27 December 2016

Ms. Olivia Yu
Environmental Specialist
NMOCD
1625 North French Drive
Hobbs, New Mexico 88240

RE: Final Closure Report
Chevron – CDU Injection Line
UL-M, Section 28, Township 21 South, Range 37 East
Lea County, New Mexico
NMOCD Reference # 1RP-4321

Ms. Yu:

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

Background Information:
Tee on injection line developed a hole in the valve box. Vacuum truck was called to pick up fluid in secondary containment and ground.

Remediation Activities:
On June 15, 2016 EPI personnel mobilized at the site to collect soil samples to determine the vertical extent of contamination. Thirteen (13) 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 that apart from Chloride levels at four (4) feet bgs at SP1, Benzene, BTEX, TPH, and Chloride concentrations in the excavation do not exceed NMOCD Recommended Remedial Action Levels (RRALs) of 10 mg/Kg, 50 mg/Kg, 100 mg/Kg, and 250 mg/Kg (reference *Figure 3* and *Table 2*).

From September 8, 2016 – October 6, 2016 two (2) sample locations were drilled to determine the depth of contamination. Sample locations SP1 and SP2 were advanced just outside the excavated area. Beginning with SP1 samples were collected at approximate four (4) foot intervals and field tested for Chlorides. Field testing on these samples indicated Chlorides in excess of NMOCD RRALs to a depth of approximately sixty (60) feet bgs. Field testing on samples from SP2 indicated Chlorides do not exceed NMOCD RRALs. One sample from the bottom of each sample location were jarred and sent to Cardinal Labs in Hobbs, New Mexico for testing. Laboratory analytical results indicate Chloride concentrations do not exceed NMOCD RRALs of 250 mg/Kg (reference *Figure 3* and *Table 2*).

P.O. BOX 1558 ••• 2100 AVENUE O ••• EUNICE, NEW MEXICO 88231
TELEPHONE 575•394•3481 FAX 575•394•2601

ENVIRONMENTAL PLUS, INC.

Closure Activities:
Based on laboratory analytical results indicating the depth of Chloride concentrations adjacent to the excavation, and with NMOCD approval, the area has been excavated to four (4) feet bgs, a 20 mil. poly-ethylene liner has been installed and the excavation backfilled with clean soil; 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 pasture 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. Justin Hobbs at (575) 631-4228 or via e-mail at jhobbs@chevron.com. All official communication should be addressed to:

Mr. Justin Hobbs
Chevron
2401 Avenue 'O'
Eunice, New Mexico 88231

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

cc: Justin Hobbs, Production Supervisor – Chevron, Eunice FMT
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 NMOCD Form C-141

FIGURES

Figure 1 Area Map Chevron CDU Injection Line	Lea County, New Mexico SW 1/4 of SW 1/4, Sec. 28, T21S, R37E N 32° 26' 43.72" W 103° 10' 28.73" Elevation: 3,461 feet amsl	DWG By: D Dominguez October 2016	REVISED:	N
		0 3 6 Miles	SHEET 1 of 1	

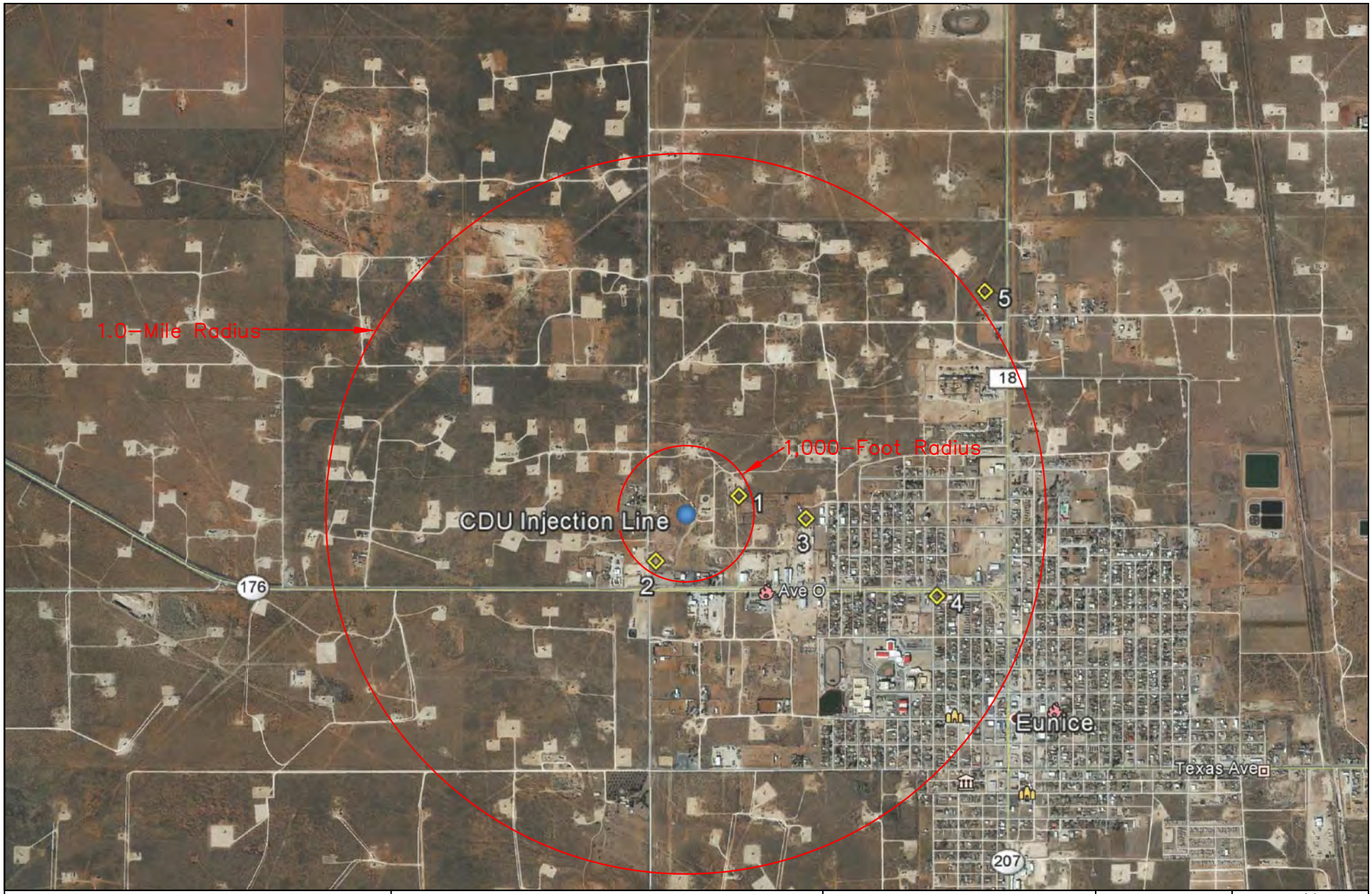

Figure 2 Site Location Map Chevron CDU Injection Line	Lea County, New Mexico SW 1/4 of SW 1/4, Sec. 28, T21S, R37E N 32° 26' 43.72" W 103° 10' 28.73" Elevation: 3,461 feet amsl	DWG By: D Dominguez October 2016 0 2,000 4,000 Feet	REVISED: SHEET 1 of 1 N

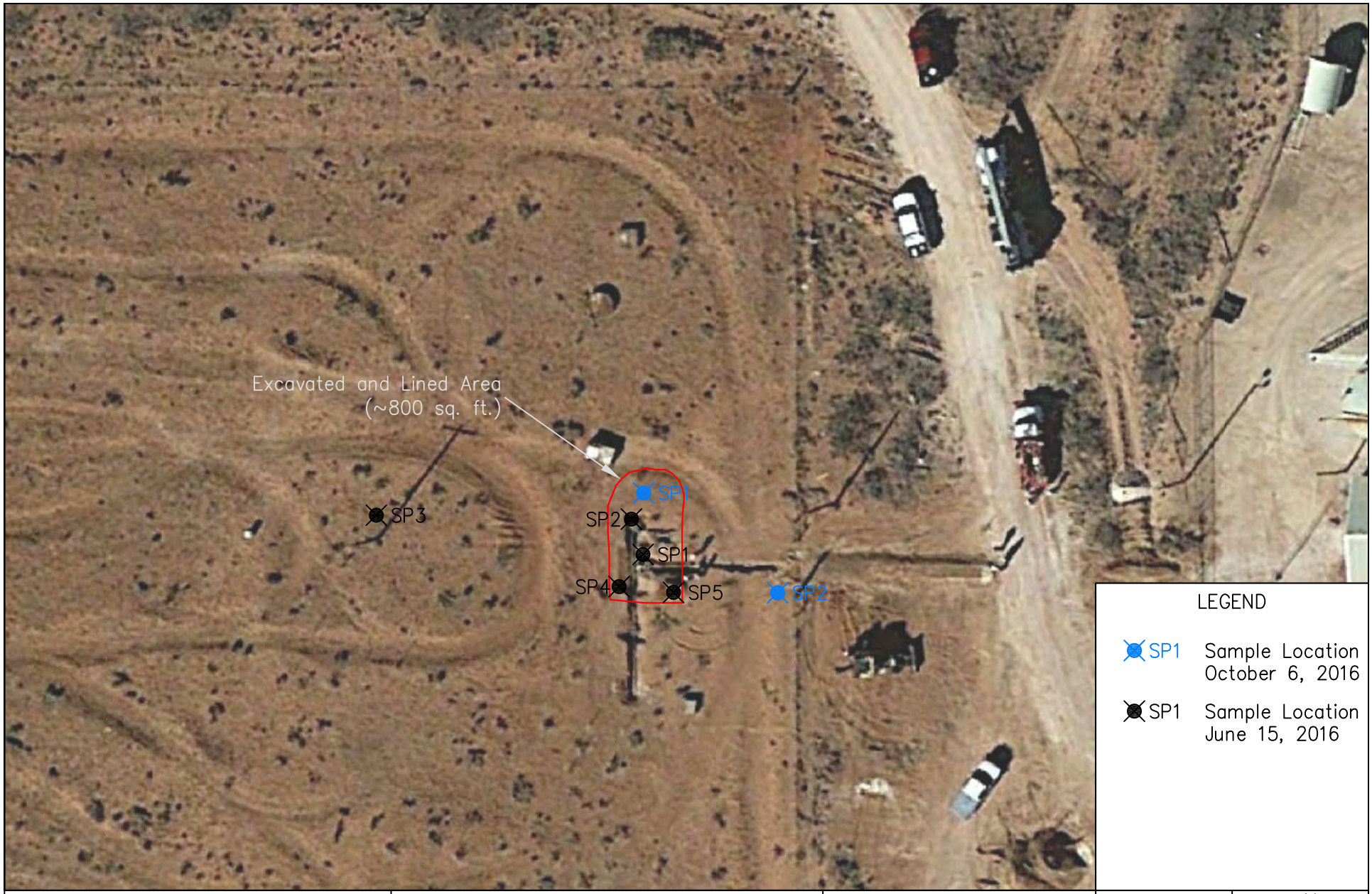

Figure 3 Site/Sample Map Chevron CDU Injection Line	Lea County, New Mexico SW 1/4 of SW 1/4, Sec. 28, T21S, R37E N 32° 26' 43.72" W 103° 10' 28.73" Elevation: 3,461 feet amsl	DWG By: D Dominguez October 2016	REVISED: Dec. 2016	N
		0 40 80 Feet	SHEET 1 of 1	

TABLES

TABLE 1

Well Data

Chevron - CDU Injection Line

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	CP 00322	DOM	3	MILLARD DECK			3	28	21S	37E	671818	3591366	244	10-Jun-66	3,457	73
2	CP 01302	EXP	0	MARVIN BURROWS	3	3	3	28	21S	37E	671453	3591072	248	08-May-14	3,469	100
3	CP 00749	DOM	3	D.M. CRISWELL	2	4	3	28	21S	37E	672118	3591271	530	22-Jun-90	3,453	75
4	CP 01077	DOM	1	MARK VINSON	1	2	2	33	21S	37E	672710	3590940	1,173	12-Apr-12	3,443	45
5	CP 00711	DOM	3	FLOYD G. BLOCK	4	2	2	28	21S	37E	672900	3592291	1,655	02-Oct-87	3,434	65

* = 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.

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

DOM = 72-12-1 Domestic one household

EXP = Exploration

TABLE 2

Summary of Soil Sample Field Test and Laboratory Analytical Results

Chevron

CDU Injection Line

Sample ID	Depth (feet)	Soil Status	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
SP1	Surface	Excavated	15-Jun-16	--	1,200	--	--	--	--	--	--	--	--	--
	1	Excavated	15-Jun-16	--	--	--	--	--	--	--	--	--	--	--
	2	Excavated	15-Jun-16	--	--	--	--	--	--	--	--	--	--	--
	3	Excavated	15-Jun-16	--	3,360	--	--	--	--	--	--	--	--	--
	4	Excavated	15-Jun-16	--	3,200	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	**3,200**
SP2	1	Excavated	15-Jun-16	--	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
	2	Excavated	15-Jun-16	--	80	--	--	--	--	--	--	--	--	--
SP3	1	Excavated	15-Jun-16	--	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
	2	Excavated	15-Jun-16	--	80	--	--	--	--	--	--	--	--	--
SP4	1	Excavated	15-Jun-16	--	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	16
	2	Excavated	15-Jun-16	--	80	--	--	--	--	--	--	--	--	--
SP5	1	Excavated	15-Jun-16	--	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
	2	Excavated	15-Jun-16	--	80	--	--	--	--	--	--	--	--	--

TABLE 2

Summary of Soil Sample Field Test and Laboratory Analytical Results

Chevron

CDU Injection Line

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	2	Excavated	08-Sep-16	8.4	3,720	--	--	--	--	--	--	--	--	--
	6	In-Situ	08-Sep-16	2.5	2,000	--	--	--	--	--	--	--	--	--
	10	In-Situ	08-Sep-16	1.6	1,420	--	--	--	--	--	--	--	--	--
	14	In-Situ	08-Sep-16	0.5	1,200	--	--	--	--	--	--	--	--	--
	18	In-Situ	08-Sep-16	0.6	2,240	--	--	--	--	--	--	--	--	--
	22	In-Situ	08-Sep-16	0.4	1,240	--	--	--	--	--	--	--	--	--
	26	In-Situ	08-Sep-16	1.6	1,840	--	--	--	--	--	--	--	--	--
	30	In-Situ	08-Sep-16	--	--	--	--	--	--	--	--	--	--	--
	34	In-Situ	08-Sep-16	--	--	--	--	--	--	--	--	--	--	--
	38	In-Situ	08-Sep-16	--	--	--	--	--	--	--	--	--	--	--

TABLE 2

Summary of Soil Sample Field Test and Laboratory Analytical Results

Chevron

CDU Injection Line

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	40	In-Situ	06-Oct-16	--	960	--	--	--	--	--	--	--	--	--
	48	In-Situ	06-Oct-16	--	800	--	--	--	--	--	--	--	--	--
	52	In-Situ	06-Oct-16	--	800	--	--	--	--	--	--	--	--	--
	56	In-Situ	06-Oct-16	--	640	--	--	--	--	--	--	--	--	--
	60	In-Situ	06-Oct-16	--	560	--	--	--	--	--	--	--	--	--
	64	In-Situ	06-Oct-16	--	240	--	--	--	--	--	--	--	--	80
SP2	Surface	In-Situ	06-Oct-16	--	240	--	--	--	--	--	--	--	--	--
	1	In-Situ	06-Oct-16	--	80	--	--	--	--	--	--	--	--	<16.0
NMOCD Recommended Remedial Action Levels				100		10				50			100	250

- - = Not Analyzed

Bold *values are in excess of NMOCD Recommended Remedial Action Levels*

ATTACHMENTS

ATTACHMENT I
Photographs

Photograph #1 – Looking east across release area

Photograph #2 – Valve box

Photograph #3 – Valve box

Photograph #4 – Looking across release area

Photograph #5 – Looking across release area

Photograph #6 – Excavated area

Photograph #7 – Excavated area

Photograph #8 – Excavated area

Photograph #9 – Excavated area

Photograph #10 – Liner installed

Photograph #11 – Backfilled

Photograph #12 – Backfilled

ATTACHMENT II
Laboratory Analytical Results

CARDINAL Laboratories

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

June 22, 2016

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: CDU INJ. LINE

Enclosed are the results of analyses for samples received by the laboratory on 06/16/16 15:38.

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 accreditated 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,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/16/2016	Sampling Date:	06/15/2016
Reported:	06/22/2016	Sampling Type:	Soil
Project Name:	CDU INJ. LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-M SEC. 28, T21S, R37E		

Sample ID: SP1 (4') (H601331-01)

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	06/20/2016	ND	1.88	94.2	2.00	0.942	
Toluene*	<0.050	0.050	06/20/2016	ND	1.95	97.3	2.00	1.52	
Ethylbenzene*	<0.050	0.050	06/20/2016	ND	1.80	90.1	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/20/2016	ND	5.72	95.3	6.00	0.620	
Total BTEX	<0.300	0.300	06/20/2016	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	**3200**	16.0	06/21/2016	ND	400	100	400	7.69	

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	06/18/2016	ND	182	91.2	200	0.0713	
DRO >C10-C28	<10.0	10.0	06/18/2016	ND	198	98.9	200	7.68	

Surrogate: 1-Chlorooctane *84.0 %* *35-147*

Surrogate: 1-Chlorooctadecane *75.0 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/16/2016	Sampling Date:	06/15/2016
Reported:	06/22/2016	Sampling Type:	Soil
Project Name:	CDU INJ. LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-M SEC. 28, T21S, R37E		

Sample ID: SP2 (1') (H601331-02)

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	06/20/2016	ND	1.88	94.2	2.00	0.942	
Toluene*	<0.050	0.050	06/20/2016	ND	1.95	97.3	2.00	1.52	
Ethylbenzene*	<0.050	0.050	06/20/2016	ND	1.80	90.1	2.00	1.39	
Total Xylenes*	<0.150	0.150	06/20/2016	ND	5.72	95.3	6.00	0.620	
Total BTEX	<0.300	0.300	06/20/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	06/21/2016	ND	400	100	400	7.69	

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	06/18/2016	ND	182	91.2	200	0.0713	
DRO >C10-C28	<10.0	10.0	06/18/2016	ND	198	98.9	200	7.68	

Surrogate: 1-Chlorooctane *78.0 %* *35-147*

Surrogate: 1-Chlorooctadecane *76.9 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/16/2016	Sampling Date:	06/15/2016
Reported:	06/22/2016	Sampling Type:	Soil
Project Name:	CDU INJ. LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-M SEC. 28, T21S, R37E		

Sample ID: SP3 (1') (H601331-03)

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	06/21/2016	ND	1.92	96.2	2.00	3.76	
Toluene*	<0.050	0.050	06/21/2016	ND	1.99	99.4	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/21/2016	ND	1.82	91.2	2.00	4.81	
Total Xylenes*	<0.150	0.150	06/21/2016	ND	5.73	95.5	6.00	4.46	
Total BTEX	<0.300	0.300	06/21/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	06/21/2016	ND	400	100	400	7.69	

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	06/18/2016	ND	182	91.2	200	0.0713	
DRO >C10-C28	<10.0	10.0	06/18/2016	ND	198	98.9	200	7.68	

Surrogate: 1-Chlorooctane *92.0 %* *35-147*

Surrogate: 1-Chlorooctadecane *93.6 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/16/2016	Sampling Date:	06/15/2016
Reported:	06/22/2016	Sampling Type:	Soil
Project Name:	CDU INJ. LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-M SEC. 28, T21S, R37E		

Sample ID: SP4 (1') (H601331-04)

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	06/21/2016	ND	1.92	96.2	2.00	3.76	
Toluene*	<0.050	0.050	06/21/2016	ND	1.99	99.4	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/21/2016	ND	1.82	91.2	2.00	4.81	
Total Xylenes*	<0.150	0.150	06/21/2016	ND	5.73	95.5	6.00	4.46	
Total BTEX	<0.300	0.300	06/21/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *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	06/21/2016	ND	400	100	400	7.69	

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	06/18/2016	ND	182	91.2	200	0.0713	
DRO >C10-C28	<10.0	10.0	06/18/2016	ND	198	98.9	200	7.68	

Surrogate: 1-Chlorooctane *95.8 %* *35-147*

Surrogate: 1-Chlorooctadecane *95.2 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	06/16/2016	Sampling Date:	06/15/2016
Reported:	06/22/2016	Sampling Type:	Soil
Project Name:	CDU INJ. LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-M SEC. 28, T21S, R37E		

Sample ID: SP5 (1') (H601331-05)

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	06/21/2016	ND	1.92	96.2	2.00	3.76	
Toluene*	<0.050	0.050	06/21/2016	ND	1.99	99.4	2.00	3.94	
Ethylbenzene*	<0.050	0.050	06/21/2016	ND	1.82	91.2	2.00	4.81	
Total Xylenes*	<0.150	0.150	06/21/2016	ND	5.73	95.5	6.00	4.46	
Total BTEX	<0.300	0.300	06/21/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *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	06/21/2016	ND	400	100	400	7.69	

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	06/18/2016	ND	182	91.2	200	0.0713	
DRO >C10-C28	<10.0	10.0	06/18/2016	ND	198	98.9	200	7.68	

Surrogate: 1-Chlorooctane *78.7 %* *35-147*

Surrogate: 1-Chlorooctadecane *76.7 %* *28-171*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

Chain of Custody Form

LAB Cardinal

Company Name	Environmental Plus, Inc.
EPI Project Manager	Daniel Dominguez
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	575-394-3481 / 575-394-2601
Client Company	Chevron
Facility Name	CDU Inj. Line
Location	UL-M Sec. 28, T21S, R37E
Project Reference	
EPI Sampler Name	Dustin Crockett

Bill To

Attn: Daniel Dominguez
P.O. Box 1558
Eunice, NM 88231

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH			
H601331																									
1	SP1 (4')	G	1			X					X		15-Jun-16	11:35	X	X	X								
2	SP2 (1')	G	1			X					X		15-Jun-16	12:15	X	X	X								
3	SP3 (1')	G	1			X					X		15-Jun-16	12:25	X	X	X								
4	SP4 (1')	G	1			X					X		15-Jun-16	13:45	X	X	X								
5	SP5 (1')	G	1			X					X		15-Jun-16	13:55	X	X	X								
6																									
7																									
8																									
9																									
10																									

Sampler Relinquished: Dustin Crockett Date 6/16/16 Time 4:00 pm
Relinquished by: Daniel Dominguez Date 6-16-16 Time 3:38 pm
Delivered by:

Received By: Daniel Dominguez
Received By: (lab staff) Angela Cabrera
Sample Cool & Intact Yes / No
Checked By:

E-mail results to: ddominguezepi@gmail.com & jhobbs@chevron.com
NOTES:

-12.8°C
#75

CARDINAL Laboratories

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

October 12, 2016

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: CDU INJ. LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/07/16 15:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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 accreditated 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,

Hope S. Moreno

Hope S. Moreno For Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/07/2016	Sampling Date:	10/06/2016
Reported:	10/12/2016	Sampling Type:	Soil
Project Name:	CDU INJ. LINE	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-M SEC. 28, T21S, R37E		

Sample ID: SP 1 (64') (H602269-01)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	10/12/2016	ND	400	100	400	3.92	

Sample ID: SP 2 (1') (H602269-02)

Chloride, SM4500Cl-B **mg/kg** **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/12/2016	ND	400	100	400	3.92	

Cardinal Laboratories *=Accredited Analyte

Hope S. Moreno

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

CARDINAL Laboratories

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

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

Cardinal Laboratories

*=Accredited Analyte

Hope S. Moreno

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

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231 P.O. Box 1558, Eunice, NM 88231
(575) 394-3481 FAX: (575) 394-2601

Chain of Custody Form

LAB Cardinal

Company Name	Environmental Plus, Inc.
EPI Project Manager	Daniel Dominguez
Mailing Address	P.O. BOX 1558
City, State, Zip	Eunice New Mexico 88231
EPI Phone#/Fax#	575-394-3481 / 575-394-2601
Client Company	Chevron
Facility Name	CDU Inj. Line
Location	UL-M Sec. 28, T21S, R37E
Project Reference	
EPI Sampler Name	Dustin Crockett

Bill To

Attn: Daniel Dominguez
P.O. Box 1558
Eunice, NM 88231

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE/COOL	OTHER	SAMPLING: DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl^-)	SULFATES ($SO_4^{=}$)	pH	TCLP	OTHER >>>	PAH			
H602269																									
1	SP1 (64')	G	1			X					X		06-Oct-16	12:05			X								
2	SP2 (1')	G	1			X					X		06-Oct-16	12:55			X								
3																									
4																									
5																									
6																									
7																									
8																									
9																									
10																									

Sampler Relinquished:	Date 10/7/16 Time 6:00 pm	Received By:
Relinquished by:	Date 10/7/16 Time 3:35 pm	Received By: (lab staff)
Delivered by: .4°c	Sample Cool & Intact Yes / No	Checked By:

E-mail results to: ddominguezepi@gmail.com & bboone.epi@gmail.com

NOTES:

#75

ATTACHMENT III
Copy of Initial NMOCD Form C-141
Final NMOCD Form 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 Me
Energy Minerals and Natu

RECEIVED
By JKeyes at 8:42 am, Jun 27, 2016

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

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	Contact: Josepha DeLeon
Address: 1616 W. Bender Blvd, Hobbs, NM 88240	Telephone No. 575-408-0073
Facility Name: Central Drinkard Unit	Facility Type: Water Injection Valve Box

Surface Owner: Carl Coy	Mineral Owner: E.O. Carson	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
M	28	21S	37E	589				Lea

Latitude 32.264373N Longitude -103.102874W

NATURE OF RELEASE

Type of Release: Spill	Volume of Release: 40 BBLS	Volume Recovered: 2 BBLS
Source of Release: Hole in injection line on valve box	Date and Hour of Occurrence: 6/11/06: 01:00 PM	Date and Hour of Discovery: 06/11/06: 01:00 PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Maxie Brown	
By Whom? Amy Barnhill	Date and Hour: 06/11/06; 03:00 PM via phone	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Tee on injection line developed a hole in the valve box.

Describe Area Affected and Cleanup Action Taken.*

Vacuum truck was called to pick up fluid in secondary containment and ground. Sampling was performed, excavated approx. 2' to ensure no further saturation.

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: JDeLeon	OIL CONSERVATION DIVISION
Printed Name: Josepha DeLeon	Approved by Environmental Specialist: JKeyes
Title: HES Specialist – Compliance Support - Environmental	Approval Date: 06/27/2016 Expiration Date: 08/27/2016
E-mail Address: jdxd@chevron.com	Conditions of Approval: Discrete samples only. Delineate and remediate per NMOCD guidelines. Attached ☐ 1RP 4321
Date: June 21, 2016 Phone: 432-425-1528	

* Attach Additional Sheets If Necessary

nJXK1617931164 pJXK1617931269

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	Contact: Josepha DeLeon
Address: 1616 W. Bender Blvd, Hobbs, NM 88240	Telephone No. 575-408-0073
Facility Name: Central Drinkard Unit; 1RP #4321	Facility Type: Water Injection Valve Box

Surface Owner: Carl Coy	Mineral Owner: E.O. Carson	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
M	28	21S	37E					Lea

Latitude: N 32.264373° **Longitude:** W 103.102874°

NATURE OF RELEASE

Type of Release: produced water	Volume of Release: 40 bbls	Volume Recovered: 2 bbls
Source of Release: hole in injection line on valve box	Date and Hour of Occurrence: 6/11/16 @ 1:00 pm	Date and Hour of Discovery: 6/11/16 @ 1:00 pm
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Maxie Brown	
By Whom? Amy Barnhill	Date and Hour: 6/11/16 @ 3:00 pm	
Was a Watercourse Reached? ☐ Yes ☒ 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.*

Tee on injection line developed a hole in the valve box.

Describe Area Affected and Cleanup Action Taken.*
Vacuum truck was called to pick up fluid in secondary containment and ground. Sampling was performed, excavated approx. 2' to ensure no further saturation. 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 area was excavated to four feet bgs, 20 mil poly liner installed, and 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: JDeLeon	OIL CONSERVATION DIVISION	
Printed Name: Josepha DeLeon	Approved by Environmental Specialist:	
Title: HES Specialist – Compliance Support – Environmental	Approval Date:	Expiration Date:
E-mail Address: jxdx@chevron.com	Conditions of Approval:	Attached ☐
Date: Phone: 432-425-1528		

* Attach Additional Sheets If Necessary