



APPROVED

9 March 2016

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

RE: Final Closure Report
Chevron – WDDU Tank Battery
UL-D, Section 32, Township 24 South, Range 38 East
Lea County, New Mexico
NMOCD Reference # 1RP-3805

Mr. Keyes:

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

Background Information:

Dresser sleeve failure due to end flange corrosion caused 60.25 bbls of produced water and 4.46 bbls of oil to leak to ground. Caliche pad and field outside of battery affected.

Remediation Activities:

The release area has been excavated to a depth of approximately six (6) feet bgs. Contaminated material was excavated and transported to a state approved facility for disposal.

On October 13, 2015 ten (10) soil samples were collected from ten (10) sample locations; SW1 – SW7 and BH1 – BH3. All samples were sent to Cardinal Labs in Hobbs, New Mexico for testing. Laboratory analytical results indicate the excavated area is void of Benzene, BTEX, TPH and Chloride concentrations in excess of NMOCD Recommended Remedial Action Levels (RRALs) of 10 mg/Kg, 50 mg/Kg, 5,000 mg/Kg, and 1,000 mg/Kg respectively (reference *Figure 3* and *Table 2*).

Closure Activities:

Based on laboratory analytical data indicating the excavation is void of contamination in excess of NMOCD RRALs, and with NMOCD approval the excavation has been backfilled with clean soil. Selected clean soil is free of deleterious material or rocks or large clumps.

Backfilling continued until the entire excavation was closed. Upon completion of backfill activities, the entire disturbed area was contoured to blend with existing pad location and pasture area, and protected against wind/water erosion.

ENVIRONMENTAL PLUS, INC.



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. Nick Hampton at (575) 704-3143 or via e-mail at nick.hampton@chevron.com. All official communication should be addressed to:

Mr. Nick Hampton
Chevron N.A. Exploration Production Co.
56 Texas Camp Road
Lovington, NM 88260

Sincerely,

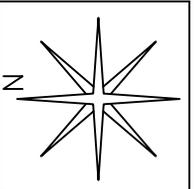
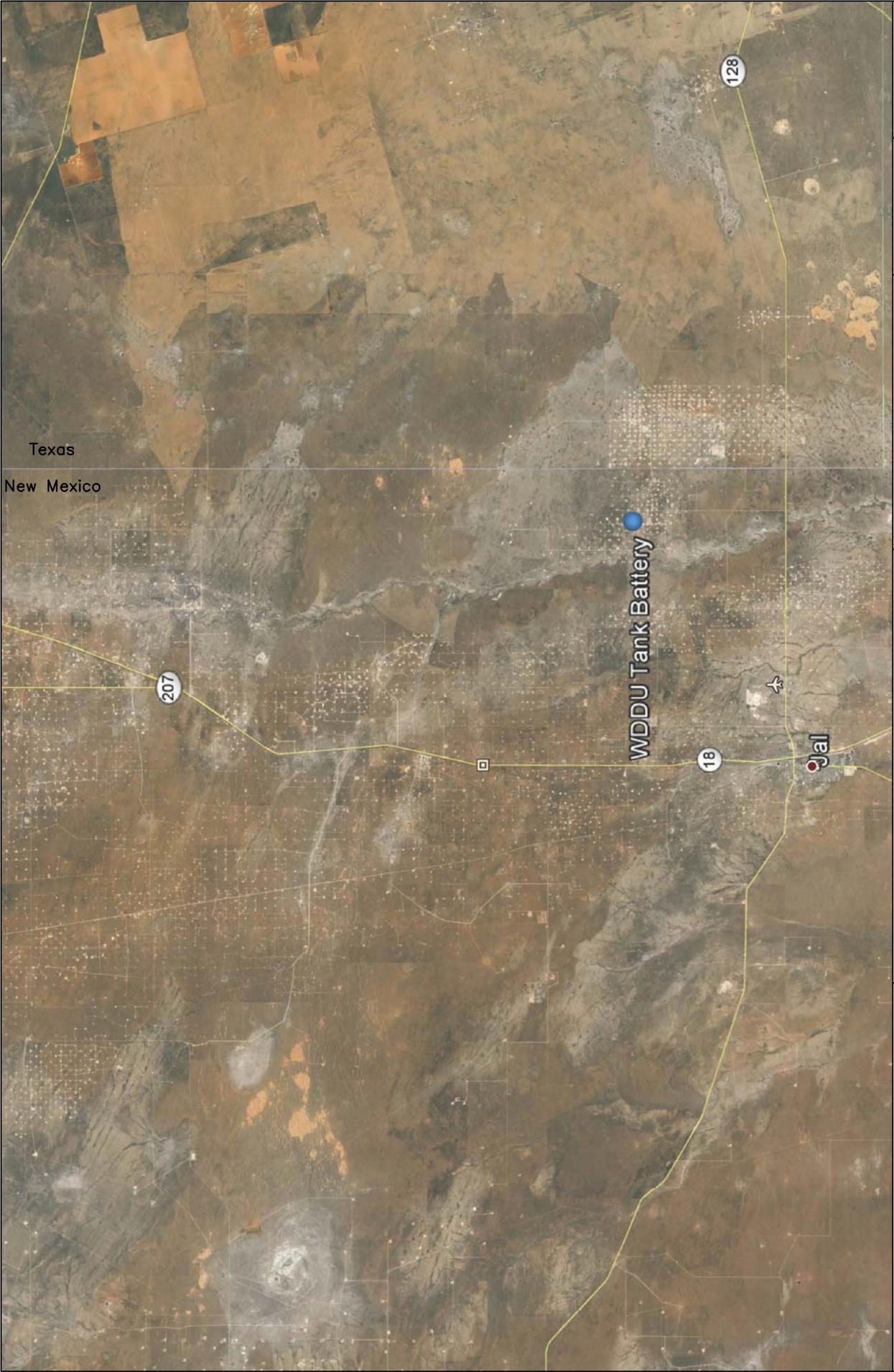
ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

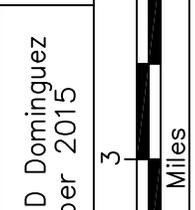
cc: Nick Hampton, HE Specialist – Chevron
File

Encl.: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Sample/Site 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



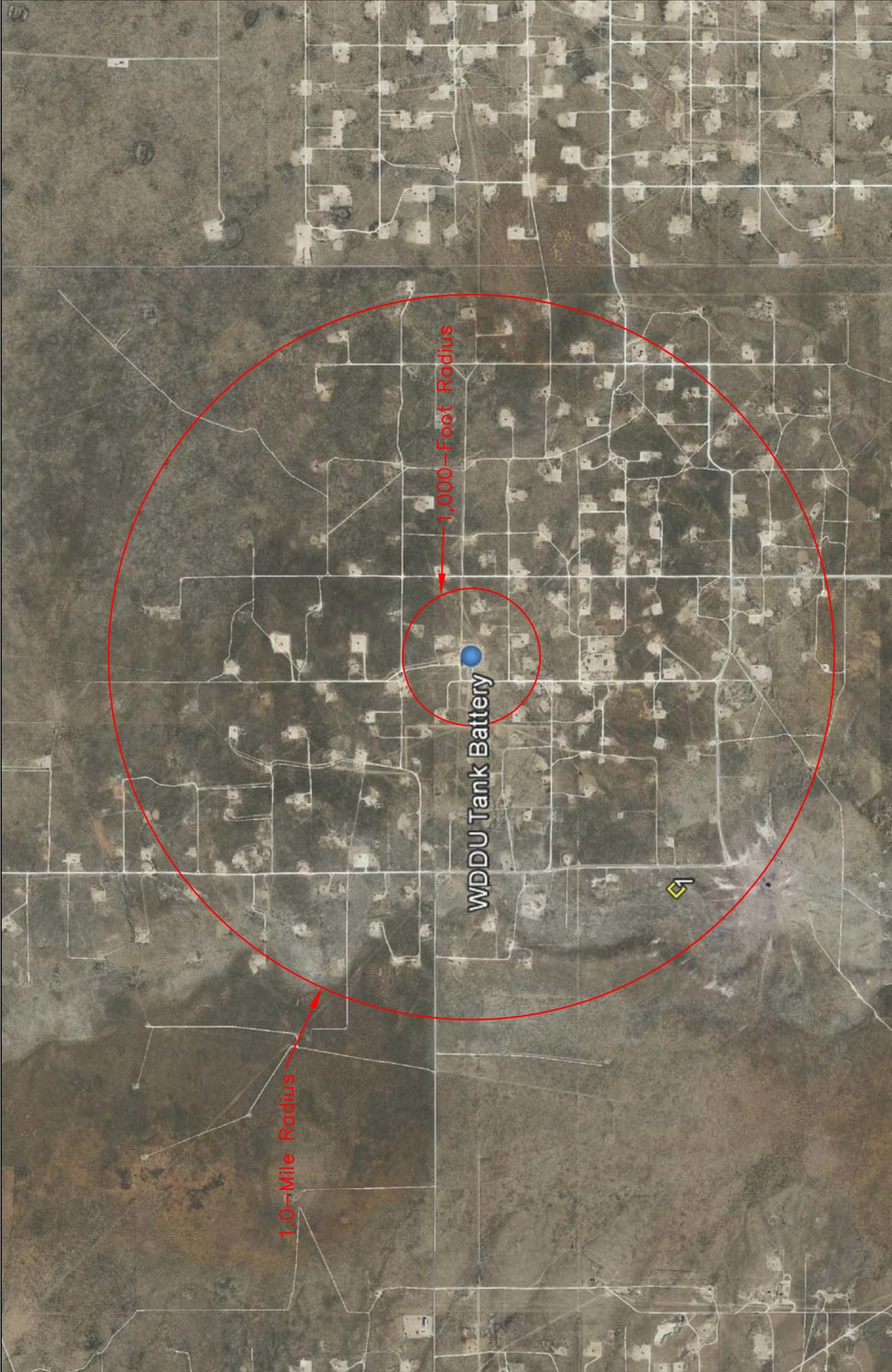
REVISED:
SHEET
1 of 1



DWG By: D Dominguez
October 2015

Lea County, New Mexico
NW 1/4 of NW 1/4, Sec. 32, T24S, R38E
N 32° 10' 45.40" W 103° 5' 13.76"
Elevation: 3,179 feet amsl

Figure 1
Area Map
Chevron
WDDU Tank Battery



1.0-Mile Radius

1,000-Foot Radius

WDDU Tank Battery

41

DWG By: D Dominguez October 2015	REVISED:
0 2,000 4,000	SHEET 1 of 1
Feet	

Lea County, New Mexico
 NW 1/4 of NW 1/4, Sec. 32, T24S, R38E
 N 32° 10' 45.40" W 103° 5' 13.76"
 Elevation: 3,179 feet amsl

Figure 2
 Site Location Map
 Chevron
 WDDU Tank Battery



LEGEND
 X SW1 Sample Location

REVISED:

DWG By: D Dominguez
 October 2015

0 40 80 Feet

SHEET
 1 of 1

Lea County, New Mexico
 NW 1/4 of NW 1/4, Sec. 32, T24S, R38E
 N 32° 10' 45.40" W 103° 5' 13.76"
 Elevation: 3,179 feet amsl

Figure 3
 Sample/Site Map
 Chevron
 WDDU Tank Battery

TABLES

TABLE 1

Well Data

Chevron - WDDU Tank Battery

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 00069	PMH	0	SKELLY OIL COMPANY	2	4	3	31	24S	38E	679087	3560776	--	3,112	--

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

^A = In acre feet per annum

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

PMH = Non 72-12-1 Multiple household use

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

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Chevron - WDDU Tank Battery

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)
BH1	6	In-Situ	13-Oct-15	3.2	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
BH2	6	In-Situ	13-Oct-15	2.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
BH3	5	In-Situ	13-Oct-15	1.1	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SW1	4	In-Situ	13-Oct-15	4.4	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	160
SW2	4	In-Situ	13-Oct-15	4.1	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	512
SW3	3	In-Situ	13-Oct-15	3.9	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SW4	3	In-Situ	13-Oct-15	4.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SW5	4	In-Situ	13-Oct-15	6.1	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SW6	2	In-Situ	13-Oct-15	5.4	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	32
SW7	3	In-Situ	13-Oct-15	4.9	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	272
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

ATTACHMENTS

ATTACHMENT I
Photographs



Photograph #1 – Looking west across excavation



Photograph #2 – Looking west across excavation



Photograph #3 – Looking east across excavation



Photograph #4 – Looking east across excavation



Photograph #5 – Backfilled



Photograph #6 – Backfilled



Photograph #7 – Backfilled



Photograph #8 – Backfilled

ATTACHMENT II
Laboratory Analytical Results



October 20, 2015

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

RE: WDDU TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 10/14/15 10:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: BH 1 (6') (H502683-01)

BTEX 8021B		mg/L		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2015	ND	2.18	109	2.00	0.421	
Toluene*	<0.050	0.050	10/19/2015	ND	2.01	101	2.00	0.655	
Ethylbenzene*	<0.050	0.050	10/19/2015	ND	2.00	99.8	2.00	0.473	
Total Xylenes*	<0.150	0.150	10/19/2015	ND	6.57	109	6.00	0.361	
Total BTEX	<0.300	0.300	10/19/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 66.2-142

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	10/15/2015	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/15/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/15/2015	ND	205	102	200	4.87	

Surrogate: 1-Chlorooctane 89.3 % 47.2-157
Surrogate: 1-Chlorooctadecane 94.5 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: BH 2 (6') (H502683-02)

BTEX 8021B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2015	ND	2.18	109	2.00	0.421		
Toluene*	<0.050	0.050	10/19/2015	ND	2.01	101	2.00	0.655		
Ethylbenzene*	<0.050	0.050	10/19/2015	ND	2.00	99.8	2.00	0.473		
Total Xylenes*	<0.150	0.150	10/19/2015	ND	6.57	109	6.00	0.361		
Total BTEX	<0.300	0.300	10/19/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 66.2-142

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	10/15/2015	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/15/2015	ND	193	96.4	200	5.03		
DRO >C10-C28	<10.0	10.0	10/15/2015	ND	205	102	200	4.87		

Surrogate: 1-Chlorooctane 84.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 89.0 % 52.1-176

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

Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: BH 3 (5') (H502683-03)

BTEX 8021B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2015	ND	2.18	109	2.00	0.421		
Toluene*	<0.050	0.050	10/19/2015	ND	2.01	101	2.00	0.655		
Ethylbenzene*	<0.050	0.050	10/19/2015	ND	2.00	99.8	2.00	0.473		
Total Xylenes*	<0.150	0.150	10/19/2015	ND	6.57	109	6.00	0.361		
Total BTEX	<0.300	0.300	10/19/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 66.2-142

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	10/15/2015	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/15/2015	ND	193	96.4	200	5.03		
DRO >C10-C28	<10.0	10.0	10/15/2015	ND	205	102	200	4.87		

Surrogate: 1-Chlorooctane 83.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 89.6 % 52.1-176

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 1 (4') (H502683-04)

BTEX 8021B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2015	ND	2.18	109	2.00	0.421		
Toluene*	<0.050	0.050	10/19/2015	ND	2.01	101	2.00	0.655		
Ethylbenzene*	<0.050	0.050	10/19/2015	ND	2.00	99.8	2.00	0.473		
Total Xylenes*	<0.150	0.150	10/19/2015	ND	6.57	109	6.00	0.361		
Total BTEX	<0.300	0.300	10/19/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 66.2-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/15/2015	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/15/2015	ND	193	96.4	200	5.03		
DRO >C10-C28	<10.0	10.0	10/15/2015	ND	205	102	200	4.87		

Surrogate: 1-Chlorooctane 93.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 97.1 % 52.1-176

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*=Accredited Analyte

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Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 2 (4') (H502683-05)

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	10/15/2015	ND	1.81	90.3	2.00	0.905	
Toluene*	<0.050	0.050	10/15/2015	ND	1.93	96.5	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/15/2015	ND	1.72	86.1	2.00	0.174	
Total Xylenes*	<0.150	0.150	10/15/2015	ND	5.59	93.2	6.00	1.20	
Total BTEX	<0.300	0.300	10/15/2015	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	10/15/2015	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/16/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87	

Surrogate: 1-Chlorooctane 78.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 83.5 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 3 (3') (H502683-06)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/15/2015	ND	1.81	90.3	2.00	0.905		
Toluene*	<0.050	0.050	10/15/2015	ND	1.93	96.5	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/15/2015	ND	1.72	86.1	2.00	0.174		
Total Xylenes*	<0.150	0.150	10/15/2015	ND	5.59	93.2	6.00	1.20		
Total BTEX	<0.300	0.300	10/15/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/15/2015	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/16/2015	ND	193	96.4	200	5.03		
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87		

Surrogate: 1-Chlorooctane 88.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 93.3 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 4 (3') (H502683-07)

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	10/15/2015	ND	1.81	90.3	2.00	0.905		
Toluene*	<0.050	0.050	10/15/2015	ND	1.93	96.5	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/15/2015	ND	1.72	86.1	2.00	0.174		
Total Xylenes*	<0.150	0.150	10/15/2015	ND	5.59	93.2	6.00	1.20		
Total BTEX	<0.300	0.300	10/15/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/15/2015	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/16/2015	ND	193	96.4	200	5.03		
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87		

Surrogate: 1-Chlorooctane 88.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 93.4 % 52.1-176

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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:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 5 (4') (H502683-08)

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	10/15/2015	ND	1.81	90.3	2.00	0.905		
Toluene*	<0.050	0.050	10/15/2015	ND	1.93	96.5	2.00	1.98		
Ethylbenzene*	<0.050	0.050	10/15/2015	ND	1.72	86.1	2.00	0.174		
Total Xylenes*	<0.150	0.150	10/15/2015	ND	5.59	93.2	6.00	1.20		
Total BTEX	<0.300	0.300	10/15/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/15/2015	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/16/2015	ND	193	96.4	200	5.03		
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87		

Surrogate: 1-Chlorooctane 86.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 91.6 % 52.1-176

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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:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 6 (2') (H502683-09)

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	10/15/2015	ND	1.81	90.3	2.00	0.905	
Toluene*	<0.050	0.050	10/15/2015	ND	1.93	96.5	2.00	1.98	
Ethylbenzene*	<0.050	0.050	10/15/2015	ND	1.72	86.1	2.00	0.174	
Total Xylenes*	<0.150	0.150	10/15/2015	ND	5.59	93.2	6.00	1.20	
Total BTEX	<0.300	0.300	10/15/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/15/2015	ND	416	104	400	3.92	

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	10/16/2015	ND	193	96.4	200	5.03	
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87	

Surrogate: 1-Chlorooctane 90.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.1 % 52.1-176

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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:	10/14/2015	Sampling Date:	10/13/2015
Reported:	10/20/2015	Sampling Type:	Soil
Project Name:	WDDU TANK BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-D SEC. 32, T24S, R38E		

Sample ID: SW 7 (3') (H502683-10)

BTEX 8021B		mg/L		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2015	ND	2.18	109	2.00	0.421		
Toluene*	<0.050	0.050	10/19/2015	ND	2.01	101	2.00	0.655		
Ethylbenzene*	<0.050	0.050	10/19/2015	ND	2.00	99.8	2.00	0.473		
Total Xylenes*	<0.150	0.150	10/19/2015	ND	6.57	109	6.00	0.361		
Total BTEX	<0.300	0.300	10/19/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 66.2-142

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	10/15/2015	ND	416	104	400	3.92		

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	10/16/2015	ND	193	96.4	200	5.03		
DRO >C10-C28	<10.0	10.0	10/16/2015	ND	205	102	200	4.87		

Surrogate: 1-Chlorooctane 90.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.0 % 52.1-176

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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

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

RECEIVED

By OCD District 1 at 7:55 am, Aug 18, 2015

Form C-141
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: Chevron USA Inc.	Contact: Nick Hampton
Address: 15 Smith Rd., Midland, TX, 79705	Telephone No.: wk: 575-704-3143 cell: 985-502-2342
Facility Name: West Dollarhide Drinkard Unit Battery	Facility Type: Battery
Surface Owner: State surface	Mineral Owner (QLS-091040 – State of New Mexico B-9613 LSE)
API No.: N/A	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	32	24-S	38E					Lea

Latitude: 32 deg 9.788 minutes north / Longitude: -103 deg 5.218 minutes west

NATURE OF RELEASE

Type of Release: Spill	Volume of Release: 64.71 bbls total fluid	Volume Recovered: 30 bbls total fluid
Source of Release: Fiberglass trunk line	Date and Hour of Occurrence 08/10/15 1:00PM	Date and Hour of Discovery 08/10/15 1:00PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Kellie Jones	
By Whom? Nick Hampton	Date and Hour: 08/10/15 3:04PM	
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.*

N/A

APPROVED

By OCD District 1 at 7:55 am, Aug 18, 2015

Describe Cause of Problem and Remedial Action Taken.*

Dresser sleeve failure due to end flange corrosion caused 60.25 bbls of produced water and 4.46 bbls of oil to leak to ground.

Describe Area Affected and Cleanup Action Taken.*

Caliche pad and field outside of battery affected. After all contaminated soil is hauled to Sundance, area will be sampled.

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: Nick Hampton	Approved by Environmental Specialist: <i>Jamie Hoyer</i>	
Printed Name: Nick Hampton	Approval Date: 08/18/2015	Expiration Date: 10/18/2015
Title: HE Specialist	Conditions of Approval: Discrete site samples required. Delineate and remediate per NMOCD guidelines. Geotagged photos of remediation required.	
E-mail Address: cikb@chevron.com	Attached <input type="checkbox"/> IRP 3805	
Date: 08/17/2015 Phone: 985-502-2342		

* Attach Additional Sheets If Necessary

nJXK1523028211

pJXK1523028406

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: Chevron USA Inc.	Contact: Nick Hampton
Address: 15 Smith Rd., Midland, TX, 79705	Telephone No. wk: 575-704-3143 cell: 985-502-2342
Facility Name: WDDU Battery; IRP# 3805	Facility Type: Battery
Surface Owner: State surface	Mineral Owner: (QLS-091040 – State of New Mexico B-9613 LSE)
API No. N/A	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	32	24S	38E					Lea

Latitude: N 32° 10' 45.40" Longitude: W 103° 5' 13.76"

NATURE OF RELEASE

Type of Release: oil and produced water	Volume of Release: 64.71 bbls	Volume Recovered: 30 bbls
Source of Release: Fiberglass trunk line	Date and Hour of Occurrence: 8/10/15 @ 13:00	Date and Hour of Discovery: 8/10/15 @ 13:00
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Kellie Jones	
By Whom? Nick Hampton	Date and Hour: 8/10/15 @ 15:04	
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.*
Dresser sleeve failure due to end flange corrosion caused 60.25 bbls of produced water and 4.46 bbls of oil to leak to ground.

Describe Area Affected and Cleanup Action Taken.*
Caliche pad and field outside of battery affected. The release area has been excavated and samples collected. Based on laboratory analytical data and NMOCD approval the excavation has been backfilled with clean soil.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature: <i>Nick Hampton</i>	Approved by Environmental Specialist: <i>Jamie Byer</i>	
Printed Name: Nick Hampton	Approval Date: 03/21/2016	Expiration Date: ///
Title: HE Specialist	Conditions of Approval: ///	
E-mail Address: cikb@chevron.com	Attached <input type="checkbox"/>	
Date: 3/15/16 Phone: 985-502-2342	IRP 3805	

* Attach Additional Sheets If Necessary