

ENVIRONMENTAL PLUS, INC.

2100 AVE 'O'
P.O. BOX 1558
EUNICE, NM 88231
ddominguezepi@gmail.com
Office: (575)394-3481
Fax: (575)394-2601



CLOSURE REPORT

**BOPCO, L.P.
PLU #411H
Eddy County, New Mexico
Unit Letter "B", Section 28, Township 24 South, Range 31 East
Latitude 32.192796 North, Longitude 103.780195 West
NMOCD Reference #2RP-3107**

Prepared For:

**BOPCO, L.P.
522 W. Mermod, Suite 704
Carlsbad, New Mexico 88220**

Prepared By:

**Environmental Plus, Inc.
2100 Ave 'O'
Eunice, NM 88231**

March 2016

**Daniel Dominguez
Project Manager**



18 March 2016

Mr. Mike Bratcher
Environmental Specialist
NMOCD
811 S. First St.
Artesia, New Mexico 88210

RE: Final Closure Report
Bopco, L.P. – PLU #411H
UL-B, Section 28, Township 24 South, Range 31 East
Eddy County, New Mexico
NMOCD Reference #2RP 3107

Mr. Bratcher:

The following *Final Closure Report* serves as a condensed update on closure activities for the above referenced Site.

Background Information:

Release of oil and produced water occurred at the FWKO due to a failed sight glass. Affected well pad around production equipment, all fluid was contained within earth berm. A vacuum truck was called to the location and was able to recover 1 barrel of oil.

Remediation Activities:

EPI personnel mobilized on the site on July 14, 2015 to collect soil samples to determine the vertical extent of contamination. A total of ten (10) soil samples were collected from three (3) sample locations; SP1 – SP3. Seven (7) representative samples were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate that below surface level, the release area is void of Benzene, BTEX, TPH, and Chloride concentrations in excess of NMOCD Recommended Remedial Action Levels (RRALs) of 10 mg/Kg, 50 mg/Kg, 5,000 mg/Kg, and 1,000 mg/Kg, respectively (reference *Figure 3* and *Table 2*).

The release area was surface scraped approximately three (3) – four (4) inches deep. Approximately 28 yards of contaminated soil was excavated and hauled to a state approved facility for disposal.

Closure Activities:

Based on laboratory analytical data and NMOCD approval, the excavation was backfilled with approximately 28 yards of clean soil. The entire disturbed area was then contoured to blend with existing pad area and protected against wind/water erosion.



Should you have any questions or concerns please feel free to contact me at (575) 394-3481 or via e-mail at ddominguezepi@gmail.com or Mr. Brad Blevins at (432) 214-3704 or via e-mail at bblevins@basspet.com. All official communication should be addressed to:

Mr. Brad Blevins
Bopco, L.P.
522 W. Mermond, Suite 704
Carlsbad, NM 88220

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

cc: Brad Blevins, EHS Asst. Remediation Foreman – Bopco, L.P.
File

Encl.: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Site/Sample Map
Table 1 – Well Data
Table 2 – Summary of Soil Sample Field Testing and Laboratory Analytical Results
Attachment I – Photographs
Attachment III – Laboratory Analytical Results
Attachment IV – Copy of Initial NMOCD Form C-141, Final C-141

FIGURES

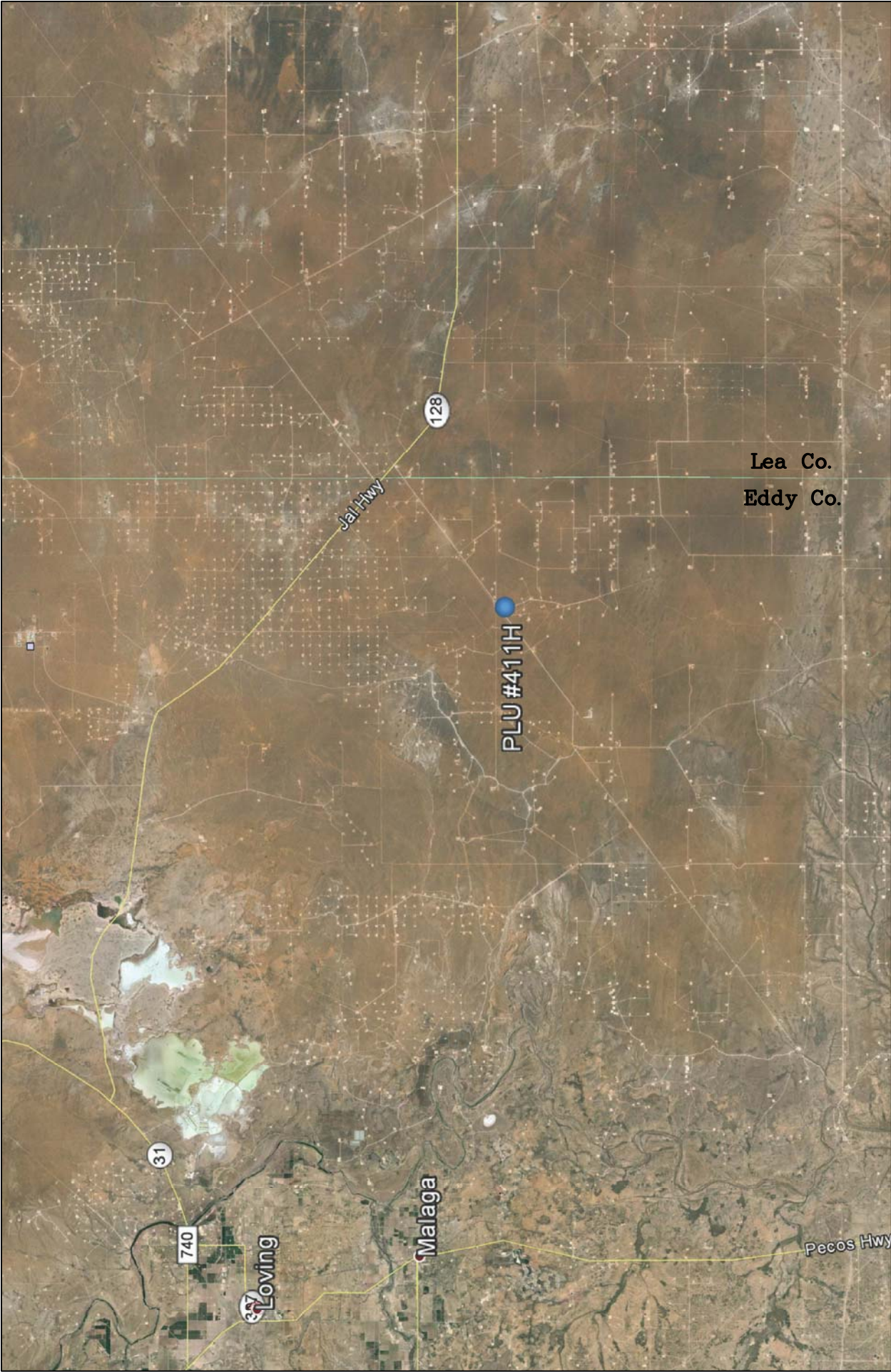


Figure 1 Area Map Bopco, L.P. PLU #411H	Eddy County, New Mexico NW 1/4 of NE 1/4, Sec. 28, T24S, R31E N 32° 11' 34.08" W 103° 46' 48.68" Elevation: 3,510 feet amsl		DWG By: D Dominguez March 2016	REVISED:	
			0 3 6 Miles	SHEET 1 of 1	

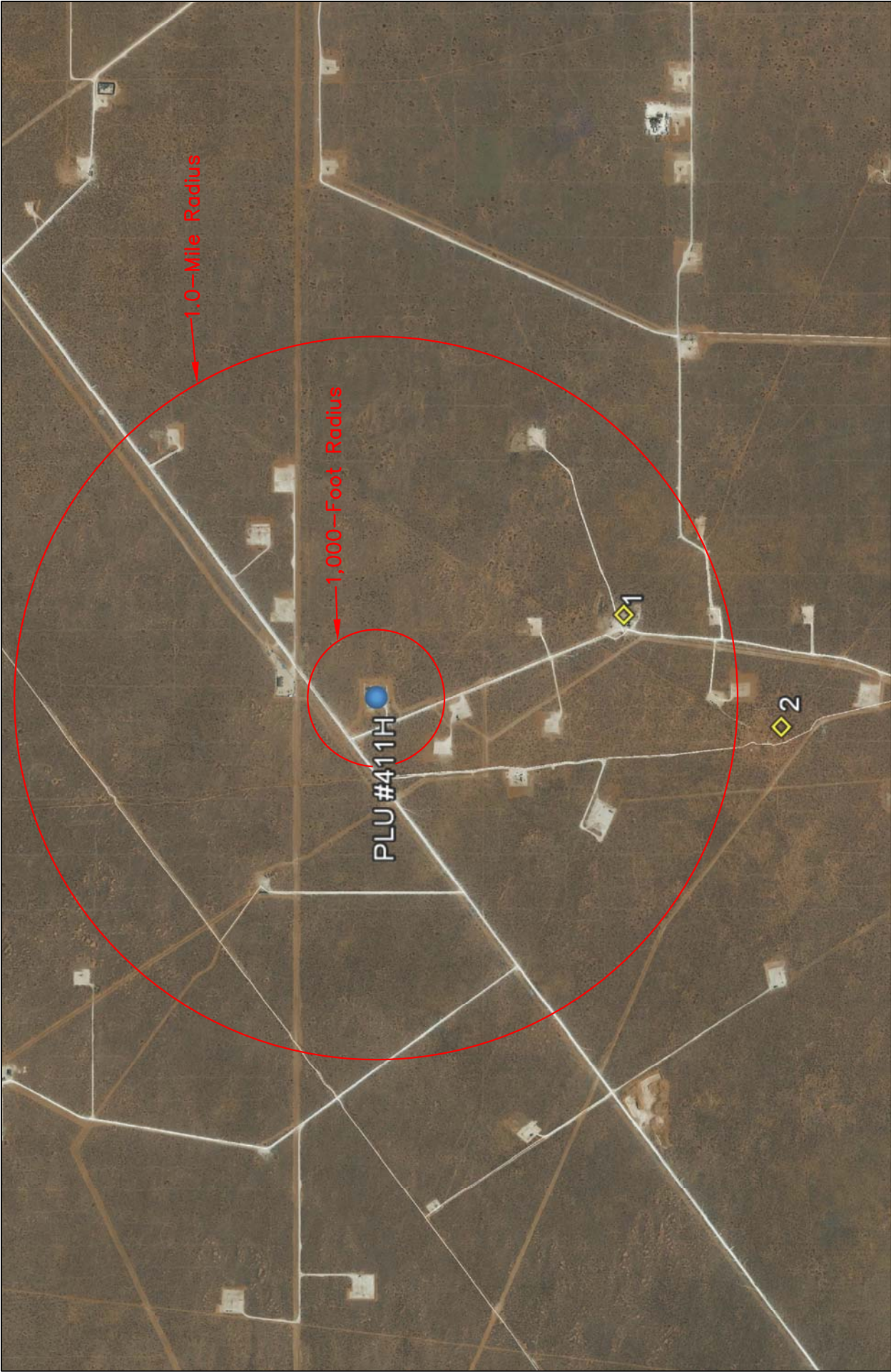

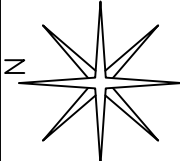


Figure 2 Site Location Map Bopco, L.P. PLU #411H	Eddy County, New Mexico NW 1/4 of NE 1/4, Sec. 28, T24S, R31E N 32° 11' 34.08" W 103° 46' 48.68" Elevation: 3,510 feet amsl	DWG By: D Dominguez March 2016		REVISED:		
		0 2,000 4,000		SHEET		
		 Feet		4,000		1 of 1



		<p>Eddy County, New Mexico NW 1/4 of NE 1/4, Sec. 28, T24S, R31E N 32° 11' 34.08" W 103° 46' 48.68" Elevation: 3,510 feet amsl</p>		<p>DWG By: D Dominguez March 2016</p>		<p>REVISED:</p>		
<p>Figure 3 Site/Sample Map Bopco, L.P. PLU #411H</p>				<p>0 40 80 Feet</p>		<p>SHEET 1 of 1</p>		

TABLES

TABLE 1

Well Data

Bopco, L.P. - PLU #411H

Ref #	Well Number	Use	Diversion ^A	Owner	q64	q16	q4	Sec	Twsp	Rng	Easting	Northing	Distance ^B	Date Measured	Surface Elevation ^C	Depth to Water (ft bgs)
1	C 02020	STK	3	BUREAU OF LAND MANAGEMENT		4	4	28	24S	31E	615360	3561356	1,166	--	3,480	--
2	C 02959	STK	3	RICHARDSON CATTLE COMPANY	1	3	2	33	24S	31E	614866	3560646	1,816	--	3,466	--

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/IWATERS/wr_RegisServlet1) and USGS Database

^A = In acre feet per annum

^B = In meters

^C = Elevation interpolated from USGS topographical map based on referenced location.

STK = 72-12-1 Livestock watering

-- = Data not provided on the NM iwaters website

quarters are 1=NW, 2=NE, 3=SW, 4=SE; quarters are smallest to biggest

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Bopco L.P.
PLU #411H

Lab Sample ID	Depth (feet)	Soil Status	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	EXT DRO C28-C35 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
SP1	Surface	Excavated	14-Jul-15	370	3,400	<0.050	<0.050	0.246	1.36	1.61	131	4,790	1,030	5,951	3,120
	1	In Situ	14-Jul-15	15.4	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	2	In Situ	14-Jul-15	12.1	160	--	--	--	--	--	--	--	--	--	--
SP2	Surface	Excavated	14-Jul-15	99.4	2,880	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	3,850	763	4,613	3,360
	1	In Situ	14-Jul-15	20.6	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	2	In Situ	14-Jul-15	10.8	240	--	--	--	--	--	--	--	--	--	--
SP3	Surface	Excavated	14-Jul-15	1,385	2,000	<0.050	5.95	7.72	33.2	46.9	1,450	9,910	1,690	13,050	1,840
	1	In Situ	14-Jul-15	140	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	361	169	530	<16.0
	2	In Situ	14-Jul-15	25.6	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	3	In Situ	14-Jul-15	12.1	160	--	--	--	--	--	--	--	--	--	--
NMOCD Recommended Remedial Action Levels				100		10				50				5,000	1,000

-- = Not Analyzed

Bold values are in excess of NMOCD Recommended Remedial Action Levels

Shaded values indicates soil has been excavated

ATTACHMENTS

ATTACHMENT I
Photographs



Photograph #1 – Northern view across release area



Photograph #2 – Southern view across release area



Photograph #3 – Surface scraped



Photograph #4 – Surface scraped



Photograph #5 – Backfilled



Photograph #6 – Backfilled

ATTACHMENT II
Laboratory Analytical Results

July 21, 2015

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: PLU #411H

Enclosed are the results of analyses for samples received by the laboratory on 07/15/15 15:32.

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:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 07/15/2015
Reported: 07/21/2015
Project Name: PLU #411H
Project Number: NONE GIVEN
Project Location: UL-B SEC. 28, T24S ,R31E

Sampling Date: 07/14/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP1 (SURFACE) (H501816-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2015	ND	2.04	102	2.00	2.59	
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16	
Ethylbenzene*	0.246	0.050	07/20/2015	ND	2.25	113	2.00	3.74	
Total Xylenes*	1.36	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95	
Total BTX	1.61	0.300	07/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	07/20/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	131	50.0	07/17/2015	ND	183	91.3	200	5.04	
DRO >C10-C28	4790	50.0	07/17/2015	ND	189	94.6	200	7.58	
EXT DRO >C28-C35	1030	50.0	07/17/2015	ND					

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 07/15/2015
Reported: 07/21/2015
Project Name: PLU #411H
Project Number: NONE GIVEN
Project Location: UL-B SEC. 28, T24S ,R31E

Sampling Date: 07/14/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP1 (1') (H501816-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2015	ND	2.04	102	2.00	2.59	
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16	
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.25	113	2.00	3.74	
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95	
Total BTEX	<0.300	0.300	07/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 85.6-137

Chloride, SM4500CI-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	07/20/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/17/2015	ND	183	91.3	200	5.04	
DRO >C10-C28	<10.0	10.0	07/17/2015	ND	189	94.6	200	7.58	
EXT DRO >C28-C35	<10.0	10.0	07/17/2015	ND					

Surrogate: 1-Chlorooctane 75.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 65.5 % 52.1-176

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Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 07/15/2015
Reported: 07/21/2015
Project Name: PLU #411H
Project Number: NONE GIVEN
Project Location: UL-B SEC. 28, T24S ,R31E

Sampling Date: 07/14/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP2 (SURFACE) (H501816-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2015	ND	2.04	102	2.00	2.59	
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16	
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.25	113	2.00	3.74	
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95	
Total BTX	<0.300	0.300	07/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/20/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	07/17/2015	ND	183	91.3	200	5.04	
DRO >C10-C28	3850	50.0	07/17/2015	ND	189	94.6	200	7.58	
EXT DRO >C28-C35	763	50.0	07/17/2015	ND					

Surrogate: 1-Chlorooctane 86.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 125 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

 Received: 07/15/2015
 Reported: 07/21/2015
 Project Name: PLU #411H
 Project Number: NONE GIVEN
 Project Location: UL-B SEC. 28, T24S ,R31E

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SP2 (1') (H501816-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2015	ND	2.04	102	2.00	2.59	
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16	
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.25	113	2.00	3.74	
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95	
Total BTEx	<0.300	0.300	07/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 85.6-137

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	07/20/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/17/2015	ND	183	91.3	200	5.04	
DRO >C10-C28	<10.0	10.0	07/17/2015	ND	189	94.6	200	7.58	
EXT DRO >C28-C35	<10.0	10.0	07/17/2015	ND					

Surrogate: 1-Chlorooctane 79.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 86.4 % 52.1-176

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 Fax To: (505) 394-2601

 Received: 07/15/2015
 Reported: 07/21/2015
 Project Name: PLU #411H
 Project Number: NONE GIVEN
 Project Location: UL-B SEC. 28, T24S ,R31E

 Sampling Date: 07/14/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SP3 (SURFACE) (H501816-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	07/20/2015	ND	2.04	102	2.00	2.59	
Toluene*	5.95	1.00	07/20/2015	ND	2.06	103	2.00	4.16	
Ethylbenzene*	7.72	1.00	07/20/2015	ND	2.25	113	2.00	3.74	
Total Xylenes*	33.2	3.00	07/20/2015	ND	5.91	98.4	6.00	3.95	
Total BTEX	46.9	6.00	07/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	07/20/2015	ND	432	108	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					
				S-06					

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1450	50.0	07/17/2015	ND	183	91.3	200	5.04	
DRO >C10-C28	9910	50.0	07/17/2015	ND	189	94.6	200	7.58	
EXT DRO >C28-C35	1690	50.0	07/17/2015	ND					

Surrogate: 1-Chlorooctane 179 % 47.2-157

Surrogate: 1-Chlorooctadecane 150 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 07/15/2015
Reported: 07/21/2015
Project Name: PLU #411H
Project Number: NONE GIVEN
Project Location: UL-B SEC. 28, T24S ,R31E

Sampling Date: 07/14/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP3 (1') (H501816-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/20/2015	ND	2.04	102	2.00	2.59		
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16		
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.25	113	2.00	3.74		
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95		
Total BTEX	<0.300	0.300	07/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 85.6-137

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	07/20/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/18/2015	ND	183	91.3	200	5.04	
DRO >C10-C28	361	10.0	07/18/2015	ND	189	94.6	200	7.58	
EXT DRO >C28-C35	169	10.0	07/18/2015	ND					

Surrogate: 1-Chlorooctane 84.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 85.7 % 52.1-176

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.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

Environmental Plus, Inc.
Daniel Dominguez
P.O. Box 1558
Eunice NM, 88231
Fax To: (505) 394-2601

Received: 07/15/2015
Reported: 07/21/2015
Project Name: PLU #411H
Project Number: NONE GIVEN
Project Location: UL-B SEC. 28, T24S ,R31E

Sampling Date: 07/14/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP3 (2') (H501816-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/20/2015	ND	2.04	102	2.00	2.59	
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16	
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.25	113	2.00	3.74	
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95	
Total BTX	<0.300	0.300	07/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

Chloride, SM4500CI-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	07/20/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/18/2015	ND	183	91.3	200	5.04	
DRO >C10-C28	<10.0	10.0	07/18/2015	ND	189	94.6	200	7.58	
EXT DRO >C28-C35	<10.0	10.0	07/18/2015	ND					

Surrogate: 1-Chlorooctane 83.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 90.8 % 52.1-176

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.



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.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
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



Celey D. Keene, Lab Director/Quality Manager

Chain of Custody Form

Cardinal
IAB

ANALYSIS REQUEST

Page 1 of 1

[illegible]

ATTACHMENT III
Copy of Initial NMOCD Form C-141
Final C-141

1023 N. FRENCH DR., FLOOBS, NM 86240
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

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

NAB 1519640448		OPERATOR		<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Name of Company: BOPCO, L.P.		Contact: Bradley Blevins			
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220		Telephone No. 575-887-7329			
Facility Name: Poker Lake Unit 411H		Facility Type: Exploration and Production			
Surface Owner: Federal		Mineral Owner:		API No. 3001539930	

LOCATION OF RELEASE

Unit Letter B	Section 28	Township 24S	Range 31E	Feet from the 1000	North/South Line	Feet from the 1850	East/West Line	County Eddy
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Latitude: 32.192796 Longitude: 103.780195

NATURE OF RELEASE

Type of Release: Crude oil, Produced water	Volume of Release: 3 barrels oil, 11 barrels produced water	Volume Recovered: 1 barrel oil, 0 produced water recovered
Source of Release: Sight glass failure	Date and Hour of Occurrence: July 2, 2015 @ 6:00pm	Date and Hour of Discovery: July 2, 2015 @ 6:28pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

NM OIL CONSERVATION

If a Watercourse was Impacted, Describe Fully.*

ARTESIA DISTRICT

JUL 10 2015

Describe Cause of Problem and Remedial Action Taken.*

Release of oil and produced water occurred at the FWKO due to a failed sight glass. Affected well pad around production equipment, all fluid was contained within earth berm.

RECEIVED

Describe Area Affected and Cleanup Action Taken.*

A vacuum truck was called to the location and was able to recover 1 barrel of oil.

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: Bradley Blevins

Printed Name: Bradley Blevins

Signed By: Philip Blevins
Approved by Environmental Specialist

Title: Assistant Remediation Foreman

Approval Date: 7/14/15

Expiration Date: NIA

E-mail Address: bblevins@basspet.com

Conditions of Approval:

Remediation per O.C.D. Rules & Guidelines
SUBMIT REMEDIATION PROPOSAL NO

Attached ☐

Date: 7-10-15 Phone: 432-214-3704

LATER THAN: 7/14/15

* Attach Additional Sheets If Necessary

2RP-3107

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: BOPCO, L.P.	Contact: Bradley Blevins
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 575-887-7329
Facility Name: PLU #411H; 2RP #3107	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner:	API No. 30-015-39930
------------------------	----------------	----------------------

LOCATION OF RELEASE

Unit Letter B	Section 28	Township 24S	Range 31E	Feet from the 1000	North/South Line North	Feet from the 1850	East/West Line East	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	-----------------------	------------------------	----------------

Latitude: N 32.192796° Longitude: W 103.780195°

NATURE OF RELEASE

Type of Release: produced water/crude oil	Volume of Release: 3 bbls oil and 11 bbls PW	Volume Recovered: 1 bbls oil and 0 bbls PW
Source of Release: failed sight glass	Date and Hour of Occurrence: 7/2/15 @ 6:00 pm	Date and Hour of Discovery: 7/2/15 @ 6:28 pm
Was Immediate Notice Given? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: Not Applicable	

If a Watercourse was Impacted, Describe Fully.* Not Applicable

Describe Cause of Problem and Remedial Action Taken.*

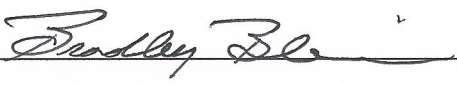
Release of oil and produced water occurred at the FWKO due to a failed sight glass. Affected well pad around production equipment, all fluid was contained within earth berm.

Describe Area Affected and Cleanup Action Taken.*

A vacuum truck was called to the location and was able to recover 1 barrel of oil. Contaminated soil was excavated and hauled to a state approved disposal facility and samples were collected. Based on laboratory analytical data and NMOCD approval the excavation has been backfilled with clean soil.

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: 	Approved by Environmental Specialist:		
Printed Name: Bradley Blevins			
Title: Assistant Remediation Foreman	Approval Date:	Expiration Date:	
E-mail Address: bblevins@basspet.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <u>3-18-16</u> Phone: 432-214-3704			

* Attach Additional Sheets If Necessary