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 Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	nOY1703754520
District RP	1RP-4581
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Southwest Royalties, Inc.	OGRID	21355
Contact Name	Cindy Crain	Contact Telephone	(575) 441-7244
Contact email	cindy.crain@gmail.com	Incident # (assigned by OC)	D) nOY1703754520
Contact mailing address	P. O. Box 53570 Midland, TX 79710-3570		

Location of Release Source

		Latitude _	32.404521510°	7314 Longitud decimal degrees to 5 dec	de
Site Name	C D Follow	B Federal #004	(17.12) 03 in 0	Site Type	• ,
	•			Site Type	
Date Release	Discovered	1/9/17		API# (if ap	pplicable) 30-025-10106
	ı			! 	
Unit Letter	Section	Township	Range	Cou	unty
L	8	22S	37E	Lea	
Surface Owner: State Federal Tribal Private (Name:))		
			Nature ar	nd Volume of	Release
	Materia	l(s) Released (Select a	all that apply and atta	ch calculations or specifi	fic justification for the volumes provided below)
Crude Oi		Volume Releas		·	Volume Recovered (bbls)
		Volume Recovered (bbls) 130 bbls			
Is the concentration of dissolved chloride in the produced water >10,000 mg/l?		chloride in the	☐ Yes ⊠ No		
Condensa	ate	Volume Released (bbls)			Volume Recovered (bbls)
☐ Natural C	Natural Gas Volume Released (Mcf)		Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units)		Volume/Weight Recovered (provide units)			
Cause of Release A ½" plug was removed from a tee on discharge side of pump underneath transmitter on transfer pump resulting in release. Isolated lease to replace plug.					

Ceived by OCD: 12/1/2022 5:40:35 PM
State of New Mexico

Incident ID	nOY1703754520
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Facility ID	
Application ID	

Was this a major	If YES, for what reason(s) does the respon	nsible party consider this a major release?
release as defined by 19.15.29.7(A) NMAC?	Release is larger than 25 bbls	
⊠ Yes □ No		
	otice given to the OCD? By whom? To wh Yes, by Josie DeLeon (Chevron) to Maxey	nom? When and by what means (phone, email, etc)? Brown by phone
	Initial Ro	esponse
The responsible	party must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury
The source of the rele	ease has been stopped.	
	is been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or c	likes, absorbent pads, or other containment devices.
	ecoverable materials have been removed and	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred blease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
public health or the environs	ment. The acceptance of a C-141 report by the C	fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have
		at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name:	Cindy Crain	Title: Agent for Southwest Royalties, Inc.
Signature:		Date:
email: <u>cindy.crain(a</u>	gmailo.com	Telephone: <u>(575) 441-7244</u>
OCD Only		
Received by:		Date:
-		

nOY1703754520

Incident ID District RP 1RP-4581 Facility ID Application ID

Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)		
Did this release impact groundwater or surface water?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ No		
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ No		
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ⊠ No		
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No		
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No		
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No		
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No		
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No		
Are the lateral extents of the release within a 100-year floodplain?			
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No		
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.			
Characterization Report Checklist: Each of the following items must be included in the report.			
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data Data table of soil contaminant concentration data Depth to water determination Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs Photographs including date and GIS information Topographic/Aerial maps Laboratory data including chain of custody			

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 12/1/2022 5:40:35 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division Page 4 of 96
D nOY1703754520

Incident ID	nOY1703754520
District RP	1RP-4581
Facility ID	
Application ID	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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.		
Printed Name:	_Title:	
Signature:	Date:	
email:	Telephone:	
OCD Only		
Received by:	Date:	

/1/2022 5:40:35 PM Page 5 of 96
State of New Mexico

Incident ID	nOY1703754520
District RP	1RP-4581
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Application ID	

Remediation Plan

Remediation Plan Checklist: Each of the following items must be	e included in the plan.	
 □ Detailed description of proposed remediation technique □ Scaled sitemap with GPS coordinates showing delineation points □ Estimated volume of material to be remediated □ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC □ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 		
Deferral Requests Only: Each of the following items must be con-	firmed as part of any request for deferral of remediation.	
Contamination must be in areas immediately under or around predeconstruction.	roduction equipment where remediation could cause a major facility	
Extents of contamination must be fully delineated.		
Contamination does not cause an imminent risk to human health	a, the environment, or groundwater.	
	e and remediate contamination that pose a threat to groundwater, acceptance of a C-141 report does not relieve the operator of	
Printed Name:	Title:	
Signature:	Date:	
email:	Telephone:	
OCD Only		
Received by:	Date:	
☐ Approved ☐ Approved with Attached Conditions of	Approval	
Signature:	Date:	

State of New Mexico

	Page 6 of 9	96
Incident ID	nOY1703754520	
District RP	1RP-4581	
Facility ID		
Application ID		

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NM	IAC
Photographs of the remediated site prior to backfill or photos of the must be notified 2 days prior to liner inspection)	e liner integrity if applicable (Note: appropriate OCD District office
☐ Laboratory analyses of final sampling (Note: appropriate ODC Dist	rict office must be notified 2 days prior to final sampling)
Description of remediation activities	
	ase notifications and perform corrective actions for releases which 41 report by the OCD does not relieve the operator of liability te contamination that pose a threat to groundwater, surface water, 41 report does not relieve the operator of responsibility for The responsible party acknowledges they must substantially ons that existed prior to the release or their final land use in when reclamation and re-vegetation are complete. Agent for Southwest Royalties, Inc.
Signature:	Date: <u>12/1/22</u>
	e: (575) 441-7244
OCD Only Jocelyn Harimon Received by:	12/06/2022 Date:
Closure approval by the OCD does not relieve the responsible party of lial remediate contamination that poses a threat to groundwater, surface water, party of compliance with any other federal, state, or local laws and/or reg	human health, or the environment nor does not relieve the responsible
Closure Approved by: Ashley Maxwell	Date: 3/1/2023
Printed Name: Ashley Maxwell	Title: Environmental Specialist

Lindsay Livesay

From: Tucker, Shelly <stucker@blm.gov>

Sent: Wednesday, May 02, 2018 11:08 AM

To: Barnhill, Amy D.

Cc: Olivia.Yu@state.nm.us; maxey.brown@state.nm.us

Subject: [**EXTERNAL**] Re: [EXTERNAL] 1RP-4581 C.P. Falby Closure Request

BLM accepts your closure request.

CP Fally BLM Closure Approval

NOTE: LPC Timing Stipulations are in effect - from March 1st through June 15th. Please plan remedial activities accordingly. Check for African Rue...treat (before it gets out of control).

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Tucker

Environmental Protection Specialist O&G Spill/Release Coordinator

575.234.5905 - Direct

575.361.0084 - Cellular

575.234.6235 - Emergency Spill Number

stucker@blm.gov

Bureau of Land Management

620 E. Greene St Carlsbad, NM 88220

The <u>BLM acceptance/approval does not</u> relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. <u>In such an event a site does not achieve successful restoration, or future issues with contaminants are encountered, the operator will be asked to address these issues until they are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.</u>

Confidentiality Warning: This message along with any attachments are intended only for use of the individual or entity to which it is addressed and may contain information that is privileged or confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

On Mon, Apr 30, 2018 at 8:44 AM, Barnhill, Amy D. <ABarnhill@chevron.com> wrote:

Olivia and Shelly,

This site is one that EPI had done a remediation plan on and may not have sent a closure report. I asked BBC to look into it and they did. They visited this site and took some pictures (attached). Comparing the pictures of the leak in the EPI work plan and the pictures that BBC took, it appears this site was cleaned up. The liner was inspected and found integrity to be in good condition.

We are submitting the Workplan, as it is not on the OCD website; a final C-141 along with these pictures that show no visible impact and hope you will consider this closed since EPI is no longer in business and we have no access to their records.

Please let me know if there is anything else we need to do.

Thank you,

Amy Barnhill

Waste and Water Specialist

MCBU

Office: 432-687-7108

Cell: 432-940-8524

E-Mail: ABarnhill@chevron.com

#OurEnvironmentMatters

----- Forwarded message -----

From: Yu, Olivia, EMNRD < Olivia. Yu@state.nm.us>

Date: Fri, Jun 30, 2017 at 10:16 AM

Subject: RE: C.P. Falby Work Plan - 1RP 4581

To: Daniel Dominguez < ddominguezepi@gmail.com >, "DeLeon, Josepha" < jdxd@chevron.com >,

"jhobbs@chevron.com" < jhobbs@chevron.com>

Dear Mr. Dominguez:

NMOCD approves of the delineation workplan and proposed remediation activities for 1RP-4581 with these conditions:

- 1. For the portion of the release within the lined containment, please inspect liner in question. Provide NMOCD with a concise report of the inspection with affirmation the liner has and will continue to contain liquids. Was the contaminated fill removed?
- 2. NMOCD requests that the area around SP2 be excavated to 1 ft. or until permissible chloride levels (600 mg/kg) is obtained. Bottom and sidewall confirmation samples are required of the area. Indicate on a scaled map, the excavated area demarcated as SP2.

Please confirm or address concerns to me.
Thanks,
Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113
OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state,

From: Daniel Dominguez [mailto:ddominguezepi@gmail.com]

Sent: Monday, June 12, 2017 11:23 AM

local laws and/or regulations.

To: Yu, Olivia, EMNRD < Olivia. Yu@state.nm.us >; DeLeon, Josepha < idxd@chevron.com >; jhobbs@chevron.com

Subject: C.P. Falby Work Plan - 1RP 4581

Ms. Yu,

Attached for your review is the Work Plan for the C.P. Falby Federal Tank Battery, operated by Chevron.

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez Environmental Consultant/Safety Director

Environmental Plus, Inc. P.O. Box 1558 2100 Avenue 'O' Eunice, NM 88231 (575) 631-0401 (Cell) (575) 394-3481 (Office) (575) 394-2601 (fax)

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant/Safety Director

Environmental Plus, Inc. P.O. Box 1558 2100 Avenue 'O' Eunice, NM 88231 (575) 631-0401 (Cell) (575) 394-3481 (Office) (575) 394-2601 (fax) 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 Santa Fe, NM 87505

Form C-141 Revised April 3, 2067 Submit 1 Copy to appropriate District Office accordance with 19.15.29 NMAS

1220 South St. Francis Dr.

Release Notification	on and Co	orrective A	ction	2/1
	OPERA'	ГOR	☐ Initi	ial Report 🛛 Final Re
Name of Company: Chevron USA Inc.	Contact: An	ny Barnhill		
Address: 6301 Deauville Blvd., Midland, TX 79706		No.: 432-687-71	08	:40
Facility Name: C. P. Falby	Facility Typ	e: Gas Well		
Surface Owner: Federal Mineral Owner	r: Federal		API No	
LOCATIO	ON OF DEI	EACE		<u> </u>
Facility Name: C. P. Falby Facility Type: Gas Well				
		- out mont the	Last West Line	County
L 8 22S 37E 1980 Sout	th	660	West	Lea
Latitude: 32.4045215107314			46 NAD83	1
NATURI	E OF RELI			
Type of Release: Spill	Volume of Produced V	Release: 137 bbls Vater	Volume I	Recovered: 130 bbls
Source of Release: Pumping Unit	Date and H	our of Occurrence	e: Date and	Hour of Discovery:
Was Immediate Notice Given?	01/09/2017		01/09/201	7: 02:19 PM
✓ Yes ☐ No ☐ Not Required	d 11 TES, 10	Whom? Maxey B	irown	
By Whom? Josie Deleon	Date and H	our: 01/09/2017; (03:59 PM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Vo	lume Impacting th	ne Watercourse.	
If a Watercourse was Impacted, Describe Fully.*				
N/A				
Describe Cause of Problem and Remedial Action Taken.*				
A $\frac{1}{2}$ " plug was removed from a tee on discharge side of pump une replace plug.	derneath trans	mitter on transfe	er pump resulting	g in release. Isolated lease to
Describe Area Affected and Cleanup Action Taken.* Reference 1RP-4581 Fluid was released into the bermed secondary containment. Vacu water. Samples were collected and contaminated soil was excaval analytical data and NMOCD approval, the area was excavated and	ted and hauled	to a state appro	wed disposal fac	ility Raced on Johannton
I hereby certify that the information given above is true and complete to regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by the should their operations have failed to adequately investigate and remedia or the environment. In addition, NMOCD acceptance of a C-141 report of federal, state, or local laws and/or regulations.	notifications and he NMOCD mai ate contamination	d perform correcti rked as "Final Rep n that pose a threa	ve actions for rele port" does not relie	ases which may endanger eve the operator of liability
Signature: On Bhy		OIL CONS	ERVATION	DIVISION
Printed Name: Amy Barnhill	Approved by E	Environmental Spe	ecialist:	
Title: Waste/Water Specialist	Approval Date	:	Expiration D)ate:
E-mail Address: ABarnhill@chevron.com	Conditions of A			auc.
		-pprovar.		Attached Dage
Date: 4-30-2018 Phone: 432-687-7108 Attach Additional Sheets If Necessary				98











ENVIRONMENTAL PLUS, INC.

2100 Ave 'O' P.O. Box 1558 Eunice, NM 88231 ddominguezepi@gmail.com Office: (575) 394-3481 Fax: (575) 394-2601



Site Characterization and Work Plan

Chevron USA, Inc.
C. P. Falby Federal Tank Battery
Lea County, New Mexico
Unit Letter "L", Section 8, Township 22 South, Range 37 East
Latitude 32.404521 North, Longitude 103.191450 West
NMOCD Reference #1RP-4581

Prepared For:

Chevron USA, Inc. 6301 Deauville Blvd. Midland, Texas 79706

Prepared By:

Environmental Plus, Inc. 2100 Ave 'O' Eunice, NM 88231

March 2017

Daniel Dominguez Project Manager



The following *Site Characterization and Work Plan* serves as a condensed update on field activities undertaken and proposed actions for the afore referenced Site.

Background:

The site is located in Unit Letter L (NW ¼ SW ¼), Section 8, Township 22 South, Range 37 East, approximately three miles south-west of Eunice, in Lea County, New Mexico. The property is owned by Chevron.

The release site is located on the pad and lease road of an active tank battery; latitude 32.404521 North, longitude 103.191450 West. Area Map, Site Location Map, and Sample/Site Map are included as Figure 1, Figure 2, and Figure 3, respectively. The Initial NMOCD Form C-141 indicated that on January 9, 2017 approximately 137 barrels of produced water were released when a ½ inch plug was removed from a tee releasing the fluid. A vacuum truck was dispatched to the site and recovered approximately 130 barrels, resulting in a net loss of 7 barrels of fluid. The visually stained area covers approximately 5,000 square feet. The Initial NMOCD Form C-141 in included as Attachment IV.

NMOCD Site Classification:

A search for water wells was completed utilizing the New Mexico Office of the State Engineer's (NMOSE) website. There are six wells located in the area surrounding the release site (reference *Table 1*). Also, no wells (domestic, agriculture or public) and no bodies of surface water exist within a 1,000-foot radius of the release site (reference *Figure 2*). The NMOSE database indicates average water depth is approximately 119 feet below ground surface (bgs) within a 2,000-meter radius (reference *Attachment II*).

Utilizing this information, the NMOCD guidelines indicate the C.P. Falby Federal Tank Battery release site to have a ranking score of zero. Based on this score, the NMOCD Recommended Remedial Action Levels (RRALs) for this Site were determined as follows: Benzene – 10 mg/Kg, BTEX – 50 mg/Kg, TPH – 5,000 mg/Kg, and Chloride – 1,000 mg/Kg.

The fluid spread out to an area of approximately 72' x 68' north from lined containment to an adjacent caliche lease road.

Delineation Progress:

On January 25, 2017 EPI personnel mobilized on site to collect soil samples to determine the vertical extent of contamination. A total of twelve soil samples were collected from five sample locations; SP1 – SP5. Seven soil samples from each sample location were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate that, other than Chloride at SP2 at surface level, the release area is void of Benzene, BTEX, TPH and Chloride concentrations above NMOCD RRALs (reference *Figure 3* and *Table 2*).

Portions of select soil samples were field tested for organic vapors and chloride concentrations. Soil samples collected for field testing of organic vapors were placed in self-sealing polyethylene bags and allowed to equilibrate to ~70° F. Field testing of organic vapors utilized a Mini-RaeTM Photoionization Detector (PID) equipped with a 10.6 electron-volt (eV) calibrated for benzene



response. Chloride concentrations were determined via use of a LaMotte Chloride Kit (Titration Method).

Soil samples designated for laboratory analyses were collected into laboratory provided glass containers, labeled and inserted into self-sealing polyethylene bags, placed in a cooler, chilled and transported to an independent laboratory for quantification of contaminant concentrations under Chain-of-Custody protocol.

On March 22, 2017 EPI personnel mobilized on site to collect soil samples to determine the horizontal extent of contamination. A total of ten soil samples were collected from five sample locations; SP6 – SP10. All ten soil samples were sent to Cardinal Labs in Hobbs, New Mexico, for Chloride testing. Laboratory analytical results indicate that the area adjacent to the release area, horizontally, is void of Chloride concentrations above NMOCD RRALs (reference *Figure 3* and *Table 2*).

Proposed Actions:

Taking into consideration the release occurred on an active tank battery and lease road, EPI proposes to surface scrape the release area outside the tank battery and then backfill with caliche. The area within lined containment will not be disturbed.

Caliche will be free of deleterious material or rocks or large clumps. Backfilling will continue until the entire excavation is closed. Upon completion of backfill activities, the entire disturbed area will be contoured to blend with lease road area and protected against wind/water erosion.

Revegetation Plan:

As the release area occurred within a bermed tank battery on a lease road, no seeding will be required.

Noxious Weed Management Plan:

In an effort to prevent the spread of noxious weeds such as African Rue, Siberian Elm, Jointed Goatgrass, Russian Olive, Camelthorn, Saltcedar, Starthistle varieties, Hoary Cress and Russian Knapweed, the area will be confirmed to be clear of any noxious weeds. If any are located they will be removed by hand and the area treated with an appropriate herbicide. After a period of three months the area will be examined for noxious weed growth and re-treated if any growth has occurred.

Following completion of NMOCD approved Proposed Actions, EPI will provide a detailed *Final Closure Report* to Chevron and NMOCD personnel. Chevron and EPI personnel would welcome an opportunity to briefly discuss the *Work Plan* at your earliest convenience.



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 Ms. Josepha DeLeon at (432) 425-1528 or via e-mail at jdxd@chevron.com. All official communication should be addressed to:

Ms. Josepha DeLeon Chevron USA, Inc. 6301 Deauville Blvd. Midland, Texas 79706

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez

Environmental Consultant

cc: Olivia Yu, Environmental Specialist – NMOCD District 1, Hobbs, NM Josepha DeLeon, HES Specialist – Compliance Support - Environmental – 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

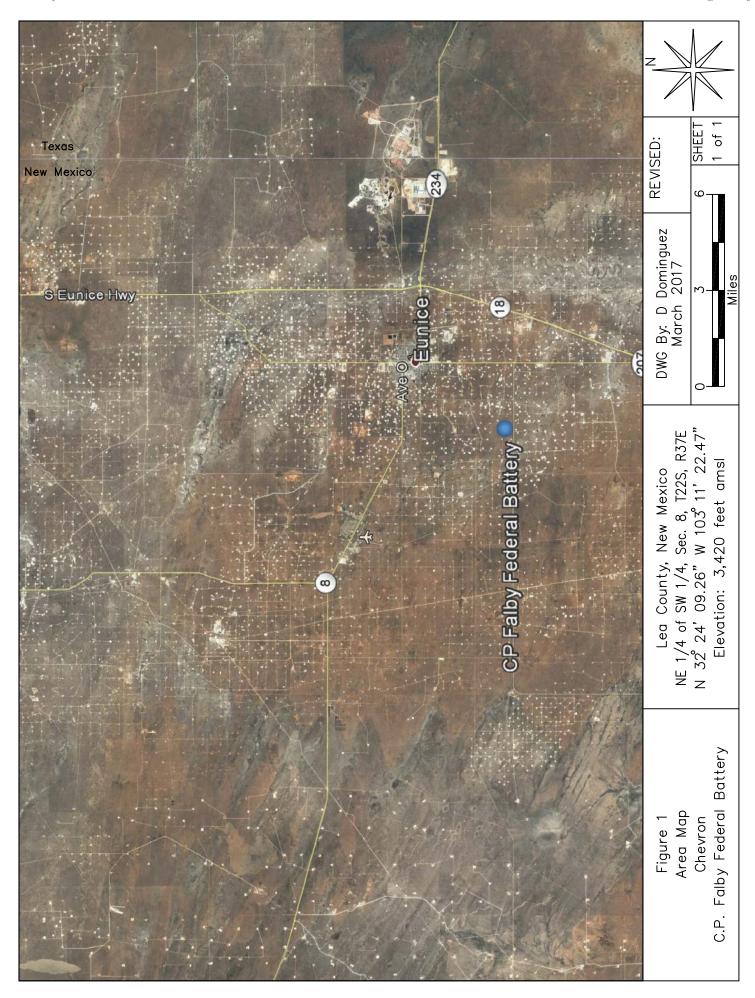
Attachment I – Photographs

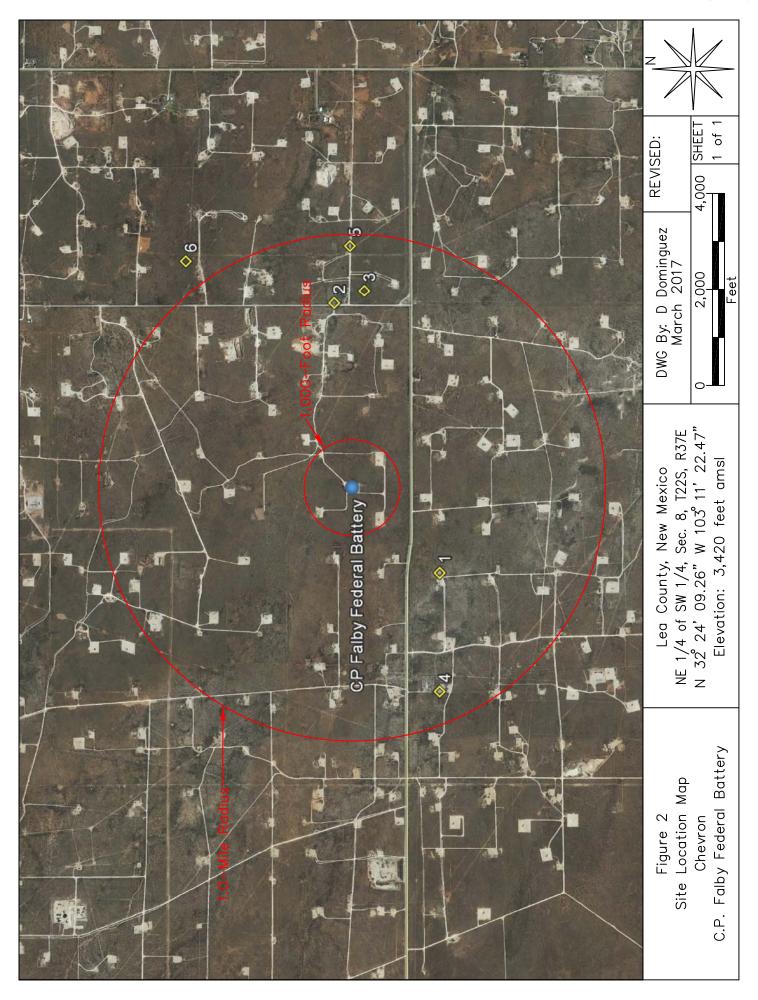
Attachment II – NMOSE Average Depth to Groundwater

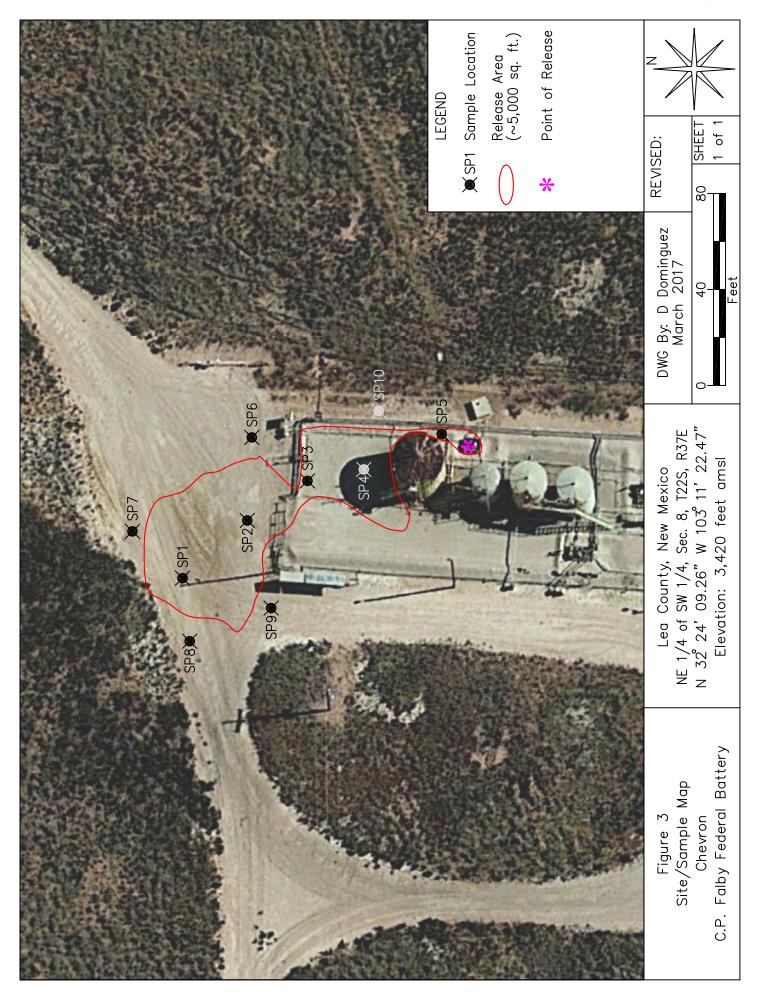
Attachment III – Laboratory Analytical Results

Attachment IV – Copy of Initial NMOCD Form C-141

FIGURES







TABLES

TABLE 1

Well Data Chevron - C.P. Falby Federal Battery

Bof#	Well Number	IIea	I so Divousion A	Jounn	u64	5	40	Ţ	. G	Fosti	Northin	n64 o16 o4 Sec Twen Bur Resting Northing Distance		Surface	Depth to
		3	Diversion		5	<u>.</u>	<u>;</u>	3	<u> </u>	- Sa	S	ug Distance		Measured Elevation ^C	Water (ft bgs)
1	CP 00547	SAN	0	NORTHERN NATURAL GAS CO.		2	2	18 2	2 2 18 22S 37E	9699 E	669696 3585901	827	03-Jul-75	3,421	:
2	CP 01353	DOL	3	CHARLIE BETTIS	3	1	3	9 2	9 22S 37E	E 671513	13 3586640		1,256 18-May-15	3,409	73
3	CP 00154	COM	8.68	CHARLIE BETTIS	1	3	3	9 2	9 22S 37E	E 6716	671600 3586439	1,336	1	3,403	1
4	CP 00628	SAN	3	NORTHERN NATURAL GAS COMPANY	7	2	1	18 2	1 18 22S 37E	E 668892	92 3585888	1,504	19-Nov-80	3,431	190
5	CP 00871	MOG	3	BILL TRULL			3	9 2	9 22S 37E	E 671902	02 3586541	1,637	29-Sep-97	3,409	94
9	CP 00560	CPS	0	SKELLY OIL COMPANY	2	1	1	9 2	2S 37	E 6717	9 22S 37E 671778 3587646	1,896	1	3,426	1

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

 $^{\mathrm{C}}=\mathrm{Elevation}$ interpolated from USGS topographical map based on referenced location. $^{\mathrm{B}}$ = In meters A = In acre feet per annum

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

SAN = 72-12-1 Sanitary in conjunction with a commercial use

DOL = 72-12-1 Domestic and Livestock watering

COM = Commercial DOM = 72-12-1 Domestic one household

CPS = Cathodic Protection Well

TABLE 2
Summary of Soil Sample Field Test and Laboratory Analytical Results

Chevron

C.P. Falby Tank Battery

Chloride (mg/Kg)	32	1	1	1	48	3,470	-	-	96	336	80	160
Total TPH (mg/Kg)	<20.0	1	1	1	<20.0	12.1		1	<20.0	<20.0	<20.0	<20.0
DRO C10-C28 (mg/Kg)	<10.0	-			<10.0	12.1			<10.0	<10.0	<10.0	<10.0
GRO C6-C10 (mg/Kg)	<10.0				<10.0	<10.0			<10.0	<10.0	<10.0	<10.0
Total BTEX (mg/Kg)	<0.300	1	1	1	<0.300	<0.300		1	<0.300	<0.300	<0.300	<0.300
Total Xylenes (mg/Kg)	<0.150	1	1	1	<0.150	<0.150		1	<0.150	<0.150	<0.150	<0.150
Ethylbenzene (mg/Kg)	<0.050	1	1	1	<0.050	<0.050		1	<0.050	<0.050	<0.050	<0.050
Toluene (mg/Kg)	<0.050	1	-	1	<0.050	<0.050		-	<0.050	<0.050	<0.050	<0.050
Benzene (mg/Kg)	<0.050	-	-	-	<0.050	<0.050			<0.050	<0.050	<0.050	<0.050
Field Chloride (mg/Kg)	200	440	999	999	200	3,600	160	120	120	450	160	240
PID Reading (ppm)	10.8	9.0	6.5	7.9	1.4	3.2	7.8	0.9	3.1	9.9	9.0	8.3
Sample Date	25-Jan-17											
Soil Status	In-Situ											
Depth (feet)	Surface	1	2	3	4	Surface	1	2	3			
Sample ID			SP1				CED	3F2		SP3	SP4	SP5

TABLE 2
Summary of Soil Sample Field Test and Laboratory Analytical Results

Chevron
C.P. Falby Tank Battery

								•						
Sample ID	Depth (feet)	Soil Status	Soil Status Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene]	Toluene 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)
yas	Surface	In-Situ	22-Mar-17	0.0	160		-					-	-	128
0.10	3	In-Situ	22-Mar-17	0.0	80	-	1		-		1	:	1	32
CD7	Surface	In-Situ	22-Mar-17	0.0	08	-	;	-	-		1	:	1	48
7.10	3	In-Situ	22-Mar-17	0.0	80	-	-		-		1	:	1	16
CDS	Surface	In-Situ	22-Mar-17	0.0	08	-	;	-	-		1	:	1	48
0 10	3	In-Situ	22-Mar-17	0.0	80	1	ł	1	ŀ	1	1	ŀ	1	32
CDO	Surface	In-Situ	22-Mar-17	0.0	08	-	;		-		1	:	1	48
616	3	In-Situ	22-Mar-17	0.0	80	1	1	1	1	-	1	:	ŀ	32
CD10	Surface	In-Situ	22-Mar-17	0.0	08	-	;	-	-		1	:	1	64
0116	3	In-Situ	22-Mar-17	0.0	80	-	1	-	-	-	1	1	1	32
NMOCD Recommended Remedial Action Levels	mmended	l Remedial ⊿	Action Levels	100		10				50			5,000	1,000

--= Not Analyzed

Bold values are in excess of NMOCD Recommended Remedial Action Levels

ATTACHMENTS

ATTACHMENT I Photographs



Photograph #1- Approximate point of release



Photograph #2- Looking across release area



Photograph #3- Looking across release area



Photograph #4- Looking across release area



Photograph #5- Looking across release area



Photograph #6- Looking across release area



Photograph #7 – Tank battery liner



Photograph #8 – Tank battery liner

ATTACHMENT II NMOSE Average Depth to Groundwater



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

	POD Sub-		Q (QQ)						Depth	Depth	Water
POD Number	Code basin	County	64 1	6 4	Sec	Tws	Rng	Х	Υ	Distance	•	-	Column
<u>CP 00547</u>		LE		2 2	18	22S	37E	669696	3585901* 🌍	827	200		
CP 01353 POD1	СР	LE	3	1 3	09	22S	37E	671514	3586640 🌑	1256	93	73	20
CP 00154 POD2	СР	LE	3	3 3	09	22S	37E	671600	3586239* 🌍	1360	172		
CP 00628		LE		2 1	18	22S	37E	668892	3585888* 🌑	1504	525	190	335
CP 00871		LE		3	3 09	22S	37E	671902	3586541* 🌕	1637	167	94	73
CP 00560 POD1	СР	LE	2	1 1	09	22S	37E	671778	3587646* 🌑	1896	350		

Average Depth to Water: 119 feet

DEPTH TO WATER

Minimum Depth: 73 feet

Maximum Depth: 190 feet

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 670265.31 Northing (Y): 3586501.91 Radius: 2000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

ATTACHMENT III Laboratory Analytical Results



February 11, 2017

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: CP FALBY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/03/17 12:40.

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/ga/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)

Celey D. Keene

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

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: 02/03/2017 Sampling Date: 01/25/2017

Reported: 02/11/2017 Sampling Type: Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 1 (SURFACE) (H700282-01)

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	02/07/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/07/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/07/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/07/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/07/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	D 104 % 73.6-14		0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	
Surrogate: 1-Chlorooctane	85.4	% 35-147	,						
Surrogate: 1-Chlorooctadecane	83.0	% 28-171							

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Celey D. Keene

Sample Received By:

Analytical Results For:

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

Fax To: (505) 394-2601

 Received:
 02/03/2017
 Sampling Date:
 01/25/2017

 Reported:
 02/11/2017
 Sampling Type:
 Soil

Reported: 02/11/2017 Sampling Type: Soil
Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact

Project Number: NONE GIVEN

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 1 (4') (H700282-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/07/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/07/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/07/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/07/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2017	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	
Surrogate: 1-Chlorooctane	90.75	% 35-147	7						
Surrogate: 1-Chlorooctadecane	96.7	% 28-171							

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Celeg & Freene



Analytical Results For:

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

Fax To: (505) 394-2601

Received: 02/03/2017 Sampling Date: 01/25/2017

Reported: 02/11/2017 Sampling Type: Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 2 (SURFACE) (H700282-03)

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	02/07/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/07/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/07/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/07/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/07/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	106% 73.6-1		0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3470	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	12.1	10.0	02/07/2017	ND	207	104	200	3.94	
Surrogate: 1-Chlorooctane	80.6	% 35-147	,						
Surrogate: 1-Chlorooctadecane	90.2	% 28-171							

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Celeg D. Freene



Analytical Results For:

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

Received: 02/03/2017

Reported: 02/11/2017
Project Name: CP FALBY TANK BATTERY

Project Number: NONE GIVEN

Project Location: UL-K SEC. 8, T22S, R37E

Sampling Date: 01/25/2017

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: SP 2 (3') (H700282-04)

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	02/07/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/07/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/07/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/07/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/07/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	
Surrogate: 1-Chlorooctane	88.7	% 35-147	,						
Surrogate: 1-Chlorooctadecane	98.9	% 28-171							

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 394-2601

Received: 02/03/2017 Sampling Date: 01/25/2017

Reported: 02/11/2017 Sampling Type: Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Applyzod By: MC

Project Location: UL-K SEC. 8, T22S, R37E

ma/ka

Sample ID: SP 3 (3") (H700282-05)

RTFY 8021R

BIEX 8021B	mg/	/ Kg	Analyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/08/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/08/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/08/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 73.6-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	
Surrogate: 1-Chlorooctane	87.0	% 35-147	,						
Surrogate: 1-Chlorooctadecane	95.3	% 28-171							

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 394-2601

Received: 02/03/2017 Sampling Date: 01/25/2017

Reported: 02/11/2017 Sampling Type: Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 4 (2") (H700282-06)

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	02/08/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/08/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/08/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/08/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	73.6-14		10						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	185	92.3	200	2.68	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	198	98.9	200	6.56	
Surrogate: 1-Chlorooctane	80.5 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	106 %	% 28-171							

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Received: 02/03/2017

02/11/2017

Project Name: CP FALBY TANK BATTERY

Project Number: NONE GIVEN

Project Location: UL-K SEC. 8, T22S, R37E

Sampling Date: 01/25/2017

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Celey D. Keene

Sample ID: SP 5 (2") (H700282-07)

Reported:

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	02/08/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/08/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/08/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/08/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	73.6-14		10						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	185	92.3	200	2.68	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	198	98.9	200	6.56	
Surrogate: 1-Chlorooctane	79.4 %	% 35-147	,						
Surrogate: 1-Chlorooctadecane	95.0 9	% 28-171							

Cardinal Laboratories *=Accredited Analyte

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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

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Celeg D. Freene

2100 Avenue O, Eunice, NM 88231

P.O. Box 1558, Eunice, NM 88231

Environmental Plus, Inc.

Pilus, inc. Bill To ANALYSIS REQUEST	Sample (Yes)	Date 2/3/17	Time 6:00 am	2/4/47	**	10	9	8	00 00F4 (2)	O		. 0		SP1 (Surface)	LAB I.D. SAMPLE I.D.		EPI Sampler Name David Robinson	Project Reference	UL-K Sec. 8, T22S,	Facility Name CP Falby Tank Battery	ny	EPI Phone#/Fax# 575-394-3481 / 575-394-2601	City, State, Zip Eunice New Mexico 88231	Mailing Address P.O. BOX 1558	EPI Project Manager Daniel Dominguez	Company Name Environmental Plus,	(575) 394-3481 FAX: (575) 394-2601
Attn: Daniel Dominguez P.O. Box 1558 Eunice, NM 88231 PRESERV. SAMPLING SLUDGE OTHER: ACID/BASE ICE/COOL OTHER X X 25-Jan-17 8:53 X X Z5-Jan-17 9:50 X X Z5-Jan-17 10:35 X X X X X X X X X X X X X X X X X X X	Cool &	Receiv		Door		Ţ	1	G	9 6	G	G	G	G	G		۶.	11		R37E	ery		394-	882			, Inc	7
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Chain of Custody Form

Page 1 of 1

Page 10 of 10



March 24, 2017

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: CP FALBY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/22/17 15:30.

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/ga/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)

Celey D. Keene

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

Lab Director/Quality Manager



03/22/2017

Soil

Analytical Results For:

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

Fax To: (505) 394-2601

Received: 03/22/2017 Sampling Date:
Reported: 03/24/2017 Sampling Type:

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 6 (SURFACE) (H700741-01)

Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/23/2017	ND	416	104	400	3.77	
Sample ID: SP 6 (3') (H7	00741-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/23/2017	ND	416	104	400	3.77	
Sample ID: SP 7 (SURFA	CE) (H700741	-03)							
Sample ID: SP 7 (SURFA		-							
Chloride, SM4500CI-B	mg	/kg	-	d By: AC	D.C.	0/ December	True Value OC	DDD	Qualifier
•		-	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500CI-B	mg	/kg	-	-	BS 416	% Recovery	True Value QC 400	RPD 3.77	Qualifier
Chloride, SM4500CI-B Analyte	Result	/kg Reporting Limit	Analyzed	Method Blank		,	•		Qualifier
Chloride, SM4500CI-B Analyte Chloride	Result	Reporting Limit	Analyzed	Method Blank ND		,	•		Qualifier
Chloride, SM4500Cl-B Analyte Chloride Sample ID: SP 7 (3') (H7	Result 48.0 00741-04)	Reporting Limit	Analyzed 03/23/2017	Method Blank ND		,	•		Qualifier

Cardinal Laboratories *=Accredited Analyte

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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:
 03/22/2017
 Sampling Date:
 03/22/2017

 Reported:
 03/24/2017
 Sampling Type:
 Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Number: NONE GIVEN
Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 8 (SURFACE) (H700741-05)

Chloride, SM4500CI-B	Analyze	d By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/23/2017	ND	416	104	400	3.77	

Sample ID: SP 8 (3') (H700741-06)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/23/2017	ND	416	104	400	0.00	

Sample ID: SP 9 (SURFACE) (H700741-07)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/23/2017	ND	416	104	400	0.00	

Sample ID: SP 9 (3') (H700741-08)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/23/2017	ND	416	104	400	0.00	

Sample ID: SP 10 (SURFACE) (H700741-09)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/23/2017	ND	416	104	400	0.00	

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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: 03/22/2017 Sampling Date: 03/22/2017

Reported: 03/24/2017 Sampling Type: Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 10 (3') (H700741-10)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	03/23/2017	ND	416	104	400	0.00		

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Celey D. Keine



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

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Chain of Custody Form

Page 6 of 6

ATTACHMENT IV Copy of Initial NMOCD Form C-141

Form C-141

Revised August 8, 2011

<u>District I</u> 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**

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

Oil Conservation Division 1220 South St. Francis Dr.

1220 5. 5t. 11an	cis Di., Sand	a i c, ivivi 67505		Sa	ınta F	e, NM 8	37 <u>5</u> ()5					
			Rele	ease Notific	catio	n and (Co	rrective A	ctio	n			
						OPER	AT	OR			al Report		Final Report
		Chevron USA						epha DeLeon			•		•
		ille Blvd., M	Iidland, T	ΓX 79706				o.: wk: 575-2	63-04	24 Cell	: 432-425-	1528	
Facility Nar	ne: F. B.	Falby				Facility '	l'ype	e: Gas Well					
Surface Ow	ner: Fede	ral		Mineral C)wner:	Federal				API No	. 3002510	106	
				LOCA	ATIO	N OF R	EL	EASE					
Unit Letter	Section	Township	Range	Feet from the		/South Lin		Feet from the	East/	West Line	County		
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				NAT	URE	OF RE							
Type of Rele	ase: Spill					Volume		Release: 137 bar	rrels	Volume I produced	Recovered:	130 ba	rrels
Source of Re	lease: Pum	ping Unit						our of Occurrenc	e:		Hour of Dis	covery	:
XX7 T 1'	· N	<u> </u>						02:19 PM		01/09/201	17: 02:19 PI	М	
Was Immedia	ate Notice (Yes [No Not Re	equired	If YES, Maxey							
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Was a Water								ume Impacting t					
			Yes ⊠] No			_						
	ırse was Im	pacted, Descr	ibe Fully.*	*			R	ECEIVE	ח				
NA										2-44	Fab	00	2047
- II G	45.11						B	y Olivia Y	u at	3:14 p	т, гер	06,	2017
Describe Cau	ise of Probl	em and Reme	dial Action	n Taken.*									
A ½" plug v	vas remov	ed from a tee	on disch	narge side of pur	mp und	lerneath ti	ransı	mitter on transf	fer pui	np resultin	g in release	e. Isola	ated lease to
replace plug	z .												
Describe Are	a Affected	and Cleanup A	Action Tak	cen.*									
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Printed Name	e: Josepha	DeLeon											
Title: HES S	pecialist –	Compliance S	upport - E	Environmental		Approval	Date	, 02/06/201	7	Expiration	Date:		
E-mail Addra	ess. idad@	chevron.com				Condition	s of	Annroval·					/
L man radio	Junu @	enevion.com				Condition	5	see attache	d dir	ective	Attached	IJ∕	

01/19/2017

Date:

Phone: 575-263-0424

^{*} Attach Additional Sheets If Necessary

ENVIRONMENTAL PLUS, INC.

2100 Ave 'O' P.O. Box 1558 Eunice, NM 88231 ddominguezepi@gmail.com Office: (575) 394-3481 Fax: (575) 394-2601



Site Characterization and Work Plan

Chevron USA, Inc.
C. P. Falby Federal Tank Battery
Lea County, New Mexico
Unit Letter "L", Section 8, Township 22 South, Range 37 East
Latitude 32.404521 North, Longitude 103.191450 West
NMOCD Reference #1RP-4581

Prepared For:

Chevron USA, Inc. 6301 Deauville Blvd. Midland, Texas 79706

Prepared By:

Environmental Plus, Inc. 2100 Ave 'O' Eunice, NM 88231

March 2017

Daniel Dominguez Project Manager



The following *Site Characterization and Work Plan* serves as a condensed update on field activities undertaken and proposed actions for the afore referenced Site.

Background:

The site is located in Unit Letter L (NW ¼ SW ¼), Section 8, Township 22 South, Range 37 East, approximately three miles south-west of Eunice, in Lea County, New Mexico. The property is owned by Chevron.

The release site is located on the pad and lease road of an active tank battery; latitude 32.404521 North, longitude 103.191450 West. Area Map, Site Location Map, and Sample/Site Map are included as Figure 1, Figure 2, and Figure 3, respectively. The Initial NMOCD Form C-141 indicated that on January 9, 2017 approximately 137 barrels of produced water were released when a ½ inch plug was removed from a tee releasing the fluid. A vacuum truck was dispatched to the site and recovered approximately 130 barrels, resulting in a net loss of 7 barrels of fluid. The visually stained area covers approximately 5,000 square feet. The Initial NMOCD Form C-141 in included as Attachment IV.

NMOCD Site Classification:

A search for water wells was completed utilizing the New Mexico Office of the State Engineer's (NMOSE) website. There are six wells located in the area surrounding the release site (reference *Table 1*). Also, no wells (domestic, agriculture or public) and no bodies of surface water exist within a 1,000-foot radius of the release site (reference *Figure 2*). The NMOSE database indicates average water depth is approximately 119 feet below ground surface (bgs) within a 2,000-meter radius (reference *Attachment II*).

Utilizing this information, the NMOCD guidelines indicate the C.P. Falby Federal Tank Battery release site to have a ranking score of zero. Based on this score, the NMOCD Recommended Remedial Action Levels (RRALs) for this Site were determined as follows: Benzene – 10 mg/Kg, BTEX – 50 mg/Kg, TPH – 5,000 mg/Kg, and Chloride – 1,000 mg/Kg.

The fluid spread out to an area of approximately 72' x 68' north from lined containment to an adjacent caliche lease road.

Delineation Progress:

On January 25, 2017 EPI personnel mobilized on site to collect soil samples to determine the vertical extent of contamination. A total of twelve soil samples were collected from five sample locations; SP1 – SP5. Seven soil samples from each sample location were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate that, other than Chloride at SP2 at surface level, the release area is void of Benzene, BTEX, TPH and Chloride concentrations above NMOCD RRALs (reference *Figure 3* and *Table 2*).

Portions of select soil samples were field tested for organic vapors and chloride concentrations. Soil samples collected for field testing of organic vapors were placed in self-sealing polyethylene bags and allowed to equilibrate to ~70° F. Field testing of organic vapors utilized a Mini-RaeTM Photoionization Detector (PID) equipped with a 10.6 electron-volt (eV) calibrated for benzene



response. Chloride concentrations were determined via use of a LaMotte Chloride Kit (Titration Method).

Soil samples designated for laboratory analyses were collected into laboratory provided glass containers, labeled and inserted into self-sealing polyethylene bags, placed in a cooler, chilled and transported to an independent laboratory for quantification of contaminant concentrations under Chain-of-Custody protocol.

On March 22, 2017 EPI personnel mobilized on site to collect soil samples to determine the horizontal extent of contamination. A total of ten soil samples were collected from five sample locations; SP6 – SP10. All ten soil samples were sent to Cardinal Labs in Hobbs, New Mexico, for Chloride testing. Laboratory analytical results indicate that the area adjacent to the release area, horizontally, is void of Chloride concentrations above NMOCD RRALs (reference *Figure 3* and *Table 2*).

Proposed Actions:

Taking into consideration the release occurred on an active tank battery and lease road, EPI proposes to surface scrape the release area outside the tank battery and then backfill with caliche. The area within lined containment will not be disturbed.

Caliche will be free of deleterious material or rocks or large clumps. Backfilling will continue until the entire excavation is closed. Upon completion of backfill activities, the entire disturbed area will be contoured to blend with lease road area and protected against wind/water erosion.

Revegetation Plan:

As the release area occurred within a bermed tank battery on a lease road, no seeding will be required.

Noxious Weed Management Plan:

In an effort to prevent the spread of noxious weeds such as African Rue, Siberian Elm, Jointed Goatgrass, Russian Olive, Camelthorn, Saltcedar, Starthistle varieties, Hoary Cress and Russian Knapweed, the area will be confirmed to be clear of any noxious weeds. If any are located they will be removed by hand and the area treated with an appropriate herbicide. After a period of three months the area will be examined for noxious weed growth and re-treated if any growth has occurred.

Following completion of NMOCD approved Proposed Actions, EPI will provide a detailed *Final Closure Report* to Chevron and NMOCD personnel. Chevron and EPI personnel would welcome an opportunity to briefly discuss the *Work Plan* at your earliest convenience.



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 Ms. Josepha DeLeon at (432) 425-1528 or via e-mail at jdxd@chevron.com. All official communication should be addressed to:

Ms. Josepha DeLeon Chevron USA, Inc. 6301 Deauville Blvd. Midland, Texas 79706

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez

Environmental Consultant

cc: Olivia Yu, Environmental Specialist – NMOCD District 1, Hobbs, NM Josepha DeLeon, HES Specialist – Compliance Support - Environmental – 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

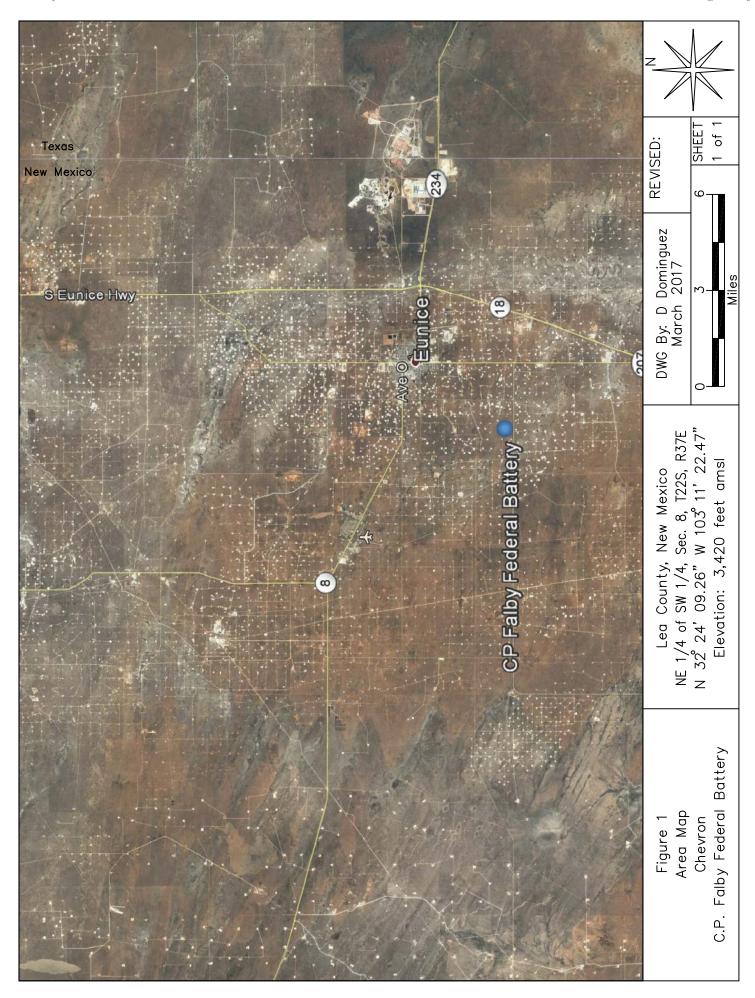
Attachment I – Photographs

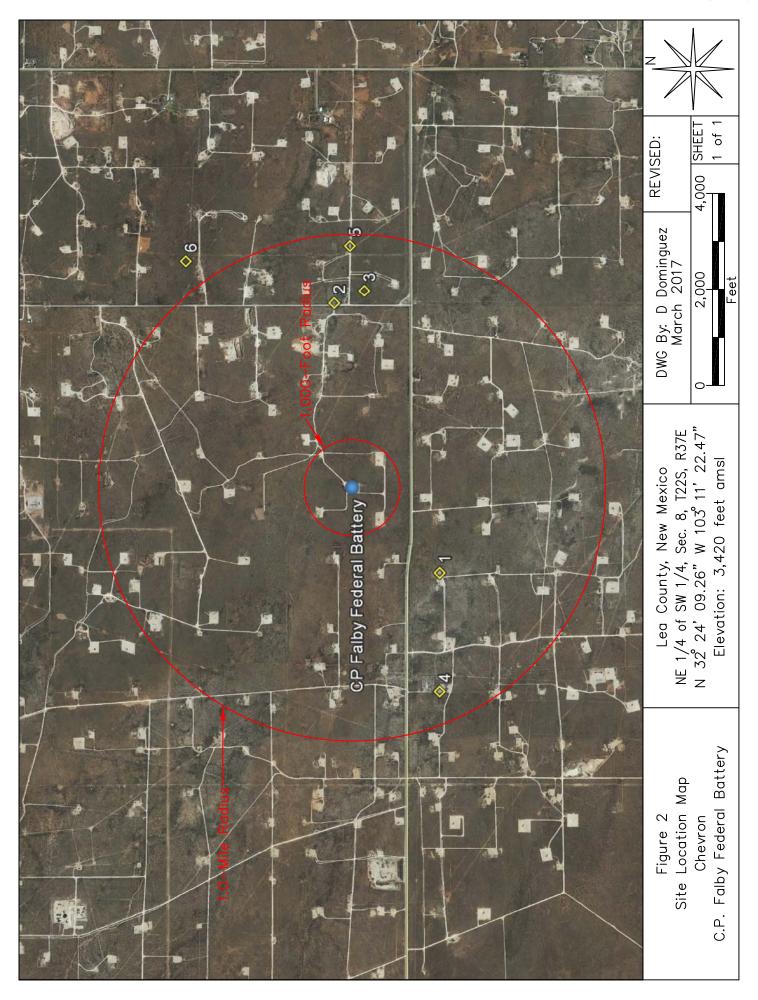
Attachment II – NMOSE Average Depth to Groundwater

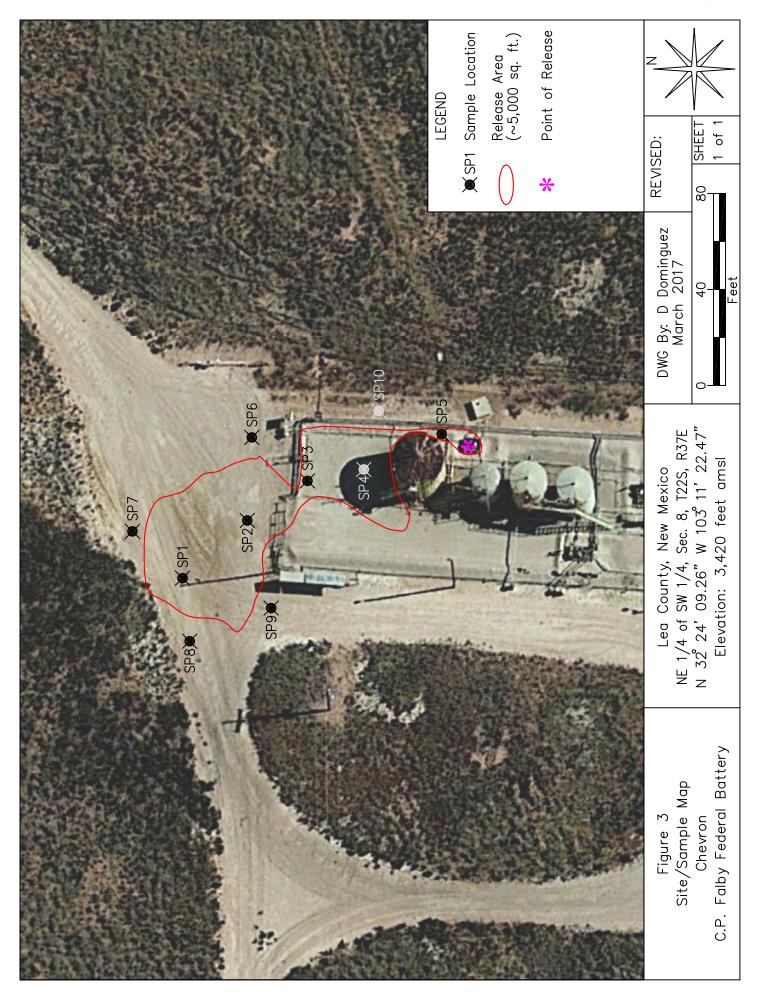
Attachment III – Laboratory Analytical Results

Attachment IV – Copy of Initial NMOCD Form C-141

FIGURES







TABLES

TABLE 1

Chevron - C.P. Falby Federal Battery Well Data

														Dota	Surface	Depth
Ref#	Well Number	Use	Use Diversion ^A	Owner	d64	q16	44	Sec 1	wsp F	Rug I	Sasting	q64 q16 q4 Sec Twsp Rng Easting Northing Distance ^B	Distance ^B	Measured Elevation ^C	Surrace Elevation ^C	to Water
																(ft bgs)
1	CP 00547	SAN	0	NORTHERN NATURAL GAS CO.		2	2	18	2 18 22S 37E	3 E	969699	669696 3585901	827	03-Jul-75	3,421	1
2	CP 01353	DOL	3	CHARLIE BETTIS	3	1	3	6	9 22S 37E	:7E 6	671513	3586640	1,256	1,256 18-May-15	3,409	73
3	CP 00154	COM	8.68	CHARLIE BETTIS	1	3	3	6	9 22S 37E	:7E 6	571600	671600 3586439	1,336		3,403	:
4	CP 00628	SAN	3	NORTHERN NATURAL GAS COMPANY	7	2	1	18	18 22S 37E		668892	3585888	1,504	19-Nov-80	3,431	190
5	CP 00871	DOM	3	BILL TRULL			3	6	9 22S 37E	:7E 6	671902	3586541	1,637	29-Sep-97	3,409	94
9	CP 00560	CPS	0	SKELLY OIL COMPANY	2	1	1	6	22S 3	:7E 6	711778	9 22S 37E 671778 3587646	1,896	-	3,426	:

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1) $^{\mathrm{C}}=\mathrm{Elevation}$ interpolated from USGS topographical map based on referenced location. $^{\mathrm{B}}$ = In meters A = In acre feet per annum

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

SAN = 72-12-1 Sanitary in conjunction with a commercial use

DOL = 72-12-1 Domestic and Livestock watering

DOM = 72-12-1 Domestic one household COM = Commercial

CPS = Cathodic Protection Well

TABLE 2
Summary of Soil Sample Field Test and Laboratory Analytical Results

Chevron

C.P. Falby Tank Battery

Chloride (mg/Kg)	32	-	-	-	48	3,470	:	:	96	336	80	160
_	(7)				7	3,4			5	33	3	1
Total TPH (mg/Kg)	<20.0	1	;	-	<20.0	12.1	-	;	<20.0	<20.0	<20.0	<20.0
DRO C10-C28 (mg/Kg)	<10.0				<10.0	12.1			<10.0	<10.0	<10.0	<10.0
GRO C6-C10 (mg/Kg)	<10.0				<10.0	<10.0			<10.0	<10.0	<10.0	<10.0
Total BTEX (mg/Kg)	<0.300				<0.300	<0.300			<0.300	<0.300	<0.300	<0.300
Total Xylenes (mg/Kg)	<0.150				<0.150	<0.150			<0.150	<0.150	<0.150	<0.150
Ethylbenzene (mg/Kg)	<0.050				<0.050	<0.050			<0.050	<0.050	<0.050	<0.050
Toluene (mg/Kg)	<0.050				<0.050	<0.050			<0.050	<0.050	<0.050	<0.050
Benzene (mg/Kg)	<0.050				<0.050	<0.050			<0.050	<0.050	<0.050	<0.050
Field Chloride (mg/Kg)	200	440	560	560	200	3,600	160	120	120	450	160	240
PID Reading (ppm)	10.8	9.0	6.5	7.9	1.4	3.2	7.8	6.0	3.1	6.6	9.0	8.3
Sample Date	25-Jan-17											
Soil Status	In-Situ											
Depth (feet)	Surface	1	2	3	4	Surface	1	2	3			
Sample ID			SP1				Cas	21.2		SP3	SP4	SP5

TABLE 2 Summary of Soil Sample Field Test and Laboratory Analytical Results

Chevron
C.P. Falby Tank Battery

Sample ID	Depth (feet)	Soil Status	Soil Status Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene]	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)
7 0. 3	Surface	In-Situ	22-Mar-17	0.0	160	;	ł	-	ł	:		!	:	128
oro	3	In-Situ	22-Mar-17	0.0	80	1	-		1		1	:		32
CD7	Surface	In-Situ	22-Mar-17	0.0	08	-	-		-					48
) IS	3	In-Situ	22-Mar-17	0.0	80	-	-		1	-	-	:		16
000	Surface	In-Situ	22-Mar-17	0.0	80	1	1	-	1		1	1		48
91.0	3	In-Situ	22-Mar-17	0.0	80	1	1	-	1	-	1	1	-	32
CDO	Surface	In-Situ	22-Mar-17	0.0	80	1	;	-	1	-	1	1	-	48
616	3	In-Situ	22-Mar-17	0.0	80	1	1	1	1	1	1	1	1	32
0100	Surface	In-Situ	22-Mar-17	0.0	80	1	1	-	1		1	1		64
01.10	3	In-Situ	22-Mar-17	0.0	80	1	1		1		1	:		32
NMOCD Recommended Remedial Action Levels	mmended	l Remedial ∤	Action Levels	100		10				50			5,000	1,000

-- = Not Analyzed **Bold** values are in excess of NMOCD Recommended Remedial Action Levels

ATTACHMENTS

ATTACHMENT I Photographs



Photograph #1- Approximate point of release



Photograph #2- Looking across release area



Photograph #3- Looking across release area



Photograph #4- Looking across release area



Photograph #5- Looking across release area



Photograph #6- Looking across release area



Photograph #7 – Tank battery liner



Photograph #8 – Tank battery liner

ATTACHMENT II NMOSE Average Depth to Groundwater



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW#### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

3 ,	,	`	•					o , (,	`	,	
	POD Sub-		Q C	Q Q							Depth	Depth	Water
POD Number	Code basin C	County	64 1	6 4	Sec	Tws	Rng	Х	Υ	Distance	Well	Water	Column
CP 00547		LE	2	2 2	18	22S	37E	669696	3585901* 🌑	827	200		
CP 01353 POD1	СР	LE	3 1	1 3	09	22S	37E	671514	3586640 🌍	1256	93	73	20
CP 00154 POD2	CP	LE	3 3	3 3	09	22S	37E	671600	3586239*	1360	172		
CP 00628		LE	2	2 1	18	22S	37E	668892	3585888* 🌍	1504	525	190	335
CP 00871		LE		3	09	22S	37E	671902	3586541*	1637	167	94	73
CP 00560 POD1	СР	LE	2 1	1 1	09	22S	37E	671778	3587646* 🎒	1896	350		

Average Depth to Water: 119 feet

> Minimum Depth: 73 feet

Maximum Depth: 190 feet

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 670265.31 Radius: 2000 Northing (Y): 3586501.91

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

ATTACHMENT III Laboratory Analytical Results



February 11, 2017

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: CP FALBY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/03/17 12:40.

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/ga/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.

Celey D. Keene

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

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: 02/03/2017 Sampling Date: 01/25/2017

Reported: 02/11/2017 Sampling Type: Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 1 (SURFACE) (H700282-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2017	ND	2.22	111	2.00	1.91	
Toluene*	< 0.050	0.050	02/07/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	< 0.050	0.050	02/07/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/07/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/07/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	D 104 % 73		0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	
Surrogate: 1-Chlorooctane	85.4	% 35-147	,						
Surrogate: 1-Chlorooctadecane	83.0	% 28-171							

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 394-2601

Received: 02/03/2017 Sampling Date: 01/25/2017

Reported: Sampling Type: Soil 02/11/2017 Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Celey D. Keene UL-K SEC. 8, T22S, R37E

Project Location:

Sample ID: SP 1 (4') (H700282-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/07/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/07/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/07/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/07/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 %	73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/09/2017	ND	416	104	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	
Surrogate: 1-Chlorooctane	90.7	% 35-147	,						
Surrogate: 1-Chlorooctadecane	96.7	% 28-171							

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 394-2601

Received: 02/03/2017 Sampling Date: 01/25/2017

Reported: 02/11/2017 Sampling Type: Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 2 (SURFACE) (H700282-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/07/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/07/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/07/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/07/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	D 106 % 73.6-14		0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3470	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	12.1	10.0	02/07/2017	ND	207	104	200	3.94	
Surrogate: 1-Chlorooctane	80.6	% 35-147	,						
Surrogate: 1-Chlorooctadecane	90.2	% 28-171							

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Celey D. Keene



Analytical Results For:

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

Fax To: (505) 394-2601

Received: 02/03/2017 Sampling Date: 01/25/2017

Reported: Sampling Type: Soil 02/11/2017

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 2 (3') (H700282-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/07/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/07/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/07/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/07/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	
Surrogate: 1-Chlorooctane	88.7	% 35-147	,						
Surrogate: 1-Chlorooctadecane	98.9	% 28-171							

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Analytical Results For:

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

Fax To: (505) 394-2601

Received: 02/03/2017 Sampling Date: 01/25/2017

Reported: Sampling Type: Soil 02/11/2017

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Celey D. Keene

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 3 (3") (H700282-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/08/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/08/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/08/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	194	96.8	200	6.28	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	207	104	200	3.94	
Surrogate: 1-Chlorooctane	87.0	% 35-147	,						
Surrogate: 1-Chlorooctadecane	95.3	% 28-171							

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Celey D. Keine



Analytical Results For:

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

Fax To: (505) 394-2601

Received: 02/03/2017 Sampling Date: 01/25/2017

Reported: 02/11/2017 Sampling Type: Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 4 (2") (H700282-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2017	ND	2.22	111	2.00	1.91	
Toluene*	<0.050	0.050	02/08/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	<0.050	0.050	02/08/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/08/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300 0.300		02/08/2017						
Surrogate: 4-Bromofluorobenzene (PID	105 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	185	92.3	200	2.68	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	198	98.9	200	6.56	
Surrogate: 1-Chlorooctane	80.5	% 35-147	,						
Surrogate: 1-Chlorooctadecane	106 9	6 28-171							

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Celeg & Frence



Analytical Results For:

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

Fax To: (505) 394-2601

Received: 02/03/2017 Sampling Date: 01/25/2017

Reported: 02/11/2017 Sampling Type: Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Celey D. Keene

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 5 (2") (H700282-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/08/2017	ND	2.22	111	2.00	1.91	
Toluene*	< 0.050	0.050	02/08/2017	ND	2.20	110	2.00	1.57	
Ethylbenzene*	< 0.050	0.050	02/08/2017	ND	2.19	109	2.00	1.31	
Total Xylenes*	<0.150	0.150	02/08/2017	ND	6.18	103	6.00	1.32	
Total BTEX	<0.300	0.300	02/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	D 104 % 73.6-14		0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/07/2017	ND	185	92.3	200	2.68	
DRO >C10-C28	<10.0	10.0	02/07/2017	ND	198	98.9	200	6.56	
Surrogate: 1-Chlorooctane	79.4 %	% 35-147	,						
Surrogate: 1-Chlorooctadecane	95.0 9	% 28-171							

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Celey D. Keine



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

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Celey D. Keene

2100 Avenue O, Eunice, NM 88231

P.O. Box 1558, Eunice, NM 88231

Environmental Plus, Inc.

Delivered by: Sample Cool & Infact Yes No	Relinquished by:	5. Time	Sampler Relinquished:		10	9	8	07 7 SP5 (2")	0 6 SP4 (2")	0 5 SP3 (3")	0 4 4 SP2 (3')			2 2 5 1 (2)	SP1 (Surface)	LAB I.D. SAMPLE I.D.		EPI Sampler Name David Robinson	Project Reference	UL-K Sec. 8, T22S,	Facility Name CP Falby Tank Battery	Client Company Chevron	EPI Phone#/Fax# 575-394-3481 / 575-394-2601	City, State, Zip Eunice New Mexico 88231		EPI Project Manager Daniel Dominguez	Company Name Environmental Plus, Inc.	(575) 394-3481 FAX: (575) 394-2601
Cool &	Received By:	2	Decei					G	G	G	G	G	G	9	o.	(G)RAB OR (C)OMF	۶.	1		R37E	ery		394-	882		١	s, In	3
No No	ed By		A B		4			_	1	_	-	-	-	Ŀ	4	# CONTAINERS] [m			260	231	-	-	°'	
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		E-mail results to: ddominguezepi@gmail.com & bboone.epi@gmail.com NOTES:						25-Jan-17	25-Jan-17	25-Jan-17	25-Jan-17	25-Jan-17	25-Jan-17	25-Jan-1/	26 lan 47	DATE	SAMPLING	Eunice, NM 88231	P.O. Box 1558	Attn: Daniel Dominguez							То	
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Chain of Custody Form Page 1 of 1

Page 10 of 10



March 24, 2017

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: CP FALBY TANK BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/22/17 15:30.

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/ga/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.

Celey D. Keene

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

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: 03/22/2017 Reported: 03/24/2017

Project Name: CP FALBY TANK BATTERY

Project Number: NONE GIVEN

Project Location: UL-K SEC. 8, T22S, R37E

Sampling Date: 03/22/2017

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP 6 (SURFACE) (H700741-01)

Chloride, SM4500CI-B	J. J			d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/23/2017	ND	416	104	400	3.77	
Sample ID: SP 6 (3') (H7	00741-02)								
Chloride, SM4500CI-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/23/2017	ND	416	104	400	3.77	
Sample ID: SP 7 (SURFA	CE) (H700741	-03)							
Sample ID: SP 7 (SURFA		-							
Chloride, SM4500CI-B	mg	/kg	-	d By: AC	D.C.	0/ December	True Value OC	DDD	Qualifier
•		-	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500CI-B	mg	/kg	-	-	BS 416	% Recovery	True Value QC 400	RPD 3.77	Qualifier
Chloride, SM4500CI-B Analyte	Result	/kg Reporting Limit	Analyzed	Method Blank		,	•		Qualifier
Chloride, SM4500CI-B Analyte Chloride	Result	Reporting Limit	Analyzed	Method Blank ND		,	•		Qualifier
Chloride, SM4500Cl-B Analyte Chloride Sample ID: SP 7 (3') (H7	Result 48.0 00741-04)	Reporting Limit	Analyzed 03/23/2017	Method Blank ND		,	•		Qualifier

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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: 03/22/2017 Sampling Date: 03/22/2017

Reported: 03/24/2017 Sampling Type: Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 8 (SURFACE) (H700741-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/23/2017	ND	416	104	400	3.77	
Sample ID: SP 8 (3') (H7	00741-06)								
Sample ID: SP 8 (3') (H7 Chloride, SM4500Cl-B	00741-06) mg,	/kg	Analyze	d By: AC					
	-	/kg Reporting Limit	Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Sample ID: SP 9 (SURFACE) (H700741-07)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/23/2017	ND	416	104	400	0.00	

Sample ID: SP 9 (3') (H700741-08)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/23/2017	ND	416	104	400	0.00	

Sample ID: SP 10 (SURFACE) (H700741-09)

Chloride, SM4500CI-B	mg/kg		Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/23/2017	ND	416	104	400	0.00	

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Celey D. Keene



Analytical Results For:

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

Received: 03/22/2017 Sampling Date: 03/22/2017

Reported: 03/24/2017 Sampling Type: Soil

Project Name: CP FALBY TANK BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: UL-K SEC. 8, T22S, R37E

Sample ID: SP 10 (3') (H700741-10)

Chloride, SM4500Cl-B	mg/kg			Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/23/2017	ND	416	104	400	0.00	

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Celey D. Keine



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

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Celeg D. Keene

Page 1 of 1

Page 6 of 6

ATTACHMENT IV Copy of Initial NMOCD Form C-141

Form C-141

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III $1000\ \mathrm{Rio}\ \mathrm{Brazos}\ \mathrm{Road},\ \mathrm{Aztec},\ \mathrm{NM}\ 87410$ District IV
1220 S. St. Francis Dr. Santa Fe. NM 87505

State of New Mexico **Energy Minerals and Natural Resources**

Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

1220 S. St. 1 lan	cis Di., Sain	a 1 c, 14141 67505	<u> </u>	Sa	inta F	e, NM 8	750:	5					
			Rele	ease Notific	atio	n and (Cor	rective A	ctio	1			
						OPER	AT(OR			al Report		Final Report
Name of Co	mpany: (Chevron USA	Inc.			Contact: Josepha DeLeon							
		ille Blvd., M	Iidland, T	TX 79706		Telephone No.: wk: 575-263-0424 Cell: 432-425-1528							
Facility Nar	ne: F. B.	Falby				Facility 7	Гуре:	Gas Well					
Surface Ow	ner: Fede	ral		Mineral C	wner:	Federal				API No	. 3002510	106	
				LOCA	TIO	N OF R	ELI	EASE					
Unit Letter	Section	Township	Range	Feet from the		/South Lin		Feet from the	East/	West Line	County		
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	<u> </u>]										
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				NAT	URE	OF RE	LEA	ASE					
Type of Rele	ase: Spill							elease: 137 bar	rrels		Recovered:	130 ba	rrels
Source of Re	lease: Pum	noing Unit				Date an		er ar of Occurrenc	e:	produced Date and	water Hour of Dis	coverv	:
						01/09/2	017:	02:19 PM			7: 02:19 PI		•
Was Immedia	ate Notice (Yes	No Not Re	eanired	If YES, Maxey							
By Whom?	Iosie Del e				quired	•		ır: 01/09/2017	. 03.59	PM			
Was a Water								me Impacting t					
			Yes 🗵] No									
	ırse was Im	pacted, Descr	ibe Fully.*	k			DI	ECEIVE	ח				
NA										0.44			004
							By	Olivia Y	'u at	3:14 p	m, Feb	06,	2017
Describe Cau	ise of Probl	em and Reme	dial Action	n Taken.*									
A ½" plug v	vas remov	ed from a tee	on disch	narge side of pur	np un	derneath tr	ansm	nitter on trans	fer pur	np resultin	g in release	e. Isola	ated lease to
replace plug					•				•	•			
Describe Are	a Affected	and Cleanup A	Action Tak	ken.*									
Eluid mon mo	lagged int	a tha hamaa	l accomdo	m. contoinment	Voor	+	· *** *** ** *	stad standing l	lianid	Рассиона	d 120 hama	1	duand
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				e is true and comp nd/or file certain r									
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should their of	perations h	nave failed to a	adequately	investigate and r	emedia	te contamir	nation	that pose a thr	eat to g	round water	, surface wa	ter, hu	man health
		addition, NMC ws and/or regu		otance of a C-141	report	does not rel	lieve t	the operator of	respons	sibility for c	ompliance w	ith any	/ other
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						прриотеа	oj Li	i vii oiiiii ciitaa 15	peciani				
Printed Name	e: Josepha	DeLeon										<u> </u>	
Title: HES S	pecialist –	Compliance S	upport - F	nvironmental		Approval	Date:	02/06/201	7	Expiration	Date:		
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E-mail Addre	zss. juxu@	chevion.com				Condition	s of A	ee attache	d dire	ective	Attached	□\/	

01/19/2017

Date:

Phone: 575-263-0424

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 163177

CONDITIONS

Operator:	OGRID:
SOUTHWEST ROYALTIES INC	21355
P O BOX 53570	Action Number:
Midland, TX 79710	163177
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwel	None	3/1/2023