



APPROVED

7 May 2016

Mr. Jamie Keyes
Environmental Specialist
NMOCD
1625 North French Drive
Hobbs, New Mexico 88240

RE: Final Closure Report
Vanguard – Elliott B Federal
UL-I, Section 6, Township 22 South, Range 37 East
Lea County, New Mexico
NMOCD Reference # 1RP 4177

Mr. Keyes:

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

Background Information:

The water transfer pump failed and the tanks were run over with fluid. Vacuum trucks were called in to draw up standing fluid. The spill impacted approximately 16,500 sq. ft. of lease road. The majority of water and oil was contained within the berms. However, the containment was run over on the north end releasing an unknown amount of water and oil. Vacuum trucks collected approximately 1,150 bbls of water and oil from within containment and the lease road.

Remediation Activities:

From February 8 – 18, 2016 the release area was excavated. The area within the berm and on the pad was scraped up. The release area on the lease road was excavated to a depth of approximately one (1) foot bgs, where samples SP1 – SP3 were collected. The southern end of the lease road release area was excavated to a depth of approximately three (3) feet bgs, where sample SP4 was collected. All excavated soil has been placed on plastic and will be hauled to a state approved facility for disposal.

On February 23, 2016 EPI personnel mobilized on site to collect soil samples. A total of five (5) soil samples were collected from four (4) sample locations; SP1 – SP4. All samples were sent to Cardinal Labs for testing. Laboratory analytical results indicate the excavation 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, 1,000 mg/Kg and 500 mg/Kg, respectively (reference Figure 3 and Table 2).

Closure Activities:

Based on laboratory analytical data, and with NMOCD approval, the excavation has been backfilled with clean soil. All soil is free of rocks, clumps, or deleterious material.

Backfilling continued until the entire excavation was closed. Upon completion of backfill activities, the entire disturbed area was contoured to blend with existing pad and lease road 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. JT Terry at (432) 362-2209 or via e-mail at 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

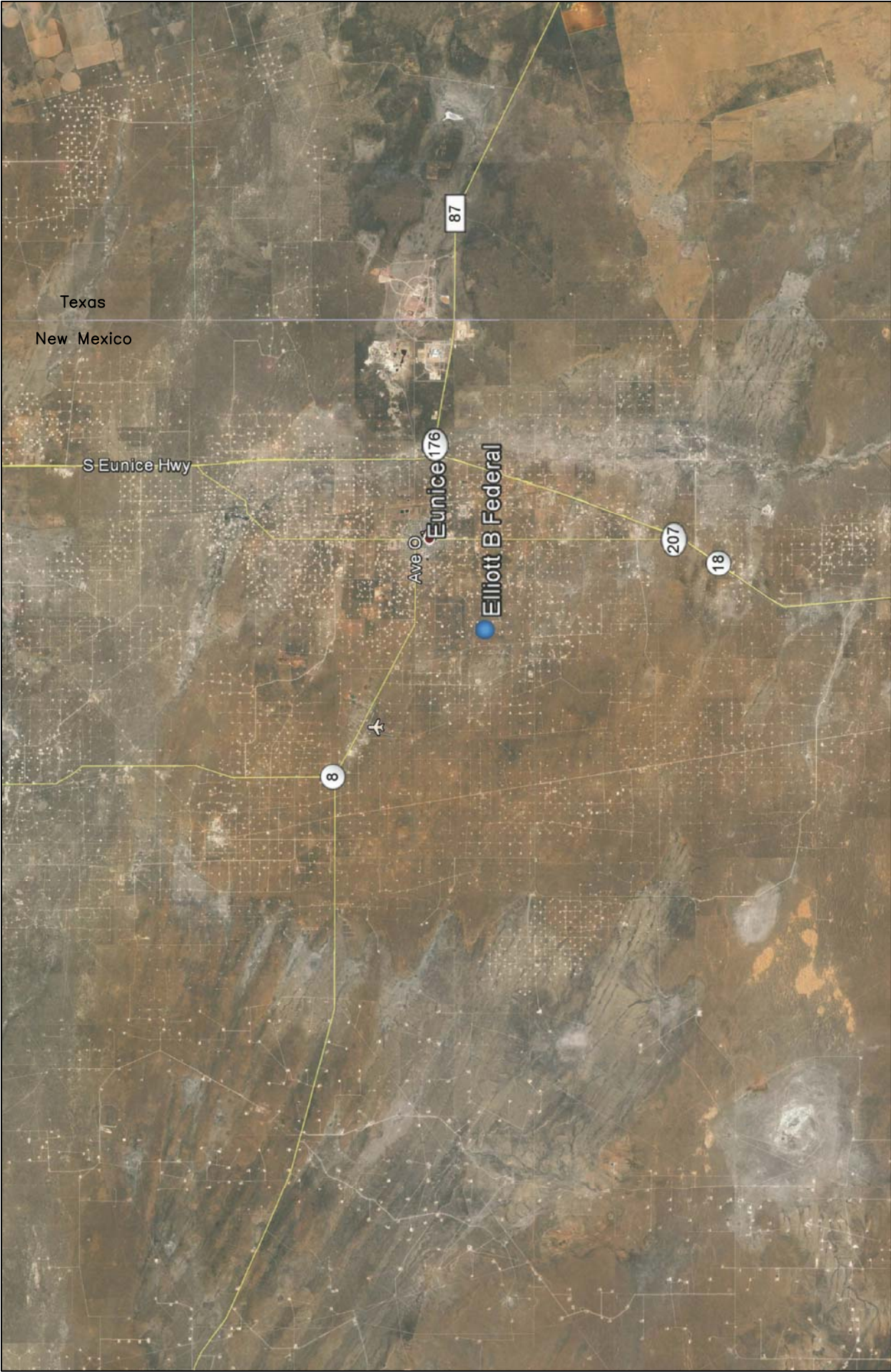
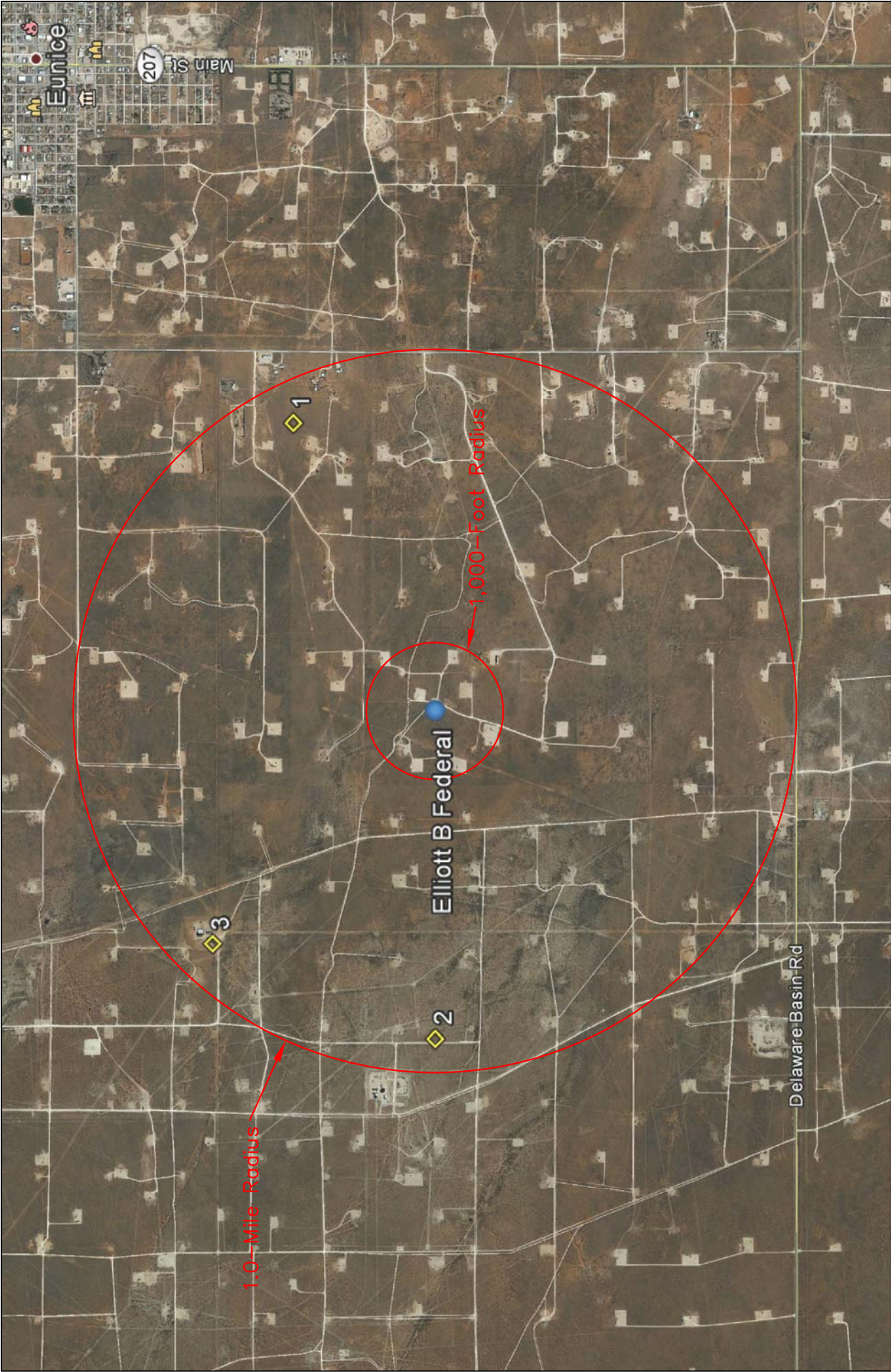
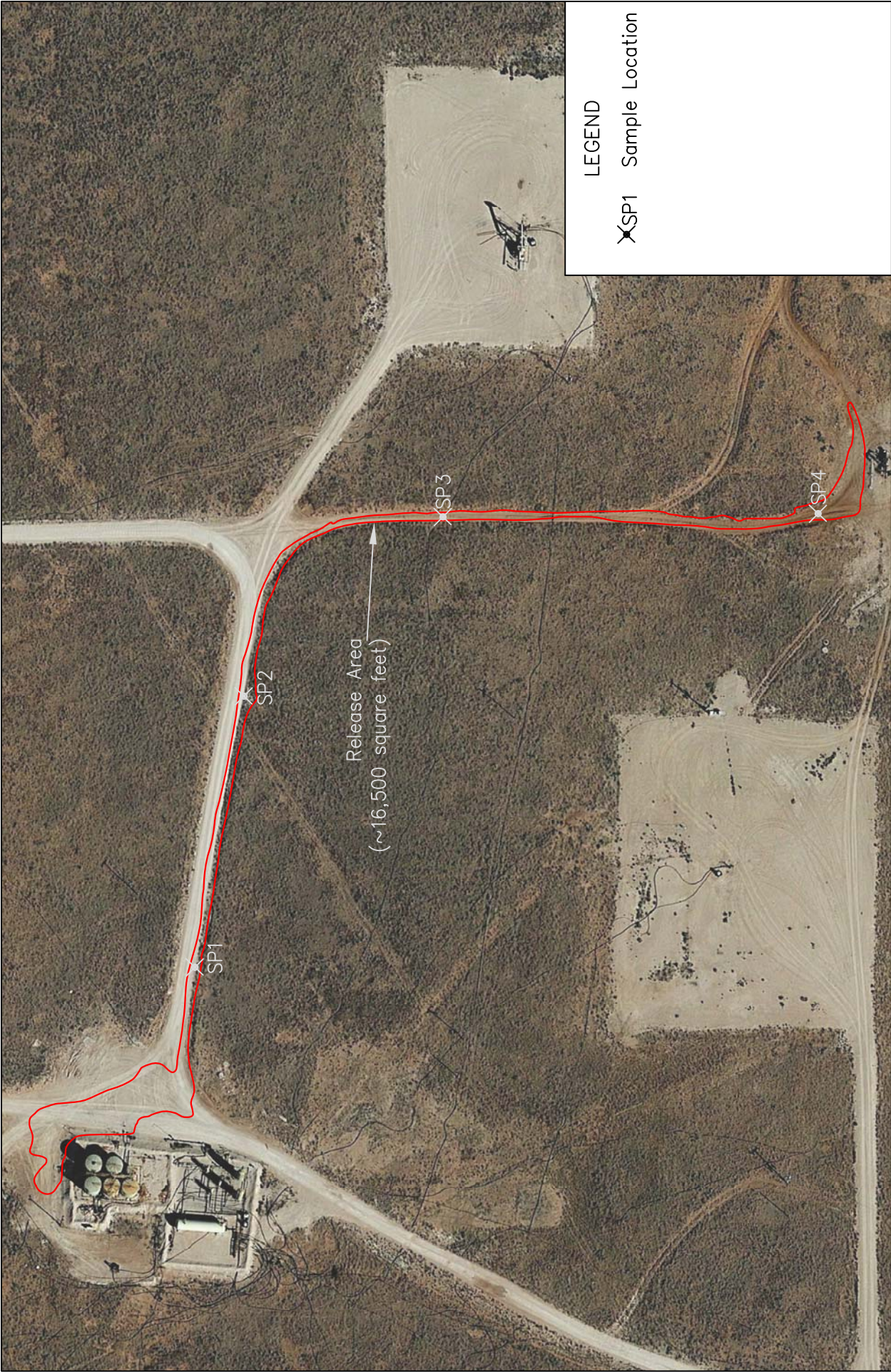


Figure 1 Area Map Vanguard Elliott B Federal	Lea County, New Mexico NE 1/4 of SE 1/4, Sec. 6, T22S, R37E N 32° 25' 2.41" W 103° 11' 52.22" Elevation: 3,446 feet amsl		DWG By: D Dominguez February 2016	REVISED:	 SHEET 1 of 1
			 Miles		



<p>Figure 2 Site Location Map Vanguard Elliott B Federal</p>	<p>Lea County, New Mexico NE 1/4 of SE 1/4, Sec. 6, T22S, R37E N 32° 25' 2.41" W 103° 11' 52.22" Elevation: 3,446 feet amsl</p>	<p>DWG By: D Dominguez February 2016</p> <p>REVISD:</p> <table><tr><td>0</td><td>2,000</td><td>4,000</td><td>SHEET</td></tr><tr><td colspan="3"></td><td>1 of 1</td></tr><tr><td colspan="4">Feet</td></tr></table>	0	2,000	4,000	SHEET				1 of 1	Feet				
0	2,000	4,000	SHEET												
			1 of 1												
Feet															



LEGEND

X

SP1

Sample Location

DWG By: D Dominguez
February 2016

REVISED:

0 125 250
Feet

SHEET
1 of 1

N

Lea County, New Mexico
NE 1/4 of SE 1/4, Sec. 6, T22S, R37E
N 32° 25' 2.41" W 103° 11' 52.22"
Elevation: 3,446 feet amsl

Figure 3
Site/Sample Map
Vanguard
Elliott B Federal

TABLES

TABLE 1

Well Data

Vanguard - Elliott B Federal

Ref #	Well Number	Use	Diversion ^A	Owner	q64	q16	q4	Sec	Twsp	Rng	Easting	Northing	Date Measured	Surface Elevation ^B	Depth to Water (ft bgs)
1	CP 00666	DOM	3	LARRY HENSON			2	5	22S	37E	671055	3588939	27-Aug-84	3,448	79
2	L 09966	PRO	0	DELTA DRILLING	1	2	2	2	17S	37E	667627	3588089	25-Nov-87	3,505	70
3	CP 01448	MON	0	REGENCY ENERGY PARTNERS	4	4	4	36	21S	36E	668136	3589337	05-Jan-15	3,486	--

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

^A = In acre feet per annum

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

DOM = 72-12-1 Domestic one household

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

MON = Monitoring Well

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
Elliott B Federal

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	In-Situ	23-Feb-16	3.3	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SP2	1	In-Situ	23-Feb-16	0.4	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	32
SP3	1	In-Situ	23-Feb-16	2.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SP4	1	Excavated	23-Feb-16	286	160	<0.050	0.109	2.36	7.25	9.72	306	3,220	3,526	128
	3	In-Situ	23-Feb-16	31.6	40	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
NMOCD Recommended Remedial Action Levels						10				50			1,000	500

-- = 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 – Release with in containment berm.



Photograph #2 – Northerly view over release area.



Photograph #3 – Looking north across release area.



Photograph #4 – Looking east across release area.



Photograph #5 – Looking south across release area.



Photograph #6 – Looking south across release area.



Photograph #7 – Excavated



Photograph #8 – Excavated



Photograph #9 – Excavated



Photograph #10 – Excavated



Photograph #11 – Excavated



Photograph #12 – Excavated



Photograph #13 – Backfilled



Photograph #14 – Backfilled



Photograph #15 – Backfilled



Photograph #16 – Backfilled



Photograph #17 – Backfilled



Photograph #18 – Backfilled

ATTACHMENT II
Laboratory Analytical Results



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

March 04, 2016

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: ELLIOTT B FEDERAL

Enclosed are the results of analyses for samples received by the laboratory on 03/02/16 15:26.

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". 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: 03/02/2016
Reported: 03/04/2016
Project Name: ELLIOTT B FEDERAL
Project Number: NONE GIVEN
Project Location: UL-1, SEC. 6, T22S, R37E

Sampling Date: 02/26/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (1') (H600471-01)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2016	ND	2.04	102	2.00	0.850	
Toluene*	<0.050	0.050	03/03/2016	ND	2.00	99.8	2.00	0.844	
Ethylbenzene*	<0.050	0.050	03/03/2016	ND	1.79	89.5	2.00	0.0755	
Total Xylenes*	<0.150	0.150	03/03/2016	ND	5.43	90.5	6.00	0.845	
Total BTX	<0.300	0.300	03/03/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	03/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	03/03/2016	ND	203	101	200	1.31	
DRO >C10-C28	<50.0	50.0	03/03/2016	ND	231	116	200	10.5	

Surrogate: 1-Chlorooctane 94.3 % 35-147

Surrogate: 1-Chlorooctadecane 109 % 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: 03/02/2016
Reported: 03/04/2016
Project Name: ELLIOTT B FEDERAL
Project Number: NONE GIVEN
Project Location: UL-1, SEC. 6, T22S, R37E

Sampling Date: 02/26/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 (1') (H600471-02)

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2016	ND	2.04	102	2.00	0.850	
Toluene*	<0.050	0.050	03/03/2016	ND	2.00	99.8	2.00	0.844	
Ethylbenzene*	<0.050	0.050	03/03/2016	ND	1.79	89.5	2.00	0.0755	
Total Xylenes*	<0.150	0.150	03/03/2016	ND	5.43	90.5	6.00	0.845	
Total BTEx	<0.300	0.300	03/03/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	32.0	16.0	03/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/03/2016	ND	203	101	200	1.31	
DRO >C10-C28	<10.0	10.0	03/03/2016	ND	231	116	200	10.5	

Surrogate: 1-Chlorooctane 105 % 35-147

Surrogate: 1-Chlorooctadecane 115 % 28-171

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

Received: 03/02/2016
Reported: 03/04/2016
Project Name: ELLIOTT B FEDERAL
Project Number: NONE GIVEN
Project Location: UL-1, SEC. 6, T22S, R37E

Sampling Date: 02/26/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 (1') (H600471-03)

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2016	ND	2.04	102	2.00	0.850	
Toluene*	<0.050	0.050	03/03/2016	ND	2.00	99.8	2.00	0.844	
Ethylbenzene*	<0.050	0.050	03/03/2016	ND	1.79	89.5	2.00	0.0755	
Total Xylenes*	<0.150	0.150	03/03/2016	ND	5.43	90.5	6.00	0.845	
Total BTEx	<0.300	0.300	03/03/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	03/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/03/2016	ND	203	101	200	1.31	
DRO >C10-C28	<10.0	10.0	03/03/2016	ND	231	116	200	10.5	

Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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Analytical Results For:

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

Received: 03/02/2016
Reported: 03/04/2016
Project Name: ELLIOTT B FEDERAL
Project Number: NONE GIVEN
Project Location: UL-1, SEC. 6, T22S, R37E

Sampling Date: 02/26/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 (1') (H600471-04)

BTX 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	03/03/2016	ND	2.04	102	2.00	0.850	
Toluene*	0.109	0.100	03/03/2016	ND	2.00	99.8	2.00	0.844	
Ethylbenzene*	2.36	0.100	03/03/2016	ND	1.79	89.5	2.00	0.0755	
Total Xylenes*	7.25	0.300	03/03/2016	ND	5.43	90.5	6.00	0.845	
Total BTX	9.72	0.600	03/03/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 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	128	16.0	03/04/2016	ND	400	100	400	3.92	
TPH 8015M		mg/kg		Analyzed By: CK					
				S-06					

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	306	50.0	03/03/2016	ND	203	101	200	1.31	
DRO >C10-C28	3220	50.0	03/03/2016	ND	231	116	200	10.5	

Surrogate: 1-Chlorooctane 154 % 35-147

Surrogate: 1-Chlorooctadecane 143 % 28-171

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*=Accredited Analyte

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Analytical Results For:

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Eunice NM, 88231
Fax To: (505) 394-2601

Received: 03/02/2016
Reported: 03/04/2016
Project Name: ELLIOTT B FEDERAL
Project Number: NONE GIVEN
Project Location: UL-1, SEC. 6, T22S, R37E

Sampling Date: 02/26/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 (3') (H600471-05)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/03/2016	ND	2.04	102	2.00	0.850	
Toluene*	<0.050	0.050	03/03/2016	ND	2.00	99.8	2.00	0.844	
Ethylbenzene*	<0.050	0.050	03/03/2016	ND	1.79	89.5	2.00	0.0755	
Total Xylenes*	<0.150	0.150	03/03/2016	ND	5.43	90.5	6.00	0.845	
Total BTX	<0.300	0.300	03/03/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	03/04/2016	ND	384	96.0	400	8.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/03/2016	ND	203	101	200	1.31	
DRO >C10-C28	<10.0	10.0	03/03/2016	ND	231	116	200	10.5	

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 100 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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

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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody Form

LAB Cardinal

ANALYSIS REQUEST

[illegible][illegible]

E-mail results to: ddominguezepi@gmail.com & jjerry@vnrllc.com

4

10/11/20

Checked By:

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

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: Elliott B Federal	Facility Type: Battery
Surface Owner: Vanguard	Mineral Owner: API No. 30-025-10076

LOCATION OF RELEASE

Unit Letter I	Section 6	Township 22S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Latitude: N 32.417329° Longitude: W 103.197841°

NATURE OF RELEASE

Type of Release: produced water and oil	Volume of Release: ~1,200 bbls	Volume Recovered: ~1,150 bbls
Source of Release: tanks overrun	Date and Hour of Occurrence: 2-4-16 @ unknown	Date and Hour of Discovery: 2-5-16 @ unknown
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Kellie Jones, OCD	
By Whom? EPI	Date and Hour: 2-5-16 @ 12:21 pm	
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		

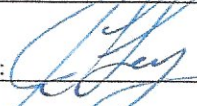

Describe Cause of Problem and Remedial Action Taken.*

The water transfer pump failed and the tanks were run over with fluid. Vacuum trucks were called in to draw up standing fluid.

Describe Area Affected and Cleanup Action Taken.*

The spill impacted approximately 16,500 sq. ft. of lease road. The majority of the water and oil was contained within the berms. However the containment was run over on the north end releasing an unknown amount of water and oil. Vacuum trucks collected approximately 1,150 bbls of water and oil from within containment and the lease road. The stained soil has been scraped up and placed on plastic.

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: 02/10/2016	Expiration Date: 04/10/2016
E-mail Address: jterry@vnrlc.com	Conditions of Approval: Discrete site samples only. Delineate and remediate per NMOCD guidelines.	
Date: 2-9-16 Phone: 432-362-2209	Attached <input type="checkbox"/> IRP 4177	

* Attach Additional Sheets If Necessary

nJXK1604153386
pJXK1604153531

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.

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OPERATOR

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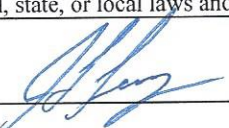

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Facility Name: Elliott B Federal; IRP #4177	Facility Type: Battery	
Surface Owner: Vanguard	Mineral Owner:	API No. 30-025-10076

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Describe Cause of Problem and Remedial Action Taken.* The water transfer pump failed and the tanks were run over with fluid. Vacuum trucks were called in to draw up standing fluid.		
Describe Area Affected and Cleanup Action Taken.* The spill impacted approximately 16,500 sq. ft. of lease road. The majority of the water and oil was contained within the berms. However, the containment was run over on the north end releasing an unknown amount of water and oil. Vacuum trucks collected approximately 1,150 bbls of water and oil from within containment and the lease road. Contaminated soil was excavated and hauled to a state approved disposal facility and samples were collected. Based on laboratory analytical data and NMOCD approval the excavation has been backfilled with clean soil.		
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Signature: 	OIL CONSERVATION DIVISION	
Printed Name: JT Terry	Approved by Environmental Specialist: 	
Title: Production Foreman	Approval Date: 05/16/2016	Expiration Date: ///
E-mail Address: jterry@vnrlc.com	Conditions of Approval: Ensure BLM concurrence/approval.	Attached <input type="checkbox"/> IRP 4177
Date:	Phone: 432-362-2209	

* Attach Additional Sheets If Necessary

Elliott B Federal Tank Battery Liner

Vanguard









