

# ***ENVIRONMENTAL PLUS INC***

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PO BOX 1558  
EUNICE, NM 88231  
[ddominguezepi@gmail.com](mailto:ddominguezepi@gmail.com)  
Office: (575)394-3481 Fax: (575)394-2601



## **CLOSURE REPORT**

**BOPCO, LP  
POKER LAKE UNIT #227  
Eddy County, New Mexico  
Unit Letter "P", Section 30, Township 24 South, Range 30 East  
Latitude 32.181934 North, Longitude 103.913878 West  
NMOCD Reference #2RP-2373**

Prepared For:

BOPCO, LP  
522 W. Mermod, Suite 704  
Carlsbad, New Mexico 88220

Prepared By:

Environmental Plus Inc.  
2100 Ave O  
Eunice, NM 88231

**September 2014**

A handwritten signature in black ink, appearing to read 'Daniel Dominguez', written over a horizontal line.

Daniel Dominguez  
Project Manager



1 September 2014

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

RE: Final Closure Report  
Bopco – Poker Lake Unit #227  
UL-P, Section 30, Township 24 South, Range 30 East  
Eddy County, New Mexico  
NMOCD Reference # 2RP 2373

Mr. Bratcher:

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

**Background Information:**

Livestock damaged a ¼” fitting off one of the process separators. The fitting was replaced and a fence was installed around the process equipment. The spill impacted approximately 350 sq. ft. of caliche pad.

**Remediation Activities:**

EPI Personnel mobilized to the jobsite on July 21, 2014 to collect soil samples and determine the vertical extents of contamination. A total of six (6) soil samples were collected and sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate the excavation in general 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, at a depth of approximately one (1) foot bgs.

Excavation activities occurred on August 2, 2014 with approximately 80 cubic yards of contaminated material excavated and transported to Lea Land for disposal. The release area was excavated approximately six (6) inches bgs in order to remove the majority of contamination from the soil.

**Closure Activities:**

The excavated area was backfilled with approximately 80 cubic yards of caliche and brought to grade 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](mailto:ddominguezepi@gmail.com) or Mr. Brad Blevins at (432) 214-3704 or via e-mail at [bblevins@basspet.com](mailto: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,

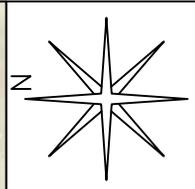
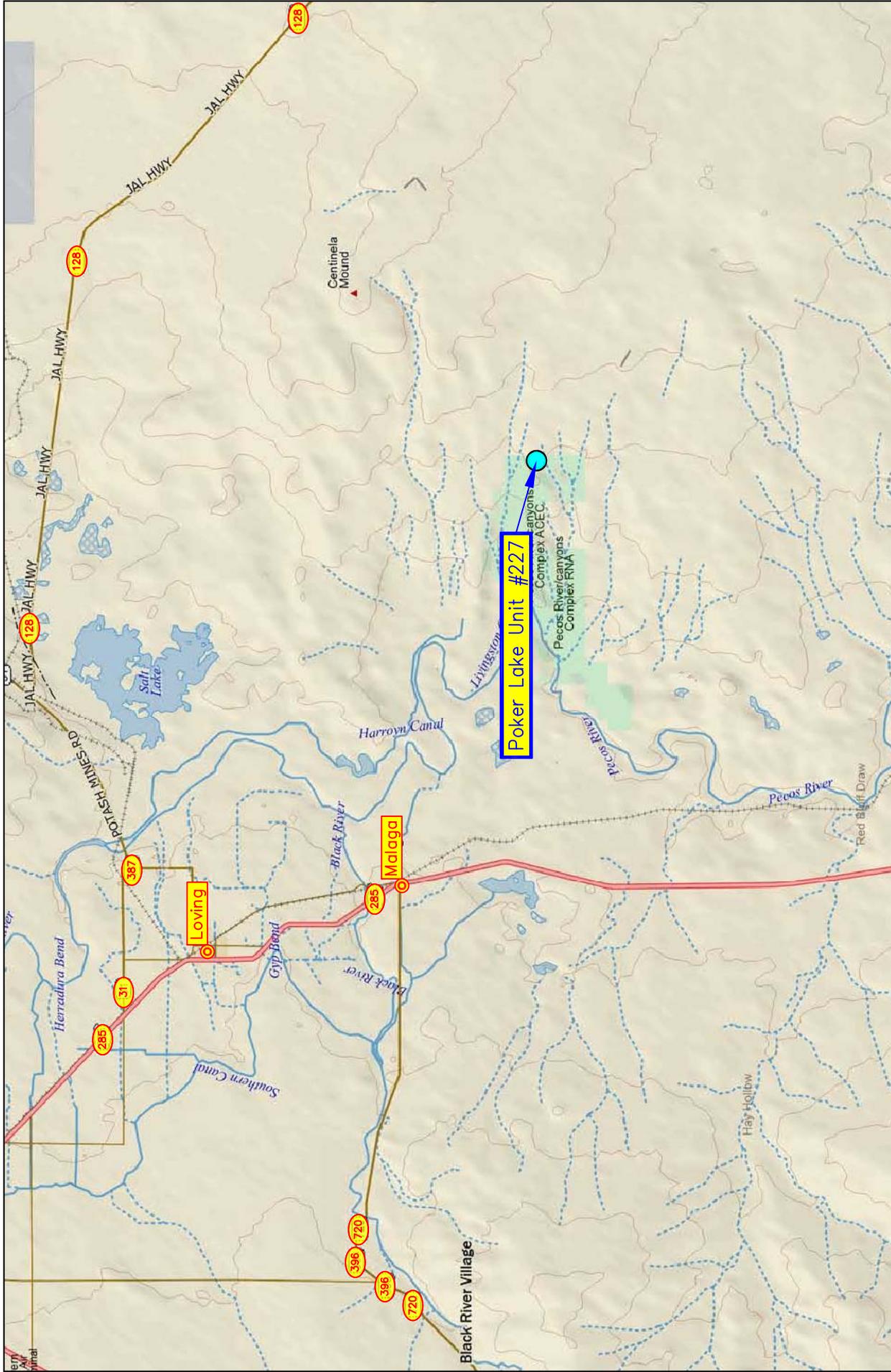
ENVIRONMENTAL PLUS, INC.

Daniel Dominguez  
Environmental Consultant

cc: Brad Blevins, EHS Asst. Remediation Foreman – Bopco, L.P.  
Tony Savoie, Remediation Foreman – Bopco, L.P. 1(432)556-8730  
File

Encl.: Figure 1 – Area Map  
Figure 2 – Site Location Map  
Figure 3 – Site Map  
Figure 4 – Sample Map 7/21/14  
Table 1 – Well Data  
Table 2 – Summary of Soil Sample Laboratory Analytical Results  
Attachment I – Photographs  
Attachment II – Laboratory Analytical Results  
Attachment III – Copy of Initial NMOCD Form C-141, Final C-141

## **FIGURES**



REVISED:

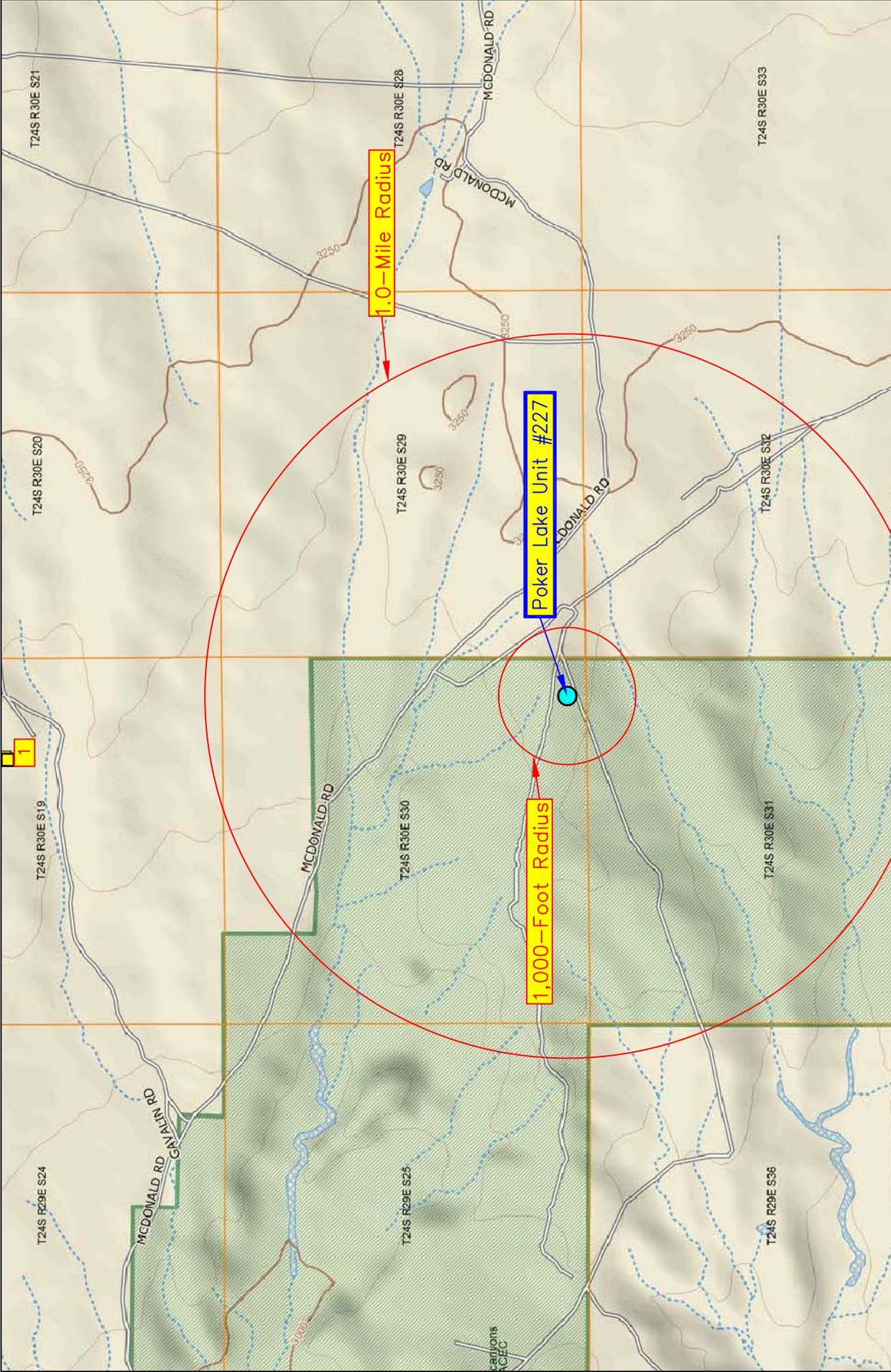
DWG By: D Dominguez  
August 2014

0 3 6  
Miles

SHEET  
1 of 1

Eddy County, New Mexico  
SE 1/4 of SE 1/4, Sec. 30, T24S, R30E  
N 32° 10' 54.54" W 103° 54' 48.20"  
Elevation: 3,219 feet amsl

Figure 1  
Area Map  
Bopco, L.P.  
Poker Lake Unit #227



REVISED:

DWG By: D Dominguez  
August 2014

0 2,000 4,000 SHEET  
1 of 1

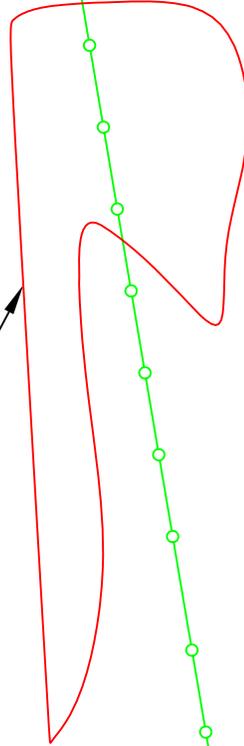
Feet

Eddy County, New Mexico  
SE 1/4 of SE 1/4, Sec. 30, T24S, R30E  
N 32° 10' 54.54" W 103° 54' 48.20"  
Elevation: 3,219 feet amsl

Figure 2  
Site Location Map  
Bopco, L.P.  
Poker Lake Unit #227

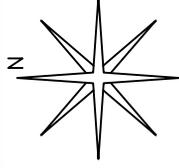


Release Area  
(~900-square feet)



Fence

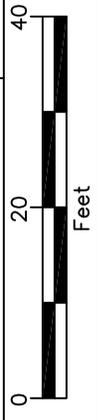
LEGEND  
Oil Well



REVISED:

DWG By: D Dominguez  
August 2014

SHEET  
1 of 1

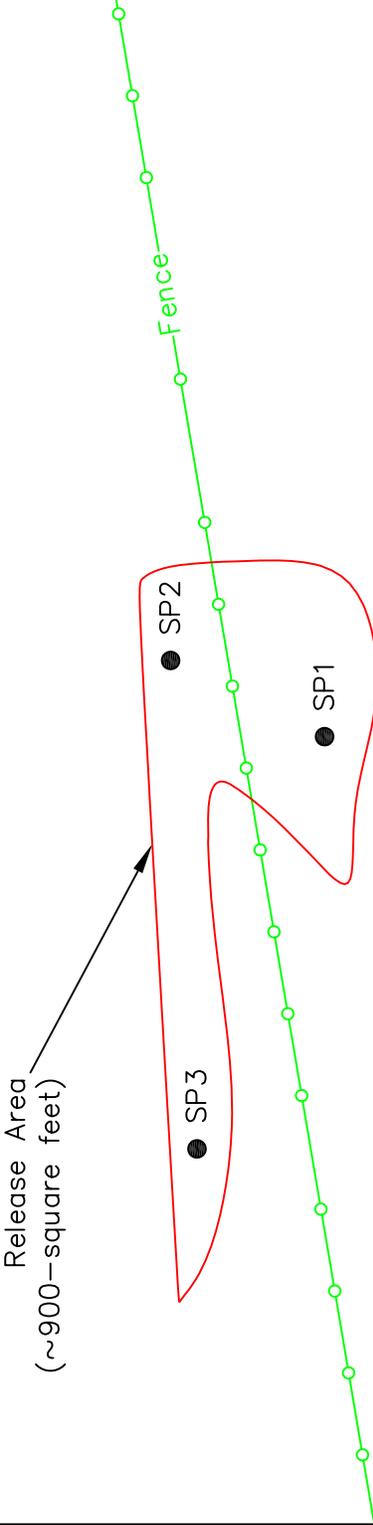


Eddy County, New Mexico  
SE 1/4 of SE 1/4, Sec. 30, T24S, R30E  
N 32°10' 54.54" W 103° 54' 48.20"  
Elevation: 3,219 feet amsl

Figure 3  
Site Map  
Bopco  
Poker Lake Unit #227



Release Area  
(~900-square feet)



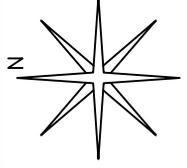
LEGEND



Oil Well



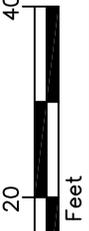
Sample Point



REVISED:

DWG By: D Dominguez  
August 2014

SHEET  
1 of 1



Eddy County, New Mexico  
SE 1/4 of SE 1/4, Sec. 30, T24S, R30E  
N 32°10' 54.54" W 103° 54' 48.20"  
Elevation: 3,219 feet amsl

Figure 4  
Sample Map  
Bopco  
Poker Lake Unit #227

## **TABLES**

**TABLE 1**

**Well Data**

**Bopco - Poker Lake Unit #227**

Ref #	Well Number	Use	Diversion <sup>A</sup>	Owner	q64	q16	q4	Sec	Twsp	Rng	Easting	Northing	Date Measured	Surface Elevation <sup>B</sup>	Depth to Water (ft bgs)
1	C 02109	STK	3	Tyson Mahaffey	1	2	4	19	24S	30E	602130	3563412	31-Dec-68	3,178	150

\* = Data obtained from the New Mexico Office of the State Engineer Website ([http://iwaters.ose.state.nm.us:7001/iWATERS/wr\\_RegisServlet](http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet)) and USGS Database

<sup>A</sup> = In acre feet per annum

<sup>B</sup> = Elevation interpolated from USGS topographical map based on referenced location.

STK = 72-12-1 Livestock watering

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

**TABLE 2**  
**Summary of Soil Sample Laboratory Analytical Results**  
**Bopco L.P.**  
**Poker Lake Unit #227**

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)	Total TPH (mg/Kg)	Chloride (mg/Kg)
SP1	Surface	Excavated	21-Jul-14	59.9	>4,000	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>13,700</b>	<b>13,700</b>	<b>18,800</b>
SP1	1	In Situ	21-Jul-14	4.3	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	96
SP2	Surface	Excavated	21-Jul-14	29.3	>4,000	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>9,880</b>	<b>9,880</b>	<b>18,200</b>
SP2	1	In Situ	21-Jul-14	4.4	200	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	144
SP3	Surface	Excavated	21-Jul-14	54.5	>4,000	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<b>10,200</b>	<b>10,200</b>	<b>31,600</b>
SP3	1	In Situ	21-Jul-14	5.2	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	119	<20.0	368
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**









**ATTACHMENT II**  
**Laboratory Analytical Results**



July 29, 2014

Daniel Dominguez  
Environmental Plus, Inc.  
P.O. Box 1558  
Eunice, NM 88231

RE: PLU #227

Enclosed are the results of analyses for samples received by the laboratory on 07/22/14 15:30.

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](http://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,

A handwritten signature in black ink that reads "Hope S. Moreno". The signature is written in a cursive, flowing style.

Hope S. Moreno For 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:	07/22/2014	Sampling Date:	07/21/2014
Reported:	07/29/2014	Sampling Type:	Soil
Project Name:	PLU #227	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	BOPCO		

**Sample ID: SP 1 (SURFACE) (H402223-01)**

BTEX 8021B		mg/kg		Analyzed By: CK/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	07/25/2014	ND	1.87	93.7	2.00	1.24	
Toluene*	<0.100	0.100	07/25/2014	ND	1.87	93.5	2.00	0.842	
Ethylbenzene*	<0.100	0.100	07/25/2014	ND	1.87	93.5	2.00	1.33	
Total Xylenes*	<0.300	0.300	07/25/2014	ND	5.92	98.6	6.00	2.11	
Total BTEX	<0.600	0.600	07/25/2014	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 101 % 89.4-126*

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>18800</b>	16.0	07/25/2014	ND	400	100	400	0.00	

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	<200	200	07/23/2014	ND	162	81.2	200	3.50		
<b>DRO &gt;C10-C28</b>	<b>13700</b>	200	07/23/2014	ND	174	86.8	200	5.19		

*Surrogate: 1-Chlorooctane 96.9 % 65.2-140*
*Surrogate: 1-Chlorooctadecane 512 % 63.6-154*

Cardinal Laboratories

\*=Accredited Analyte

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Hope S. Moreno For 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: 07/22/2014  
 Reported: 07/29/2014  
 Project Name: PLU #227  
 Project Number: NONE GIVEN  
 Project Location: BOPCO

 Sampling Date: 07/21/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kathy Perez

**Sample ID: SP 1 (1') (H402223-02)**

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	07/26/2014	ND	1.79	89.7	2.00	8.27		
Toluene*	<0.050	0.050	07/26/2014	ND	1.78	88.8	2.00	9.26		
Ethylbenzene*	<0.050	0.050	07/26/2014	ND	1.77	88.5	2.00	9.31		
Total Xylenes*	<0.150	0.150	07/26/2014	ND	5.61	93.5	6.00	8.97		
Total BTEX	<0.300	0.300	07/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/25/2014	ND	400	100	400	0.00		

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	07/23/2014	ND	162	81.2	200	3.50		
DRO >C10-C28	<10.0	10.0	07/23/2014	ND	174	86.8	200	5.19		

Surrogate: 1-Chlorooctane 119 % 65.2-140

Surrogate: 1-Chlorooctadecane 130 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Hope S. Moreno For 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: 07/22/2014  
 Reported: 07/29/2014  
 Project Name: PLU #227  
 Project Number: NONE GIVEN  
 Project Location: BOPCO

 Sampling Date: 07/21/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kathy Perez

**Sample ID: SP 2 (SURFACE) (H402223-03)**

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	07/26/2014	ND	1.79	89.7	2.00	8.27		
Toluene*	<0.050	0.050	07/26/2014	ND	1.78	88.8	2.00	9.26		
Ethylbenzene*	<0.050	0.050	07/26/2014	ND	1.77	88.5	2.00	9.31		
Total Xylenes*	<0.150	0.150	07/26/2014	ND	5.61	93.5	6.00	8.97		
Total BTEX	<0.300	0.300	07/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>18200</b>	16.0	07/25/2014	ND	400	100	400	0.00		

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	<100	100	07/23/2014	ND	162	81.2	200	3.50			
<b>DRO &gt;C10-C28</b>	<b>9880</b>	100	07/23/2014	ND	174	86.8	200	5.19			

Surrogate: 1-Chlorooctane 109 % 65.2-140

Surrogate: 1-Chlorooctadecane 387 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Hope S. Moreno For 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: 07/22/2014  
 Reported: 07/29/2014  
 Project Name: PLU #227  
 Project Number: NONE GIVEN  
 Project Location: BOPCO

 Sampling Date: 07/21/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kathy Perez

**Sample ID: SP 2 (1') (H402223-04)**

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	07/26/2014	ND	1.79	89.7	2.00	8.27		
Toluene*	<0.050	0.050	07/26/2014	ND	1.78	88.8	2.00	9.26		
Ethylbenzene*	<0.050	0.050	07/26/2014	ND	1.77	88.5	2.00	9.31		
Total Xylenes*	<0.150	0.150	07/26/2014	ND	5.61	93.5	6.00	8.97		
Total BTEX	<0.300	0.300	07/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>144</b>	16.0	07/25/2014	ND	400	100	400	0.00		

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	07/24/2014	ND	194	97.0	200	1.39		
DRO >C10-C28	<10.0	10.0	07/24/2014	ND	203	101	200	3.56		

Surrogate: 1-Chlorooctane 116 % 65.2-140

Surrogate: 1-Chlorooctadecane 132 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Hope S. Moreno For 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: 07/22/2014  
 Reported: 07/29/2014  
 Project Name: PLU #227  
 Project Number: NONE GIVEN  
 Project Location: BOPCO

 Sampling Date: 07/21/2014  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Kathy Perez

**Sample ID: SP 3 (SURFACE) (H402223-05)**

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	07/26/2014	ND	1.79	89.7	2.00	8.27	
Toluene*	<0.050	0.050	07/26/2014	ND	1.78	88.8	2.00	9.26	
Ethylbenzene*	<0.050	0.050	07/26/2014	ND	1.77	88.5	2.00	9.31	
Total Xylenes*	<0.150	0.150	07/26/2014	ND	5.61	93.5	6.00	8.97	
Total BTEX	<0.300	0.300	07/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>31600</b>	16.0	07/25/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	07/24/2014	ND	194	97.0	200	1.39		
<b>DRO &gt;C10-C28</b>	<b>10200</b>	100	07/24/2014	ND	203	101	200	3.56		

Surrogate: 1-Chlorooctane 116 % 65.2-140

Surrogate: 1-Chlorooctadecane 364 % 63.6-154

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.



Hope S. Moreno For 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:	07/22/2014	Sampling Date:	07/21/2014
Reported:	07/29/2014	Sampling Type:	Soil
Project Name:	PLU #227	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	BOPCO		

**Sample ID: SP 3 (1') (H402223-06)**

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	07/26/2014	ND	1.79	89.7	2.00	8.27		
Toluene*	<0.050	0.050	07/26/2014	ND	1.78	88.8	2.00	9.26		
Ethylbenzene*	<0.050	0.050	07/26/2014	ND	1.77	88.5	2.00	9.31		
Total Xylenes*	<0.150	0.150	07/26/2014	ND	5.61	93.5	6.00	8.97		
Total BTEX	<0.300	0.300	07/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>368</b>	16.0	07/25/2014	ND	400	100	400	0.00		

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	07/24/2014	ND	194	97.0	200	1.39		
<b>DRO &gt;C10-C28</b>	<b>119</b>	10.0	07/24/2014	ND	203	101	200	3.56		

Surrogate: 1-Chlorooctane 117 % 65.2-140

Surrogate: 1-Chlorooctadecane 132 % 63.6-154

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.



Hope S. Moreno For 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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Hope S. Moreno For Celey D. Keene, Lab Director/Quality Manager



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

*nHMP1419935641*

<b>OPERATOR</b>		<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Name of Company: BOPCO, L.P.	<i>260737</i>	Contact: Tony Savoie	
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220		Telephone No. 575-887-7329	
Facility Name: Poker Lake Unit 227 Tank Battery		Facility Type: Exploration and Production	
Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-33929	

**LOCATION OF RELEASE**

Unit Letter P	Section 30	Township 24S	Range 30E	Feet from the 330	North/South Line South	Feet from the 560	East/West Line East	County Eddy
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Latitude N 32.181934 Longitude W 103.913878

**NATURE OF RELEASE**

Type of Release: Crude oil	Volume of Release: 6 bbls	Volume Recovered: 1 bbl
Source of Release: Process separator	Date and Hour of Occurrence: 7/3/14 time unknown	Date and Hour of Discovery: 7/3/14 at approximately 11:00 a.m.
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**  
ARTESIA DISTRICT

JUL 10 2014

**RECEIVED**

Describe Cause of Problem and Remedial Action Taken.\*  
Cows broke a 1/4" fitting off of one of the process separators. The fitting was replaced and a fence was installed around the process equipment.

Describe Area Affected and Cleanup Action Taken.\*  
The spill impacted approximately 350 sq.ft. of caliche pad. The free standing fluid was recovered, the stained soil was left as is pending remediation. The area will be cleaned up in accordance to the NMOCD and BLM remediation guidelines.

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: <i>Tony Savoie</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Tony Savoie	Approved by Environmental Specialist: <i>[Signature]</i>	
Title: Waste Management and Remediation Specialist	Approval Date: <i>7/18/14</i>	Expiration Date: <i>NA</i>
E-mail Address: <i>tasavoie@basspet.com</i>	Conditions of Approval: Remediation per OCD Rule & Guidelines, & like approval by BLM. <b>SUBMIT REMEDIATION PROPOSAL NO LATER THAN:</b>	Attached <input type="checkbox"/>
Date: 7/10/14	Phone: 432-556-8730	

**PROPOSAL NO LATER THAN:**

*8/18/14*

*22P-2373*

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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 October 10, 2003  
Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

**OPERATOR**  Initial Report  Final Report

<b>Name of Company:</b> Bopco, L.P.		<b>Contact:</b> Tony Savoie	
<b>Address:</b> 522 W. Mermod, Suite 704 Carlsbad, NM 88220		<b>Telephone No.:</b> (575) 887-7329	
<b>Facility Name:</b> Poker Lake Unit 227 Tank Battery		<b>Facility Type:</b> Exploration and Production	
<b>Surface Owner:</b> Federal		<b>Mineral Owner:</b> Federal	
		<b>API No.:</b> 30-015-33929	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	30	24S	30E	330	South	560	East	Eddy

**Latitude:** N 32° 10' 54.54" **Longitude:** W 103° 54' 48.19"

**NATURE OF RELEASE**

<b>Type of Release:</b> crude oil	<b>Volume of Release:</b> 6 bbls	<b>Volume Recovered:</b> 1 bbls
<b>Source of Release:</b> process separator	<b>Date and Hour of Occurrence:</b> 7/3/14 time unknown	<b>Date and Hour of Discovery:</b> 7/3/14 @ 11:00 am
<b>Was Immediate Notice Given?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	<b>If YES, To Whom?</b>	
<b>By Whom?</b>	<b>Date and Hour:</b>	
<b>Was a Watercourse Reached?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>If YES, Volume Impacting the Watercourse:</b> Not Applicable	
<b>Depth to Water.</b> ~260 ft bgs		
<b>If a Watercourse was Impacted, Describe Fully.*</b> Not Applicable		
<b>Describe Cause of Problem and Remedial Action Taken.*</b> Cows broke a 1/4" fitting off of one of the process separators. The fitting was replaced and a fence was installed around the process equipment.		
<b>Describe Area Affected and Cleanup Action Taken.*</b> The spill impacted approximately 350 sq. ft. of caliche pad. The free standing fluid was recovered and soil samples collected. All contaminated soil has been removed and hauled for disposal. The area has been cleaned up in accordance to the NMOCD and BLM remediation guidelines and backfilled.		
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.		

<b>Signature:</b> 		<b>OIL CONSERVATION DIVISION</b>	
<b>Printed Name:</b> Brad Blevins		<b>Approved by District Supervisor:</b>	
<b>Title:</b> EHS Asst. Remediation Foreman		<b>Approval Date:</b>	<b>Expiration Date:</b>
<b>E-mail Address:</b> <a href="mailto:bblevins@basspet.com">bblevins@basspet.com</a>		<b>Conditions of Approval:</b>	
<b>Date:</b> 9-12-14 <b>Phone:</b> (432) 214-3407		<b>Attached</b> <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary