



22 October 2015

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

RE: Final Closure Report  
Vanguard – Water Disposal Line  
UL-P, Section 12, Township 20 South, Range 29 East  
Eddy County, New Mexico  
NMOCD Reference # 2RP 3098

Mr. Bratcher:

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

**Background Information:**

The poly disposal line failed due to vehicle traffic. The line was repaired and moved. The spill impacted approximately 18,500 sq. ft. of lease road. A vacuum truck was brought in and picked up approximately 5 bbls of water.

**Remediation Activities:**

EPI personnel mobilized on the site on May 27, 2015 to collect soil samples via hand auger to determine the vertical extent of contamination. A total of fifteen (15) soil samples were collected from five (5) sample locations; SP1 – SP5. All samples were field tested for organic vapors and chloride concentrations. Soil samples were placed in self-sealing polyethylene bags and allowed to equilibrate to ~70° F. Soil samples were tested for organic vapors utilizing a Mini-Rae™ Photoionization Detector (PID) equipped with a 10.6 electron-volt (eV) lamp calibrated for benzene response. Chloride concentrations were determined via use of a LaMotte Chloride Kit (Titration Method). All samples were placed on ice and transported to Cardinal Labs in Hobbs, New Mexico and tested for Chloride concentrations. Laboratory results indicated the release area to be void of Chloride concentrations in excess of NMOCD Recommended Remedial Action Levels (RRALs) of 250 mg/Kg in all samples except SP1 at one (1) foot bgs (reference *Figure 3* and *Table 2*).

From May 27 – 28, 2015, the lease road was scraped to a depth of approximately six (6) inches bgs; the area of SP1 was excavated to a depth of approximately two (2) feet bgs. Approximately 303 tons of contaminated soil was excavated and hauled to a state approved facility for disposal.

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**Closure Activities:**

As the release area is located on an active lease road, the area scraped up and the excavation at SP1, were backfilled with approximately 303 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 lease road 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. JT Terry at (432) 362-2209 or via e-mail at [jterry@vnrlc.com](mailto:jterry@vnrlc.com). All official communication should be addressed to:

Mr. JT Terry  
Vanguard  
4001 Penbrook, Suite 201  
Odessa, Texas 79762

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez  
Environmental Consultant

cc: JT Terry, Production Foreman – Vanguard  
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 – Copy of Initial NMOCD Form C-141, Final C-141

## FIGURES

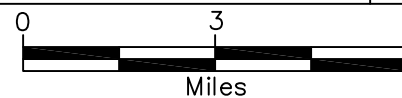


Figure 1  
Area Map  
Vanguard  
Water Disposal Line

Eddy County, New Mexico  
SE 1/4 of SE 1/4, Sec. 12, T20S, R29E  
N 32° 34' 53.80" W 104° 1' 18.48"  
Elevation: 3,328 feet amsl

DWG By: D Dominguez  
May 2015

REVISED:



SHEET  
1 of 1

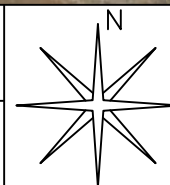




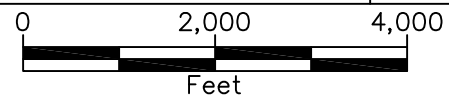


Figure 2  
Site Location Map  
Vanguard  
Water Disposal Line

Eddy County, New Mexico  
SE 1/4 of SE 1/4, Sec. 12, T20S, R29E  
N 32° 34' 53.80" W 104° 1' 18.48"  
Elevation: 3,328 feet amsl

DWG By: D Dominguez  
May 2015

REVISED:



SHEET  
1 of 1

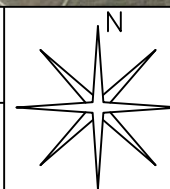




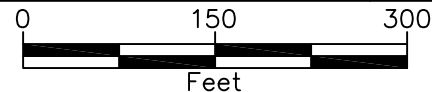


Figure 3  
Site/Sample Map  
Vanguard  
Water Disposal Line

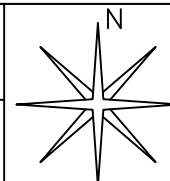
Eddy County, New Mexico  
SE 1/4 of SE 1/4, Sec. 12, T20S, R29E  
N 32° 34' 53.80" W 104° 1' 18.48"  
Elevation: 3,328 feet amsl

DWG By: D Dominguez  
May 2015

REVISED:



SHEET  
1 of 1





## **TABLES**

**TABLE 1**  
**Well Data**  
**Vanguard - Water Disposal Line**

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	CP 00740	PRO	3	YATES PETROLEUM CORP.	2	3	3	12	20S	29E	590669	3605509	19-Feb-89	3,329	--
2	CP 00745	PRO	0	YATES PETROLEUM	4	1	3	12	20S	29E	590653	3605782	09-Dec-89	3,329	--
3	CP 00832	PLS	3	SNYDER RANCHES		2	3	12	20S	29E	590971	3605815	--	3,328	--
4	CP 01111	PRO	0	CONCHO OIL AND GAS	4	1	3	12	20S	29E	590653	3605782	09-Dec-89	3,329	--
5	CP 01112	PRO	0	CONCHO OIL & GAS	4	1	3	12	20S	29E	590653	3605782	09-Dec-89	3,329	--
6	CP 01113	PRO	0	BUREAU OF LAND MANAGEMENT	4	1	3	12	20S	29E	590653	3605782	09-Dec-89	3,329	--
7	CP 00834	PLS	3	SNYDER RANCHES		2	3	6	20S	30E	592566	3607436	--	3,225	--

\* = Data obtained from the New Mexico Office of the State Engineer Website ([http://iwaters.ose.state.nm.us:7001/iWATERS/wr\\_RegisServlet1](http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1)) and USGS Database

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

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

PRO = 72-12-1 Prospecting or development of Natural Resource

PLS = Non 72-12-1 Livestock watering

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

-- = Data not provided on the NM iwaters website



**TABLE 2**  
**Summary of Soil Sample Field Testing and Laboratory Analytical Results**  
**Vanguard**  
**Water Disposal Line**

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	1	Excavated	27-May-15	33.6	960	--	--	--	--	--	--	--	--	848
	2	Excavated	27-May-15	18.9	240	--	--	--	--	--	--	--	--	224
	3	In-Situ	27-May-15	13.2	240	--	--	--	--	--	--	--	--	96
SP2	1	In-Situ	27-May-15	9.4	240	--	--	--	--	--	--	--	--	<16.0
	2	In-Situ	27-May-15	10.2	80	--	--	--	--	--	--	--	--	32
	3	In-Situ	27-May-15	13.7	80	--	--	--	--	--	--	--	--	<16.0
SP3	1	In-Situ	27-May-15	8.0	320	--	--	--	--	--	--	--	--	<16.0
	2	In-Situ	27-May-15	10.2	80	--	--	--	--	--	--	--	--	<16.0
	3	In-Situ	27-May-15	9.1	80	--	--	--	--	--	--	--	--	<16.0
SP4	1	In-Situ	27-May-15	7.5	400	--	--	--	--	--	--	--	--	32
	2	In-Situ	27-May-15	6.3	240	--	--	--	--	--	--	--	--	16
	3	In-Situ	27-May-15	4.8	80	--	--	--	--	--	--	--	--	16
SP5	1	In-Situ	27-May-15	6.6	800	--	--	--	--	--	--	--	--	32
	2	In-Situ	27-May-15	5.8	560	--	--	--	--	--	--	--	--	80
	3	In-Situ	27-May-15	9.3	80	--	--	--	--	--	--	--	--	32
NMOCD Recommended Remedial Action Levels				100		10				50			100	250

-- = 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 – Northwest view over release area



Photograph #2 – Northerly view across release area





Photograph #3 – Looking north across release area



Photograph #4 – Looking north across release area



Photograph #5 – Lease road after surface scraping



Photograph #6 – Lease road after surface scraping





Photograph #7 – Lease road after surface scraping



Photograph #8 – Lease road after surface scraping



Photograph #9 – Excavated area



Photograph #10 – Backfilled area





Photograph #11 – Backfilled area



Photograph #12 – Backfilled area





Photograph #13 – Backfilled area



Photograph #14 – Backfilled area

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



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

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June 02, 2015

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: WATER DISPOSAL LINE

Enclosed are the results of analyses for samples received by the laboratory on 05/28/15 15:56.

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 "Celey D. Keene". The signature is written in a cursive, flowing style.

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: 05/28/2015  
 Reported: 06/02/2015  
 Project Name: WATER DISPOSAL LINE  
 Project Number: NONE GIVEN  
 Project Location: UL-P SEC. 12, T20S, R29E

 Sampling Date: 05/27/2015  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP 1 (1') (H501347-01)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	06/01/2015	ND	416	104	400	0.00	

**Sample ID: SP 1 (2') (H501347-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	06/01/2015	ND	416	104	400	0.00	

**Sample ID: SP 1 (3') (H501347-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/01/2015	ND	416	104	400	0.00	

**Sample ID: SP 2 (1') (H501347-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	400	100	400	3.92	

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: 05/28/2015  
Reported: 06/02/2015  
Project Name: WATER DISPOSAL LINE  
Project Number: NONE GIVEN  
Project Location: UL-P SEC. 12, T20S, R29E

Sampling Date: 05/27/2015  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Jodi Henson

**Sample ID: SP 2 (2') (H501347-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/01/2015	ND	400	100	400	3.92	

**Sample ID: SP 2 (3') (H501347-06)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	400	100	400	3.92	

**Sample ID: SP 3 (1') (H501347-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	400	100	400	3.92	

**Sample ID: SP 3 (2') (H501347-08)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	400	100	400	3.92	

**Sample ID: SP 3 (3') (H501347-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/01/2015	ND	400	100	400	3.92	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received: 05/28/2015  
Reported: 06/02/2015  
Project Name: WATER DISPOSAL LINE  
Project Number: NONE GIVEN  
Project Location: UL-P SEC. 12, T20S, R29E

Sampling Date: 05/27/2015  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Jodi Henson

**Sample ID: SP 4 (1') (H501347-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/01/2015	ND	400	100	400	3.92	

**Sample ID: SP 4 (2') (H501347-11)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/01/2015	ND	400	100	400	3.92	

**Sample ID: SP 4 (3') (H501347-12)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/01/2015	ND	400	100	400	3.92	

**Sample ID: SP 5 (1') (H501347-13)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/01/2015	ND	400	100	400	3.92	

**Sample ID: SP 5 (2') (H501347-14)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/01/2015	ND	400	100	400	3.92	

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Received: 05/28/2015  
Reported: 06/02/2015  
Project Name: WATER DISPOSAL LINE  
Project Number: NONE GIVEN  
Project Location: UL-P SEC. 12, T20S, R29E

Sampling Date: 05/27/2015  
Sampling Type: Soil  
Sampling Condition: \*\* (See Notes)  
Sample Received By: Jodi Henson

**Sample ID: SP 5 (3') (H501347-15)****Chloride, SM4500Cl-B****mg/kg****Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>32.0</b>	16.0	06/01/2015	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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---

Celey D. Keene, Lab Director/Quality Manager

# Environmental Plus, Inc.


2100 Avenue O, Eunice, NM 88231  
(575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

## Chain of Custody Form

LAB **Cardinal**

Page 7 of 8

Company Name		Environmental Plus, Inc.		Bill To										ANALYSIS REQUEST														
EPI Project Manager		Daniel Dominguez		 <p>Attn: Daniel Dominguez P.O. Box 1558 Eunice, NM 88231</p>																								
Mailing Address		P.O. BOX 1558																										
City, State, Zip		Eunice New Mexico 88231																										
EPI Phone#/Fax#		575-394-3481 / 575-394-2601																										
Client Company		Vanguard																										
Facility Name		Water Disposal Line																										
Location		UL-P Sec. 12, T20S, R29E																										
Project Reference																												
EPI Sampler Name		Dustin Crockett																										
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.		SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl <sup>-</sup> )	SULFATES (SO <sub>4</sub> <sup>2-</sup> )	pH	TCLP	OTHER >>>	PAH						
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME														
H501347																												
	1 SP1 (1')	G	1			X						X		27-May-15	10:05			X										
	2 SP1 (2')	G	1			X						X		27-May-15	10:10			X										
	3 SP1 (3')	G	1			X						X		27-May-15	10:15			X										
	4 SP2 (1')	G	1			X						X		27-May-15	10:25			X										
	5 SP2 (2')	G	1			X						X		27-May-15	10:30			X										
	6 SP2 (3')	G	1			X						X		27-May-15	10:35			X										
	7 SP3 (1')	G	1			X						X		27-May-15	10:40			X										
	8 SP3 (2')	G	1			X						X		27-May-15	10:45			X										
	9 SP3 (3')	G	1			X						X		27-May-15	10:50			X										
	10 SP4 (1')	G	1			X						X		27-May-15	10:55			X										
Sampler Relinquished:		Date: 5/28/15 Time: 1:40pm		Received By: <i>Daniel Dominguez</i>										E-mail results to: ddominguezepi@gmail.com & jerry@vnrlc.com														
Relinquished by: <i>Dustin Crockett</i>		Date: 5-28-15 Time: 3:56pm		Received By: (lab staff) <i>Jodi Benson</i>										NOTES:														
Delivered by: <i>Dustin Crockett</i>		17.8°C		Sample Cool & Intact Yes No										Checked By: <i>JH</i>														

#54



# Environmental Plus, Inc.


2100 Avenue O, Eunice, NM 88231  
(575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

## Chain of Custody Form

LAB **Cardinal**

Page 8 of 8

Company Name		Environmental Plus, Inc.		Bill To				ANALYSIS REQUEST															
EPI Project Manager		Daniel Dominguez		 <p>Attn: Daniel Dominguez P.O. Box 1558 Eunice, NM 88231</p>																			
Mailing Address		P.O. BOX 1558																					
City, State, Zip		Eunice New Mexico 88231																					
EPI Phone#/Fax#		575-394-3481 / 575-394-2601																					
Client Company		Vanguard																					
Facility Name		Water Disposal Line																					
Location		UL-P Sec. 12, T20S, R29E																					
Project Reference																							
EPI Sampler Name		Dustin Crockett																					
LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl <sup>-</sup> )	SULFATES (SO <sub>4</sub> <sup>2-</sup> )	pH	TCCLP	OTHER >>>	PAH		
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE									TIME	
H501347																							
11	SP4 (2')	G	1			X					X		27-May-15	11:00			X						
12	SP4 (3')	G	1			X					X		27-May-15	11:05			X						
13	SP5 (1')	G	1			X					X		27-May-15	11:10			X						
14	SP5 (2')	G	1			X					X		27-May-15	11:15			X						
15	SP5 (3')	G	1			X					X		27-May-15	11:20			X						
16																							
17																							
18																							
19																							
20																							

Sampler Relinquished:	Date: 5/28/15	Received By:	E-mail results to: ddominguezepi@gmail.com & jerry@vnrlc.com
<i>Dustin Crockett</i>	Time: 7:00am	<i>Daniel Dominguez</i>	NOTES:
Relinquished by:	Date: 5-28-15	Received By: (lab staff)	
<i>Daniel Dominguez</i>	Time: 3:56pm	<i>Jodi Benson</i>	
Delivered by:	17.80°C	Sample Cool & Intact Yes No	Checked By: <i>JH</i>

#54

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

# NM OIL CONSERVATION

ARTESIA DISTRICT

JUL 01 2015

RECEIVED

Form C-141  
Revised August 8, 2011

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

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

## PAB1519434694 Release Notification and Corrective Action

NAB1519434927

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Vanguard	Contact: JT Terry
Address: 4001 Penbrook, Suite 201, Odessa, Texas 79762	Telephone No. 432-362-2209
Facility Name: Water Disposal Line	Facility Type: polyline

Surface Owner: Federal	Mineral Owner: Federal	API No.
------------------------	------------------------	---------

### LOCATION OF RELEASE

Unit Letter P	Section 12	Township 20S	Range 29E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
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Latitude: N 32.581612° Longitude: W 104.021801°

### NATURE OF RELEASE

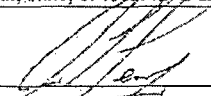
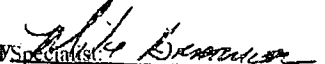
Type of Release: produced water	Volume of Release: 10 bbls	Volume Recovered: 5 bbls
Source of Release: disposal line	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: unknown
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> 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.\*  
The poly disposal line failed due to vehicle traffic. The line was repaired and moved.

Describe Area Affected and Cleanup Action Taken.\* The spill impacted approximately 18,500 sq. ft. of lease road. A vacuum truck was brought in and picked up approximately 5 bbls of water. The area will be remediated in accordance to the NMOCD and BLM guidelines for spill remediation.

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: JT Terry	Approved by Environmental Specialist: 	
Title: Production Foreman	Approval Date: 7/13/15	Expiration Date: N/A
E-mail Address: jterry@vnrllc.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date:	Phone: 432-362-2209	Mediation per O.C.D. Rules & Guidelines

\* Attach Additional Sheets If Necessary

SUBMIT REMEDIATION PROPOSAL NO  
LATER THAN: 8/13/15

28P-3008



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

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## Release Notification and Corrective Action

### OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Vanguard	Contact: JT Terry
Address: 4001 Penbrook, Suite 201, Odessa, Texas 79762	Telephone No. 432-362-2209
Facility Name: Water Disposal Line	Facility Type: polyline

Surface Owner: Federal	Mineral Owner: Federal	API No.
------------------------	------------------------	---------

### LOCATION OF RELEASE

Unit Letter P	Section 12	Township 20S	Range 29E	Feet from the	North/South Line	Feet from the	East/West Line	County Eddy
------------------	---------------	-----------------	--------------	---------------	------------------	---------------	----------------	----------------

Latitude: N 32.581612° Longitude: W 104.021801°

### NATURE OF RELEASE

Type of Release: produced water	Volume of Release: 10 bbls	Volume Recovered: 5 bbls
Source of Release: disposal line	Date and Hour of Occurrence: unknown	Date and Hour of Discovery: unknown
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input 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	

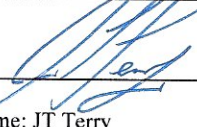
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Signature: 		<u>OIL CONSERVATION DIVISION</u>	
Printed Name: JT Terry		Approved by Environmental Specialist:	
Title: Production Foreman	Approval Date:	Expiration Date:	
E-mail Address: jterry@vnrlc.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date:	Phone: 432-362-2209		

\* Attach Additional Sheets If Necessary