

ENVIRONMENTAL PLUS, INC.

2100 AVE 'O'
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EUNICE, NM 88231
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Office: (575)394-3481
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CLOSURE REPORT

BOPCO, L.P.
PLU CVX JV BS #008H
Eddy County, New Mexico
Unit Letter "N", Section 14, Township 25 South, Range 30 East
Latitude 32.124005 North, Longitude 103.853969 West
NMOCD Reference #'s 2RP-2687; 2RP-3075; 2RP-3271; 2RP-3294

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

August 2016

Daniel Dominguez
Project Manager



22 August 2016

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

RE: Final Closure Report
Bopco – PLU CVX JV BS #008H
UL-N, Section 14, Township 25 South, Range 30 East
Eddy County, New Mexico
NMOCD Reference #'s 2RP 2687, 2RP 3075, 2RP 3271, 2RP 3294

Mr. Bratcher:

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

Background Information:

The first release occurred when a valve was discovered closed on the flare scrubber causing the vessels to load up and exit the flare stack. The valve was opened and the system restored to normal. The free standing fluid was recovered with a vacuum truck. The second release occurred when a four-inch hammer union failed on the charge pump releasing 35 barrels of produced water (30 barrels remained inside the lined containment). Five barrels of produced water was estimated to remain in the soil. The third release occurred when the packing gland on triplex pump failed, causing fluid to enter impervious containment. The containment failed on the east side and released one barrel of produced water. A vacuum truck was called to the location and recovered 48 barrels of PW from the containment. The next release occurred when the head on the triplex pump cracked. Produced water was released to the pump containment causing the containment to overflow to the well pad. A vacuum truck was called to the location and was able to recover 190 barrels of the fluid. (186 barrels from the containment and 4 barrels PW from the ground).

Remediation Activities:

EPI personnel mobilized on the site on April 4, 2016 to collect soil samples to determine the vertical extent of contamination. A total of thirty-two (32) soil samples were collected from five (5) sample locations; SP1 – SP5. Five (5) representative samples were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate the release area, at sample depth, is void of Benzene, BTEX, TPH and Chloride concentrations in excess of NMOCD 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 excavated to a depth of approximately three (3) feet bgs in the area of SP1. The area around SP2 was excavated approximately four (4) feet bgs. The surface material around



the areas of SP3 – SP5 was excavated (Reference *Correspondence*). Approximately 107 tons of contaminated soil were excavated and hauled to a state approved facility for disposal.

Closure Activities:

Based on laboratory analytical results and with NMOCD approval the excavation was backfilled with approximately 107 tons of clean soil. All soil was free of rocks, clumps or deleterious material. The entire disturbed area was then contoured to blend with existing well 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,

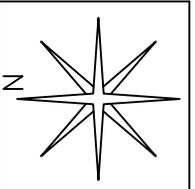
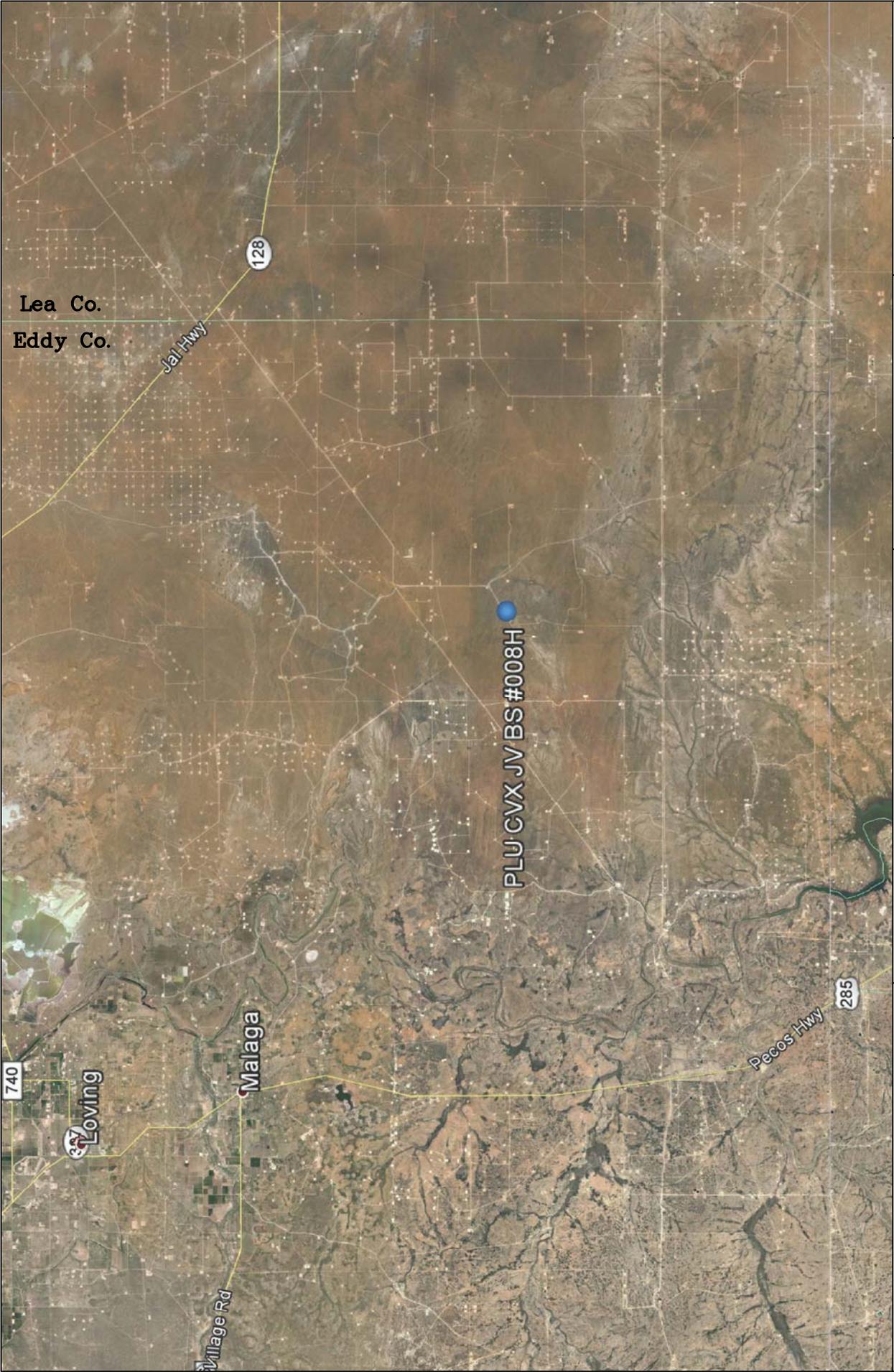
ENVIRONMENTAL PLUS, INC.

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 II – Laboratory Analytical Results
Attachment III – Correspondence
Attachment IV – Copy of Initial NMOCD Form C-141's, Final C-141's

FIGURES



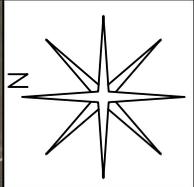
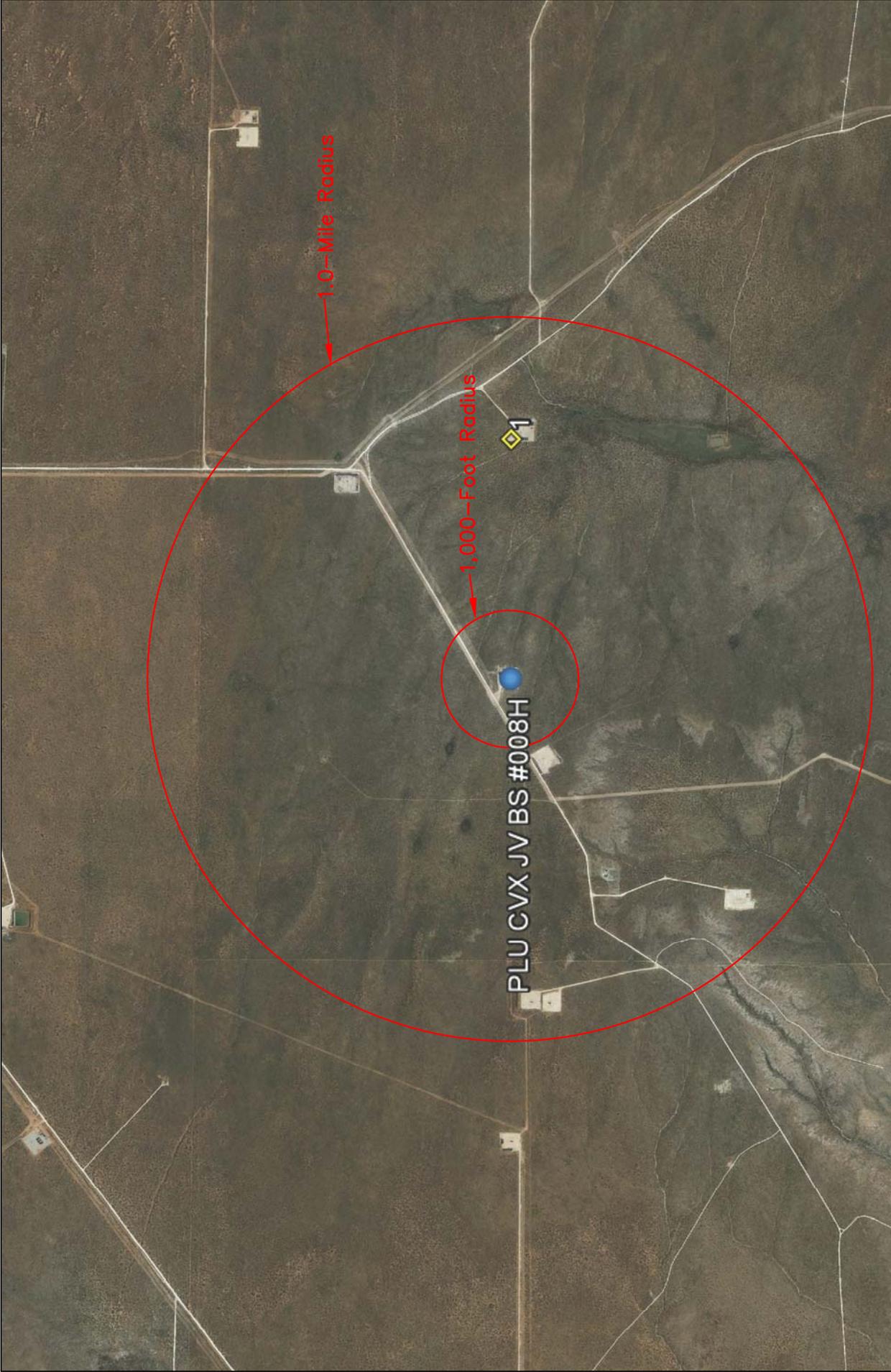
REVISED:

DWG By: D Dominguez August 2016	6	SHEET
	0 3 6	1 of 1

Miles

Eddy County, New Mexico
 SE 1/4 of SW 1/4, Sec. 14, T25S, R30E
 N 32° 07' 26.36" W 103° 51' 14.40"
 Elevation: 3,369 feet amsl

Figure 1
 Area Map
 Bopco, L.P.
 PLU CVX JV BS #008H



DWG By: D Dominguez August 2016		REVISED:
0	2,000	4,000
SHEET		1 of 1
Feet		

Eddy County, New Mexico
 SE 1/4 of SW 1/4, Sec. 14, T25S, R30E
 N 32° 07' 26.36" W 103° 51' 14.40"
 Elevation: 3,369 feet amsl

Figure 2
 Site Location Map
 Bopco, L.P.
 PLU CVX JV BS #008H



<p>Figure 3 Site/Sample Map Bopco, L.P. PLU CVX JV BS #008H</p>	<p>Eddy County, New Mexico SE 1/4 of SW 1/4, Sec. 14, T25S, R30E N 32° 07' 26.36" W 103° 51' 14.40" Elevation: 3,369 feet amsl</p>	<p>DWG By: D Dominguez August 2016</p> <p>0 60 120 Feet</p>	<p>REVISED: SHEET 1 of 1</p> <p>LEGEND XSP1 Sample Point</p> <p>N</p>
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TABLES

TABLE 1
Well Data
Bopco, L.P. - PLU CVX JV BS #008H

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 03781	EXP	0	BOPCO, L.P.	3	3	3	13	25S	30E	609305	3554761	766	10-Jan-15	3,304	325

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

^A = In acre feet per annum

^B = In meters

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

EXP = Exploration

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

-- = Data not provided on the NM iwaters website

Shaded area indicates wells not shown in Figure 2

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Data
Bopeco, L.P.
PLU CVX JV BS #008H

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	04-Apr-16	0.1	3,360	--	--	--	--	--	--	--	--	--	--
	1	Excavated	04-Apr-16	0.4	2,560	--	--	--	--	--	--	--	--	--	--
	2	Excavated	04-Apr-16	0.0	>4,000	--	--	--	--	--	--	--	--	--	--
	3	Excavated	04-Apr-16	0.0	>4,000	--	--	--	--	--	--	--	--	--	--
	4	In Situ	04-Apr-16	0.0	1,600	--	--	--	--	--	--	--	--	--	--
	5	In Situ	04-Apr-16	0.1	880	--	--	--	--	--	--	--	--	--	--
	7	In Situ	04-Apr-16	0.0	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.1	19.5	29.6	240
SP2	Surface	Excavated	04-Apr-16	0.1	800	--	--	--	--	--	--	--	--	--	--
	1	Excavated	04-Apr-16	0.1	1,520	--	--	--	--	--	--	--	--	--	--
	2	Excavated	04-Apr-16	0.0	3,680	--	--	--	--	--	--	--	--	--	--
	3	Excavated	04-Apr-16	0.0	>4,000	--	--	--	--	--	--	--	--	--	--
	4	Excavated	04-Apr-16	0.0	4,000	--	--	--	--	--	--	--	--	--	--
	5	In Situ	04-Apr-16	0.0	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	320
SP3	Surface	Excavated	04-Apr-16	0.4	720	--	--	--	--	--	--	--	--	--	--
	1	In Situ	04-Apr-16	0.0	720	--	--	--	--	--	--	--	--	--	--
	2	In Situ	04-Apr-16	0.0	160	--	--	--	--	--	--	--	--	--	--
	3	In Situ	04-Apr-16	0.1	1,080	--	--	--	--	--	--	--	--	--	--
	4	In Situ	04-Apr-16	0.0	400	--	--	--	--	--	--	--	--	--	--
	5	In Situ	04-Apr-16	0.0	400	--	--	--	--	--	--	--	--	--	--
6	In Situ	04-Apr-16	0.0	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	256	

TABLE 2
 Summary of Soil Sample Field Testing and Laboratory Analytical Data
 Bopco, L.P.
 PLU CVX JV BS #008H

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)
SP4	Surface	Excavated	04-Apr-16	0.3	>4,000	--	--	--	--	--	--	--	--	--	--
	1	In Situ	04-Apr-16	0.0	1,480	--	--	--	--	--	--	--	--	--	--
	2	In Situ	04-Apr-16	0.1	880	--	--	--	--	--	--	--	--	--	--
	3	In Situ	04-Apr-16	0.1	880	--	--	--	--	--	--	--	--	--	--
	4	In Situ	04-Apr-16	0.0	1,040	--	--	--	--	--	--	--	--	--	--
	5	In Situ	04-Apr-16	0.0	400	--	--	--	--	--	--	--	--	--	--
	6	In Situ	04-Apr-16	0.0	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	192
SP5	Surface	Excavated	04-Apr-16	7.8	120	--	--	--	--	--	--	--	--	--	--
	1	In Situ	04-Apr-16	3.4	160	--	--	--	--	--	--	--	--	--	--
	2	In Situ	04-Apr-16	2.8	120	--	--	--	--	--	--	--	--	--	--
	3	In Situ	04-Apr-16	1.6	120	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
NMOCD Recommended Remedial Action Levels															
				100		10				50				5,000	1,000

-- = Not Analyzed
Red values are in excess of NMOCD Recommended Remedial Action Levels
 Shaded values indicates soil has been excavated

ATTACHMENTS

ATTACHMENT I
Photographs



Photograph #1 – Looking across release area



Photograph #2 – Looking across release area



Photograph #3 – Looking across release area



Photograph #4 – Excavated



Photograph #5 – Excavated



Photograph #6 – Excavated



Photograph #7 – Backfilled



Photograph #8 – Backfilled

ATTACHMENT II
Laboratory Analytical Results



April 13, 2016

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

RE: PLU BS #008H

Enclosed are the results of analyses for samples received by the laboratory on 04/07/16 15:41.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	04/07/2016	Sampling Date:	04/04/2016
Reported:	04/13/2016	Sampling Type:	Soil
Project Name:	PLU BS #008H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-E SEC. 13, T25S, R30E		

Sample ID: SP 1 (7') (H600759-01)

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	04/08/2016	ND	1.97	98.5	2.00	1.73	
Toluene*	<0.050	0.050	04/08/2016	ND	1.86	92.8	2.00	3.49	
Ethylbenzene*	<0.050	0.050	04/08/2016	ND	1.64	82.2	2.00	4.52	
Total Xylenes*	<0.150	0.150	04/08/2016	ND	5.09	84.9	6.00	4.15	
Total BTEX	<0.300	0.300	04/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/12/2016	ND	416	104	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	04/11/2016	ND	203	101	200	2.98	
DRO >C10-C28	10.1	10.0	04/11/2016	ND	220	110	200	6.97	
EXT DRO >C28-C35	19.5	10.0	04/11/2016	ND					

Surrogate: 1-Chlorooctane 88.5 % 35-147

Surrogate: 1-Chlorooctadecane 104 % 28-171

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:	04/07/2016	Sampling Date:	04/04/2016
Reported:	04/13/2016	Sampling Type:	Soil
Project Name:	PLU BS #008H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-E SEC. 13, T25S, R30E		

Sample ID: SP 2 (5') (H600759-02)

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	04/08/2016	ND	1.97	98.5	2.00	1.73	
Toluene*	<0.050	0.050	04/08/2016	ND	1.86	92.8	2.00	3.49	
Ethylbenzene*	<0.050	0.050	04/08/2016	ND	1.64	82.2	2.00	4.52	
Total Xylenes*	<0.150	0.150	04/08/2016	ND	5.09	84.9	6.00	4.15	
Total BTEX	<0.300	0.300	04/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

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	04/12/2016	ND	416	104	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	04/11/2016	ND	203	101	200	2.98	
DRO >C10-C28	<10.0	10.0	04/11/2016	ND	220	110	200	6.97	
EXT DRO >C28-C35	<10.0	10.0	04/11/2016	ND					

Surrogate: 1-Chlorooctane 88.4 % 35-147

Surrogate: 1-Chlorooctadecane 116 % 28-171

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:	04/07/2016	Sampling Date:	04/04/2016
Reported:	04/13/2016	Sampling Type:	Soil
Project Name:	PLU BS #008H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-E SEC. 13, T25S, R30E		

Sample ID: SP 3 (6') (H600759-03)

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	04/08/2016	ND	1.97	98.5	2.00	1.73	
Toluene*	<0.050	0.050	04/08/2016	ND	1.86	92.8	2.00	3.49	
Ethylbenzene*	<0.050	0.050	04/08/2016	ND	1.64	82.2	2.00	4.52	
Total Xylenes*	<0.150	0.150	04/08/2016	ND	5.09	84.9	6.00	4.15	
Total BTEX	<0.300	0.300	04/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/12/2016	ND	416	104	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	04/11/2016	ND	203	101	200	2.98	
DRO >C10-C28	<10.0	10.0	04/11/2016	ND	220	110	200	6.97	
EXT DRO >C28-C35	<10.0	10.0	04/11/2016	ND					

Surrogate: 1-Chlorooctane 95.0 % 35-147

Surrogate: 1-Chlorooctadecane 124 % 28-171

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:	04/07/2016	Sampling Date:	04/04/2016
Reported:	04/13/2016	Sampling Type:	Soil
Project Name:	PLU BS #008H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-E SEC. 13, T25S, R30E		

Sample ID: SP 4 (6') (H600759-04)

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	04/08/2016	ND	1.97	98.5	2.00	1.73	
Toluene*	<0.050	0.050	04/08/2016	ND	1.86	92.8	2.00	3.49	
Ethylbenzene*	<0.050	0.050	04/08/2016	ND	1.64	82.2	2.00	4.52	
Total Xylenes*	<0.150	0.150	04/08/2016	ND	5.09	84.9	6.00	4.15	
Total BTEX	<0.300	0.300	04/08/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/12/2016	ND	416	104	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	04/11/2016	ND	203	101	200	2.98	
DRO >C10-C28	<10.0	10.0	04/11/2016	ND	220	110	200	6.97	
EXT DRO >C28-C35	<10.0	10.0	04/11/2016	ND					

Surrogate: 1-Chlorooctane 75.9 % 35-147

Surrogate: 1-Chlorooctadecane 100 % 28-171

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:	04/07/2016	Sampling Date:	04/04/2016
Reported:	04/13/2016	Sampling Type:	Soil
Project Name:	PLU BS #008H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-E SEC. 13, T25S, R30E		

Sample ID: SP 5 (3') (H600759-05)

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	04/11/2016	ND	2.00	100	2.00	1.28	
Toluene*	<0.050	0.050	04/11/2016	ND	1.91	95.3	2.00	0.464	
Ethylbenzene*	<0.050	0.050	04/11/2016	ND	1.69	84.3	2.00	0.793	
Total Xylenes*	<0.150	0.150	04/11/2016	ND	5.20	86.6	6.00	0.493	
Total BTEX	<0.300	0.300	04/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140

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	04/12/2016	ND	416	104	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	04/11/2016	ND	203	101	200	2.98	
DRO >C10-C28	<10.0	10.0	04/11/2016	ND	220	110	200	6.97	
EXT DRO >C28-C35	<10.0	10.0	04/11/2016	ND					

Surrogate: 1-Chlorooctane 73.6 % 35-147

Surrogate: 1-Chlorooctadecane 91.7 % 28-171

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-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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

ATTACHMENT III
Correspondence

From: Patterson, Heather, EMNRD
To: ["Blevins, Bradley"; Bratcher, Mike, EMNRD](#)
Subject: RE: PLU CVX JV BS 008H
Date: Monday, May 09, 2016 9:08:00 AM

RE: BOPCO * PLU CVX JV BS #8H * 30-015-39508 * 2RP-2687 * 2RP-3075 * 2RP-3271 * 2RP-3294

Bradley,

This work plan is approved.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Heather Patterson
Environmental Specialist
NMOCD District II
Office (575)748-1283 ext.101
Cell (575)703-0228

From: Blevins, Bradley [mailto:BBlevins@BassPet.Com]
Sent: Tuesday, May 03, 2016 10:06 AM
To: Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD
Cc: Blevins, Bradley
Subject: PLU CVX JV BS 008H

Mike/ Heather

Per our meeting April 29th 2016 BOPCO will remediate multiple spills located within the well pad.

SP1 area 3ft will be excavated, SP2 area 4 ft will be excavated, SP 3-5 will not require any further action since the surface material has already been removed. Once the field work is complete a final C-141 will be submitted for each open RP and a final closure report will be submitted.

Brad Blevins
BOPCO, LP
522 W. Mermod, Suite 704
Carlsbad, NM 88220
Office-575-887-7329
Cell-1-432-214-3704
bblevins@basspet.com

ATTACHMENT IV
Copy of Initial NMOCD Form C-141's
Final C-141's

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

NM OIL CONSERVATION

ARTESIA DISTRICT

Form C-141
Revised August 8, 2011

DEC 22 2014
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

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

RECEIVED

Release Notification and Corrective Action

NAB1435732889

OPERATOR

Initial Report Final Report

Name of Company: BOPCO, L.P. <u>260737</u>	Contact: Tony Savoie
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 575-887-7329
Facility Name: PLU-CVX-JV-BS #008H Tank Battery	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-39508
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	14	25S	30E	300	South	1980	West	Eddy

Latitude N 32.12404 Longitude W 103.85451

NATURE OF RELEASE

Type of Release: Crude oil	Volume of Release: 8 bbls.	Volume Recovered: 4 bbls.
Source of Release: Flare Stack	Date and Hour of Occurrence: 12/15/14 time unknown	Date and Hour of Discovery: 12/15/14 at 3:38 p.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.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
A valve was discovered closed on the flare scrubber causing the vessels to load up and exit the flare stack. The valve was opened and the system restored to normal. The free standing fluid was recovered with a vacuum truck.

Describe Area Affected and Cleanup Action Taken.*
The release puddled up in an area of approximately 460 sq.ft. inside the earthen containment around the flare stack, it also misted approximately 260 sq.ft. of caliche pad and approximately 1000 sq.ft. of pasture.
The impacted 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: <u>Tony Savoie</u>	OIL CONSERVATION DIVISION	
Printed Name: Tony Savoie	Approved by Environmental Specialist: <u>[Signature]</u>	
Title: Waste Management and Remediation Specialist	Approval Date: <u>12/23/14</u>	Expiration Date: <u>NA</u>
E-mail Address: <u>tasavoie@basspet.com</u>	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <u>12/22/14</u> Phone: 432-556-8730	Remediation per O.C.D. Rules & Guidelines	

SUBMIT REMEDIATION PROPOSAL NO
LATER THAN: 12/31/15

* Attach Additional Sheets If Necessary

2RP-2687

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

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

nAB1518051848 OPERATOR Initial Report Final Report

Name of Company: BOPCO, L.P. 2100737	Contact: Bradley Blevins
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 575-887-7329
Facility Name: PLU CVX JV Big Sinks 008H (AKA PLU BS 14-25-30 1H)	Facility Type: Exploration and Production
Surface Owner:	Mineral Owner:
API No. 3001539508	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	14	25S	30E	300		1980		Eddy

Latitude 32.124005 Longitude 103.853969

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release 35 barrels	Volume Recovered: 30 barrels
Source of Release: 4 inch hammer union failed on charge pump.	Date and Hour of Occurrence: 6-23-15 unknown	Date and Hour of Discovery: 6-23-15 @ 12:08pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Heather Patterson via Email	
By Whom? Bradley Blevins	Date and Hour 6-24-15 @ 9:43am	NM OIL CONSERVATION ARTESIA DISTRICT JUN 24 2015
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.*		
RECEIVED		

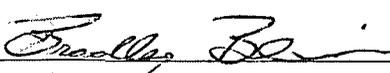
Describe Cause of Problem and Remedial Action Taken.*

A four inch hammer union failed on the charge pump releasing 35 barrels of produced water (30 barrels remained inside the lined containment). Five barrels of produced water was estimated to remain in the soil.

Describe Area Affected and Cleanup Action Taken.*

A vacuum truck was called to the location and was able to recover 30 barrels of produced water from the lined containment.

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: Bradley Blevins	Approved by Environmental Specialist: 	
Title: Assistant Remediation Foreman	Approval Date: 6/29/15	Expiration Date: N/A
E-mail Address: bblevins@basspet.com	Conditions of Approval: Remediation per O.C.D. Rules & Guidelines	
Date: 6-24-15 Phone: 432-214-3704	Attached <input type="checkbox"/> SUBMIT REMEDIATION PROPOSAL NO	

* Attach Additional Sheets If Necessary

LATER THAN: 7/30/15

2RP-3075

NM OIL CONSERVATION
ARTESIA DISTRICT

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

SEP 16 2015

Form C-141
Revised August 8, 2011

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

RECEIVED

Release Notification and Corrective Action

NAB1526436708 **OPERATOR** Initial Report Final Report

Name of Company: BOPCO, L.P. <i>ALD737</i>	Contact: Bradley Blevins
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 575-887-7329
Facility Name: PLU CVX JV BS 008H	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner:	API No. 3001539508
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	14	25S	30E	300		1980		Eddy

Latitude: 32.124005 Longitude: 103.853969

NATURE OF RELEASE

Type of Release: Produced water	Volume of Release: 49 barrels	Volume Recovered: 48 barrels
Source of Release: Packing gland failed on triplex pump	Date and Hour of Occurrence 9-15-15 @ 12:00pm	Date and Hour of Discovery 9-15-15 @ 12:15pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Bradley Blevins	Date and Hour: 9-15-15 12:44pm * e-mail 8:23am	
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.*
Packing gland on triplex pump failed, causing fluid to enter impervious containment. The containment failed on the east side and released one barrel of produced water. A vacuum truck was called to the location and recovered 48 barrels of PW from the containment.

Describe Area Affected and Cleanup Action Taken.*
A vacuum truck was called to the location and recovered 48 barrels of PW from the containment.

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>Bradley Blevins</i>	OIL CONSERVATION DIVISION	
	Signed By: <i>Mike Bratcher</i> Approved by Environmental Specialist:	
Printed Name: Bradley Blevins	Approval Date: <i>9/21/15</i>	Expiration Date: <i>NA</i>
Title: Assistant Remediation Foreman	Conditions of Approval:	
E-mail Address: bblevins@basspet.com	Attached <input type="checkbox"/>	
Date: <i>9-16-15</i> Phone: 432-214-3704	Remediation per O.C.D. Rules & Guidelines	

* Attach Additional Sheets If Necessary

SUBMIT REMEDIATION PROPOSAL NO
LATER THAN: 10/22/15 2RP-3271

NM OIL CONSERVATION
ARTESIA DISTRICT

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

SEP 22 2015 Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

NAB1526726050

OPERATOR

Initial Report Final Report

Name of Company: BOPCO, L.P. <i>2160737</i>	Contact: Bradley Blevins
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 575-887-7329
Facility Name: PLU CVX JV BS 008H	Facility Type: Exploration and Production
Surface Owner: Federal	Mineral Owner: Federal
API No. 3001539508	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	14	25S	30E	300		1980		Eddy

Latitude: 32.124005 Longitude: 103.853969

NATURE OF RELEASE

Type of Release: Produced water	Volume of Release: 234 barrels	Volume Recovered: 190 barrels
Source of Release: Cracked head on triplex pump	Date and Hour of Occurrence: 9-21-15 @ 8:00am	Date and Hour of Discovery: 9-21-15 @ 8:44am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher via Email	
By Whom? Bradley Blevins	Date and Hour: 9-21-15 @ 10:52am	
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.*

BOPCO EHS was notified of a release that occurred when the head on the triplex pump cracked. Produced water was released to the pump containment causing the containment to overflow to the well pad.

Describe Area Affected and Cleanup Action Taken.*

A vacuum truck was called to the location and was able to recover 190 barrels of the fluid. (186 barrels from the containment and 4 barrels PW from the ground).

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: <i>Bradley Blevins</i>	SIGNED BY: <i>Mike Bratcher</i>	
Printed Name: Bradley Blevins	Approved by Environmental Specialist:	
Title: Assistant Remediation Foreman	Approval Date: <i>9/23/15</i>	Expiration Date: <i>NIA</i>
E-mail Address: bblevins@basspet.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>9-22-15</i> Phone: 432-214-3704	Remediation per O.C.D. Rules & Guidelines	

SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 10/25/15

2RP-3294

* Attach Additional Sheets If Necessary

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 CVX JV BS #008H Tank Battery; 2RP#2687	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-39508
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LOCATION OF RELEASE

Unit Letter N	Section 14	Township 25S	Range 30E	Feet from the 300	North/South Line South	Feet from the 1980	East/West Line West	County Eddy
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Latitude: N 32.12404° Longitude: W 103.85451°

NATURE OF RELEASE

Type of Release: Oil	Volume of Release: 8 barrels	Volume Recovered: 4 barrels
Source of Release: Flare stack	Date and Hour of Occurrence: 12/15/14 time unknown	Date and Hour of Discovery: 12/15/14 @ 3:38 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.*
A valve was discovered closed on the flare scrubber causing the vessels to load up and exit the flare stack. The valve was opened and the system restored to normal. The free standing fluid was recovered with a vacuum truck.

Describe Area Affected and Cleanup Action Taken.*
The release puddled up in an area of approximately 460 sq. ft. inside the earthen containment around the flare stack, it also misted approximately 260 sq. ft. of caliche pad and approximately 1,000 sq. ft. of pasture. Samples were collected, and based on laboratory analytical data and NMOCD approval: the contaminated soil was excavated and hauled to a state approved disposal facility and the excavation 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Bradley Blevins	Approved by Environmental Specialist:	
Title: Assistant Remediation Foreman	Approval Date:	Expiration Date:
E-mail Address: bblevins@basspet.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <u>8-22-16</u> Phone: 432-214-3704		

* Attach Additional Sheets If Necessary

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

Form C-141
Revised August 8, 2011

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

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 CVX JV BS #008H (AKA PLU BS 14-25-30 IH); 2RP#3075	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-39508
------------------------	------------------------	----------------------

LOCATION OF RELEASE

Unit Letter N	Section 14	Township 25S	Range 30E	Feet from the 300	North/South Line South	Feet from the 1980	East/West Line West	County Eddy
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Latitude: N 32.124005° Longitude: W 103.853969°

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 35 barrels	Volume Recovered: 30 barrels
Source of Release: 4-inch hammer union failed on charge pump	Date and Hour of Occurrence: 6/23/15 time unknown	Date and Hour of Discovery: 6/23/15 @ 12:08 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Heather Patterson via email	
By Whom? Bradley Blevins	Date and Hour: 6/24/15 @ 9:43 am	
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.*
A four-inch hammer union failed on the charge pump releasing 35 barrels of produced water (30 barrels remained inside the lined containment). Five barrels of produced water was estimated to remain in the soil.

Describe Area Affected and Cleanup Action Taken.*
A vacuum truck was called to the location and was able to recover 30 barrels of produced water from the lined containment. Samples were collected, and based on laboratory analytical data and NMOCD approval: the contaminated soil was excavated and hauled to a state approved disposal facility and the excavation 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Bradley Blevins	Approved by Environmental Specialist:	
Title: Assistant Remediation Foreman	Approval Date:	Expiration Date:
E-mail Address: bblevins@basspet.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 8-22-16	Phone: 432-214-3704	

* Attach Additional Sheets If Necessary

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

Form C-141
Revised August 8, 2011

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

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 CVX JV BS #008H; 2RP#3271	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-39508
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LOCATION OF RELEASE

Unit Letter N	Section 14	Township 25S	Range 30E	Feet from the 300	North/South Line South	Feet from the 1980	East/West Line West	County Eddy
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Latitude: N 32.124005° Longitude: W 103.853969°

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 49 barrels	Volume Recovered: 48 barrels
Source of Release: Packing gland failed on triplex pump	Date and Hour of Occurrence: 9/15/15 @ 12:00 pm	Date and Hour of Discovery: 9/15/15 @ 12:15 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher	
By Whom? Bradley Blevins	Date and Hour: 9/15/15 @ 8:23 am	
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.*
Packing gland on triplex pump failed, causing fluid to enter impervious containment. The containment failed on the east side and released one barrel of produced water. A vacuum truck was called to the location and recovered 48 barrels of PW from the containment.

Describe Area Affected and Cleanup Action Taken.*
A vacuum truck was called to the location and recovered 48 barrels of PW from the containment. Samples were collected, and based on laboratory analytical data and NMOCD approval: the contaminated soil was excavated and hauled to a state approved disposal facility and the excavation 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Bradley Blevins	Approved by Environmental Specialist:	
Title: Assistant Remediation Foreman	Approval Date:	Expiration Date:
E-mail Address: bblevins@basspet.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <u>8-22-16</u> Phone: 432-214-3704		

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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 CVX JV BS #008H; 2RP#3294	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner: Federal	API No. 30-015-39508
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LOCATION OF RELEASE

Unit Letter N	Section 14	Township 25S	Range 30E	Feet from the 300	North/South Line South	Feet from the 1980	East/West Line West	County Eddy
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Latitude: N 32.124005° Longitude: W 103.853969°

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 234 barrels	Volume Recovered: 190 barrels
Source of Release: cracked head on triplex pump	Date and Hour of Occurrence: 9/21/15 @ 8:00 am	Date and Hour of Discovery: 9/21/15 @ 8:44 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher via email	
By Whom? Bradley Blevins	Date and Hour: 9/21/15 @ 10:52 am	
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.*

BOPCO EHS was notified of a release that occurred when the head on the triplex pump cracked. Produced water was released to the pump containment causing the containment to overflow to the well pad.

Describe Area Affected and Cleanup Action Taken.*

A vacuum truck was called to the location and was able to recover 190 barrels of the fluid. (186 barrels from the containment and 4 barrels PW from the ground). Samples were collected, and based on laboratory analytical data and NMOCD approval: the contaminated soil was excavated and hauled to a state approved disposal facility and the excavation 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.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Bradley Blevins	Approved by Environmental Specialist:	
Title: Assistant Remediation Foreman	Approval Date:	Expiration Date:
E-mail Address: bblevins@basspet.com	Conditions of Approval:	Attached <input type="checkbox"/>
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