.309	0.150	12/04/2013	ND	6.21	104	6.00	0.415	
Total BTEX	0.562	0.300	12/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/04/2013	ND	416	104	400	0.00		

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	12/03/2013	ND	183	91.3	200	5.07	
DRO >C10-C28	60.9	10.0	12/03/2013	ND	178	89.0	200	6.11	

Surrogate: 1-Chlorooctane 90.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 82.0 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

RICE ENVIRONMENTAL CONSULTING & SAFETY
KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received: 12/02/2013
Reported: 12/06/2013
Project Name: SEMU DTB BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 11/27/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: POINT 4 @ 2' (H302913-11)

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	12/04/2013	ND	2.11	105	2.00	0.576	
Toluene*	<0.050	0.050	12/04/2013	ND	2.11	106	2.00	1.07	
Ethylbenzene*	0.053	0.050	12/04/2013	ND	2.09	105	2.00	1.21	
Total Xylenes*	<0.150	0.150	12/04/2013	ND	6.21	104	6.00	0.415	
Total BTEX	<0.300	0.300	12/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/04/2013	ND	416	104	400	0.00		

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	12/03/2013	ND	183	91.3	200	5.07	
DRO >C10-C28	35.6	10.0	12/03/2013	ND	178	89.0	200	6.11	

Surrogate: 1-Chlorooctane 98.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.5 % 63.6-154

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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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603

(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 14 of 15

Company Name: RECS				BILL TO				ANALYSIS REQUEST											
Project Manager: Kyle Norman				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chlorides</div> <div>TPH 8015 M</div> <div>BTEX</div> <div>Texas TPH</div> <div>Complete Cations/Anions</div> <div>TDS</div> </div>											
Address:				Company:															
City: Hobbs State: NM Zip: 88240				Attn:															
Phone #: Fax #:				Address:															
Project #: Project Owner:				City:															
Project Name: Conoco Phillips				State: Zip:															
Project Location: SEMU DTB Battery				Phone #:															
Sampler Name: Chris Flores				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME					
H302913																			
1	Point 1 @ Surface	G	1			✓				✓			11-26-13	1:30 PM	X	X	X		
2	Point 2 @ surface	G	1			✓				✓			11-26-13	1:35 PM	X	X	X		
3	Point 3 @ surface	G	1			✓				✓			11-26-13	1:40 PM	X	X	X		
4	Point 4 @ surface	G	1			✓				✓			11-26-13	1:45 PM	X	X	X		
5	Point 1 @ 1'	G	1			✓				✓			11-27-13	9:05 AM	X	X	X		
6	Point 1 @ 1.5'	G	1			✓				✓			11-27-13	9:10 AM	X	X	X		
7	Point 2 @ 1'	G	1			✓				✓			11-27-13	9:45 AM	X	X	X		
8	Point 2 @ 1.5'	G	1			✓				✓			11-27-13	9:50 AM	X	X	X		
9	Point 3 @ 1'	G	1			✓				✓			11-27-13	10:05 AM	X	X	X		
10	Point 4 @ 1.5'	G	1			✓				✓			11-27-13	11:20 AM	X	X	X		

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Relinquished By:	Date: 12-2-13	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Chris Flores	Time: 3:15	Jodi Benson	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email results	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:	Knorman@ hcnoder@	
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)	lflores@	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		lwainheimer@	
			cflores@	

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

#54



~~(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020~~

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: <i>Chris Flores</i>	Date: <i>12-2-13</i> Time: <i>3:15</i>	Received By: <i>Jodi Benson</i>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>[Signature]</i> (Initials)	REMARKS: email results Knorman @ iflores @ lweinheimer @ hconder @ cflores @

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

#54



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

July 16, 2014

KYLE NORMAN

RICE ENVIRONMENTAL CONSULTING & SAFETY LLC

419 W. CAIN

HOBBS, NM 88240

RE: SEMU DTB BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 07/11/14 15:55.

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:

RICE ENVIRONMENTAL CONSULTING & SAFETY
KYLE NORMAN
419 W. CAIN
HOBBS NM, 88240
Fax To: (575) 397-1471

Received: 07/11/2014
Reported: 07/16/2014
Project Name: SEMU DTB BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 07/11/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: IMPORTED BACKFILL (H402117-01)**Chloride, SM4500Cl-B****mg/kg****Analyzed By: AP**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/16/2014	ND	416	104	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

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

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished By:	Date: 1-11-2014	Received By: Jodi Benson	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
	Time: 3:55		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		email: hconder@riceswd.com; lflores@rice-ecs.com;	
Delivered By: (Circle One)		Sample Condition	lweinheimer@rice-ecs.com; knorman@rice-ecs.com;	
Sampler - UPS - Bus - Other:		Cool Intact	jkamplain@rice-ecs.com; sedwards@rice-ecs.com;	
		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes	cursanic@rice-ecs.com	
		<input type="checkbox"/> No <input type="checkbox"/> No	Environmental Tech: @rice-ecs.com	
		CHECKED BY: [Signature]		

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

Appendix C

Photo Documentation

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

ConocoPhillips SEMU DTB Battery

Unit Letter I, Section 15, T20S, R37E



Initial release area, facing east

11/26/13



Initial release area, facing southwest

11/26/13



Initial release area, facing west

11/26/13



Initial release area, facing northwest

12/26/13



Initial release area, facing north

11/26/13



Sample the surface of release, facing west

11/26/13



Hand auguring for depth, facing northwest

11/27/13



Plugging augur point in total with bentonite, facing west

11/27/13



Scraping release by hand, facing southeast 6/30/14



Scraping release by hand, facing east 7/1/14



Scrape completed, facing north 7/7/14



Scrape completed, facing north 7/7/14



Scrape completed, facing west

7/7/14



Importing clay, facing southwest

7/11/14



Backfilling site with clay, facing south

7/11/14



Backfilling site with clay, facing southwest

7/11/14



Importing caliche, facing southwest 7/11/14



Backfilling the site with caliche, facing west 7/14/14



Backfilling the site with caliche, facing south 7/14/14



Site completed, facing north 7/14/14



Site completed, facing south

7/14/14



Site completed, facing south

7/14/14

Appendix D

Final C-141

RICE Environmental Consulting and Safety (RECS)
P.O. Box 2948 Hobbs, NM 88241
Phone 575.393.2967

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: ConocoPhillips	Contact: Dennis Ross
Address: 1410 North West County Road	Telephone No. 575-390-3424
Facility Name: SEMU DTB Battery	Facility Type: Tank Battery

Surface Owner: BLM	Mineral Owner BLM	API No. 300250611500
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LOCATION OF RELEASE

Unit Letter I	Section 15	Township 20S	Range 37E	Feet from the 1980	North/South Line South	Feet from the 660	East/West Line East	County Lea
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Latitude **32.5712292601113**

Longitude - **103.232910645658**

NATURE OF RELEASE

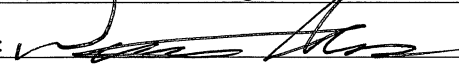
Type of Release: Spill	Volume of Release: 24 BBLS	Volume Recovered: 10 BBLS
Source of Release: 4X20 Heater Treater	Date and Hour of Occurrence 11/21/13 3:00 pm	Date and Hour of Discovery SAME
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos/Geoffrey Leking	
By Whom? David May	Date and Hour: 11/25/13 3:30 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.* ☐ MSO found the fire tube on a heater was leaking. MSO shut in and isolated wells and called for vacuum truck. Spill amount was 10 BPW & 14 BO with 10 BO recovered.

Describe Area Affected and Cleanup Action Taken.* The release covered 3,031 square feet of battery lease pad. RECS personnel were on site beginning on November 26th, 2013 to assess the release. Soil samples were taken at the surface and at depth at four points within the release. Representative samples were taken to a commercial laboratory for analysis. Chloride values throughout the release were relatively low, except at the surface and 6 inches bgs at Point 1 and at 6 inches bgs at Point 3. GRO and DRO values achieved levels below regulatory standards between 1 foot bgs and 1.5 feet bgs at all points except at Point 1. At Point 1, GRO readings returned values of non-detect beginning at 1 foot bgs, and DRO values were elevated throughout. BTEX readings achieved values below regulatory standards between 1 foot bgs and 2 foot bgs for each point. A CAP was submitted to NMOCD and BLM on February 17th, 2014. NMOCD verbally approved the CAP on January 3rd, 2014 prior to formal submission of the documentation. BLM approved the CAP on February 19th, 2014 with the stipulation that the area within the tank battery firewall will need to be remediated to below regulatory standards upon final abandonment. On January 3rd, 2014, NMOCD requested clean clay and caliche be imported to the site to serve as backfill. The bottom of the scrape needed to be backfilled with 4 inches of clay covered by 4 inches of caliche, and then the site contoured to the surrounding location. Corrective actions began at the site on June 30th, 2014. The release area was scraped down 6 inches bgs to 1 foot bgs by hand. All excavated soil, for a total of 45 cubic yards, was taken to a NMOCD approved facility for disposal. Once the scrape was completed, a request to backfill the site was sent on July 8th, 2014 to NMOCD and BLM. NMOCD and BLM approved the site to be backfilled on the same day. A total of 20 cubic yards of clay and 45 cubic yards of caliche were imported to the site to serve as backfill. Four inches of clay was backfilled into the scrape and then covered by the imported caliche. A sample of the imported caliche was taken to a commercial laboratory for analysis and returned a chloride result of 64 mg/kg. The backfilled caliche was contoured by hand to the surrounding location.

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: Dennis Ross	Approved by Environmental Specialist:		
Title: operation Supervisor	Approval Date:	Expiration Date:	
E-mail Address: Dennis.E.Ross@cop.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 11-18-14	Phone: 575-390-3424		

* Attach Additional Sheets If Necessary