TETRA TECH

March 10, 2023

District Supervisor
Oil Conservation Division, District 2
506 W. Texas Ave.
Artesia, New Mexico 88210

Re: Closure Report
ConocoPhillips Company
James E Upper Battery Load Line Release
Unit Letter E, Section 12, Township 22 South, Range 30 East
Eddy County, New Mexico
Incident ID nAB1617331258

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess a release that occurred from the load line associated with the James E Upper Battery, approximately 70 feet (ft) west-northwest of the adjacent wellhead. The release footprint is located in Public Land Survey System (PLSS) Unit Letter E, Section 12, Township 22 South, Range 30 East, in Eddy County, New Mexico (Site). The approximate release point occurred at coordinates 32.408644°, -103.840877°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release was discovered on June 15, 2016. The release occurred when a storm blew over a catwalk, pulling out the load line from a fiberglass tank at the James E Upper Battery. This resulted in a release of 10 barrels (bbls) of produced water, of which none was recovered. The New Mexico Oil Conservation District (NMOCD) received the C-141 report form for the release on June 17, 2016 via email. The NMOCD subsequently assigned the release the Incident ID nAB1617331258.

The nAB1617331258 release is included in an Agreed Compliance Order-Releases (ACO-R) between COP and the NMOCD signed on May 7 and 9, 2019, respectively. As of March 11, 2022, COPC has submitted a characterization and remediation plan for the Site. All documentation was submitted in accordance with ACO terms. These documents have been submitted to the NMOCD via CentreStack, a Secure Access & File Sharing platform, at the direction of Mr. Bradford Billings, NMOCD. The Release Characterization and Remediation Work Plan previously completed by Tetra Tech was included as a portion of the ACO.

Based on a recent review of the above-mentioned report, it was discovered that the Site was inadvertently characterized as within a high karst potential area. According to the NMOCD Oil and Gas Map GIS database, the Site is not in a high karst area (Appendix B). Thus, the site characterization and, consequently, the recommended remedial action levels (RRALs) for Incident ID nAB1617331258 have been revised as detailed below. A Revised Work Plan was prepared by Tetra Tech and submitted to the NMOCD on October 19, 2022.

LAND OWNERSHIP

The Site is located on land owned by the Bureau of Land Management (BLM). Following an unrelated 2021 release at the facility, an archaeological survey within the pasture areas to the north of this footprint was requested by the BLM. The BLM cleared the Site for remediation activities following a review of the survey

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which was conducted on November 11, 2021. An additional survey was completed on February 2, 2022, and the BLM cleared the Site for assessment and/or remediation activities in April 2022.

REVISED SITE CHARACTERIZATION

A site characterization was performed and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, private domestic water wells, springs, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is in an area of medium karst potential.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within 800 meters (approximately ½ mile) of the Site. However, there is one (1) water well within 5,000 meters (approximately 3 miles) of the Site with a depth to groundwater of 262 feet below ground surface (bgs). As the available water level information is from wells farther than ½ mile away from the site, COP elected to use drilled boring data to verify depth to groundwater. A boring (BH-1) drilled at the release footprint as a portion of the assessment work was drilled to 55 feet bgs. The borehole was dry upon completion, and soils were dry from surface to total depth. The site characterization data, along with the boring log for the 55-foot boring, is included in Appendix B.

REGULATORY FRAMEWORK

Based upon the release footprint and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine RRALs for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chloride in soil.

Based on the site characterization and in accordance with Table I of 19.15.29.12 NMAC, the revised RRALs for the Site are as follows:

Constituent	Site RRAL
Chloride	10,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
BTEX	50 mg/kg

Additionally, in accordance with the NMOCD guidance *Procedures for Implementation of the Spill Rule (19.15.29 NMAC)* (September 6, 2019), the following reclamation requirements for surface soils (0-4 feet bgs) outside of active oil and gas operations are as follows:

Constituent	Reclamation Requirement
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg
BTEX	50 mg/kg

SITE ASSESSMENT

Photographs of the nAB1617331258 release dated June 17, 2016 demonstrate that the release was confined to the fiberglass tank's lined containment area. However, the initial C-141 reports that no free liquids were recovered during initial response activities. On behalf of COP, Tetra Tech conducted a visual Site inspection in July 2020 to evaluate current Site conditions. During this inspection, Tetra Tech personnel observed that the fiberglass tank had been removed and the earthen berm was left in place. Photographic documentation of the release event and the visual Site inspection is included as Appendix C.

Tetra Tech personnel conducted soil sampling on December 9, 2020 on behalf of COP. One hand auger (1) boring, AH-1, was advanced within the release extent to a depth of 7 feet bgs, and four (4) hand auger

borings (AH-2 through AH-5) were advanced along the perimeter of the release extent to depths of 2 feet bgs. On January 12, 2021, Tetra Tech returned to the Site to complete horizontal and vertical delineation of the release extent. One (1) boring (BH-1) was installed inside the release footprint using an air rotary drilling rig to a depth of 55 feet bgs to achieve vertical delineation of the release. One (1) hand auger boring (AH-6) was advanced to the west of the release extent to a depth of 4 feet bgs to complete horizontal delineation of the release. Figure 3 depicts the release extent and the soil boring locations, and GPS coordinates for the boring locations are presented in Table 1. The soil boring log for boring location BH-1 is included in Appendix B. Groundwater was not encountered during the soil assessment activities.

A total of twenty-eight (28) samples were collected from the seven (7) borings (BH-1 and AH-1 through AH-6) and submitted to Pace Analytical National Center for Testing & Innovation (Pace) in Nashville, Tennessee to be analyzed for chlorides via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B.

SUMMARY OF SAMPLING RESULTS

Results from the December 2020 and January 2021 soil sampling events are summarized in Table 2. The analytical results associated with the interior boring location AH-1 exceeded the Site chloride RRAL of 10,000 mg/kg in the 5-6 feet bgs sample depth interval. There were no other analytical results which exceeded the chloride RRAL (600 mg/kg) during the soil assessment. The analytical results associated with AH-1 exceeded the Site TPH RRAL of 2,500 mg/kg in the 0-1 feet bgs and 1-2 feet bgs sample intervals. The analytical results associated with the remainder of the samples analyzed were below the TPH Site RRAL. There were no analytical results that exceeded the Site BTEX RRAL of 50 mg/kg.

The chloride concentration in the 34-35 feet bgs interval at boring location BH-1 was below the delineation standard of 600 mg/kg, but vertical delineation of the release was not completed because chloride concentrations increased again in the 39-40 feet bgs (1,050 mg/kg) and 44-45 feet bgs (2,170 mg/kg) sample intervals. However, the Site is located in an area with abundant potash reserves, and so naturally occurring soluble mineral salts such as sylvite (KCl) would lead to natural variations of chloride in the soils of the region. Given the depth to groundwater at the site and the naturally occurring mineral salts in soil concentrations at depth, the release is considered vertically delineated.

REMEDIATION WORK PLAN AND ALTERNATIVE CONFIRMATION SAMPLING PLAN

As mentioned above, the Revised Release Characterization Work Plan (Work Plan) was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to NMOCD on October 19, 2022, with fee application payment PO Number 0BBD9-221019-C-1410. The Work Plan described the results of the initial response activities, release assessment and provided characterization of the impact at the site. The Work Plan was approved via email by Brittany Hall of the NMOCD on Monday, January 9, 2023, with the following conditions:

- *Remediation plan approved. Alternative sampling plan of confirmation samples representative of 500 square feet denied. OCD will approve confirmation samples representative of no more than 400 square feet.*
- *2RP-3748 closed. Refer to incident #nAB1617331258 for all future communication.*
- *Submit a complete report through the OCD Permitting website by 4/14/2023.*

Documentation of associated regulatory correspondence is included in Appendix D.

REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From February 20 to February 22, 2023, Tetra Tech personnel were onsite to supervise the remediation activities proposed in the approved Work Plan, including excavation, disposal, and confirmation sampling. Prior to confirmation sampling, on February 20, 2023, the NMOCD district office was notified via email in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix D.

Per the approved Work Plan, impacted soils were excavated as shown in Figure 4. The area within the release footprint was excavated to a depth of 6 feet below surrounding grade. All excavated material was transported offsite for proper disposal. Approximately 102 cubic yards of material were transported to the R360 Facility in Hobbs, New Mexico. Copies of the waste manifests are included in Appendix E.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Per the conditions of the Work Plan approval, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 400 square feet of excavated area. A total of one (1) confirmation floor sample and four (4) confirmation sidewall samples were collected during remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas and depths and confirmation sample locations are indicated in Figure 4.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. The analytical results were directly compared to the established Site RRALs to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH and BTEX. The results of the February 2023 confirmation sampling event are summarized in Table 3. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F.

SITE RECLAMATION AND RESTORATION

As described in the approved Work Plan, the Site is restricted to an active production caliche well pad; therefore, no Site reclamation is warranted at this time. At time of well plugging and abandonment, final reclamation shall take place in accordance with 19.15.29.13 NMAC.

CONCLUSION

ConocoPhillips respectfully requests closure of the incident based on the confirmation sampling results and remediation activities performed. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the remediation activities for the Site, please call me at (512) 217-7254 or Christian at (512) 338-2861.

Sincerely,
Tetra Tech, Inc.

Ryan C Dickerson
Project Lead

Christian M. Llull, P.G.
Project Manager

cc:
Mr. Sam Widmer, RMR – ConocoPhillips
Mr. Charles Beauvais, GPBU – ConocoPhillips
Ms. Shelly Tucker, BLM

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LIST OF ATTACHMENTS

Figures:

Figure 1 – Site Location Map
Figure 2 – Topographic Map
Figure 3 – Site Assessment Map
Figure 4 – Remediation Extent and Confirmation Sampling

Tables:

Table 1 – Boring Location Coordinates
Table 2 – Summary of Analytical Results – Soil Assessment
Table 3 – Summary of Analytical Results – Confirmation Sampling

Appendices:

Appendix A – C-141 Forms
Appendix B – Site Characterization Data
Appendix C – Photographic Documentation
Appendix D – Regulatory Correspondence
Appendix E – Waste Manifests
Appendix F – Laboratory Analytical Data

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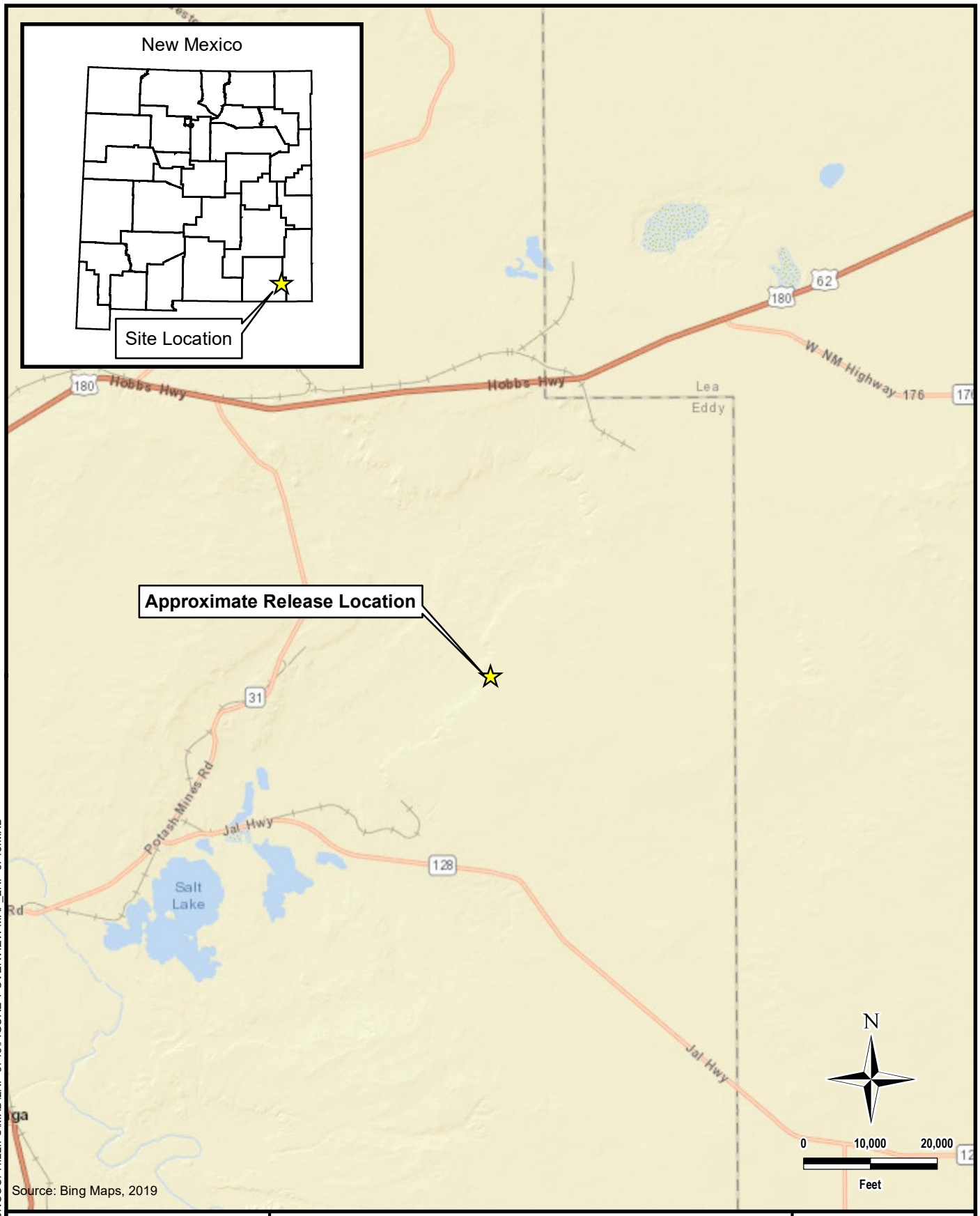
FIGURES



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\2RP-3748\FIGURE 1 OVERVIEW MAP_2RP-3748.MXD

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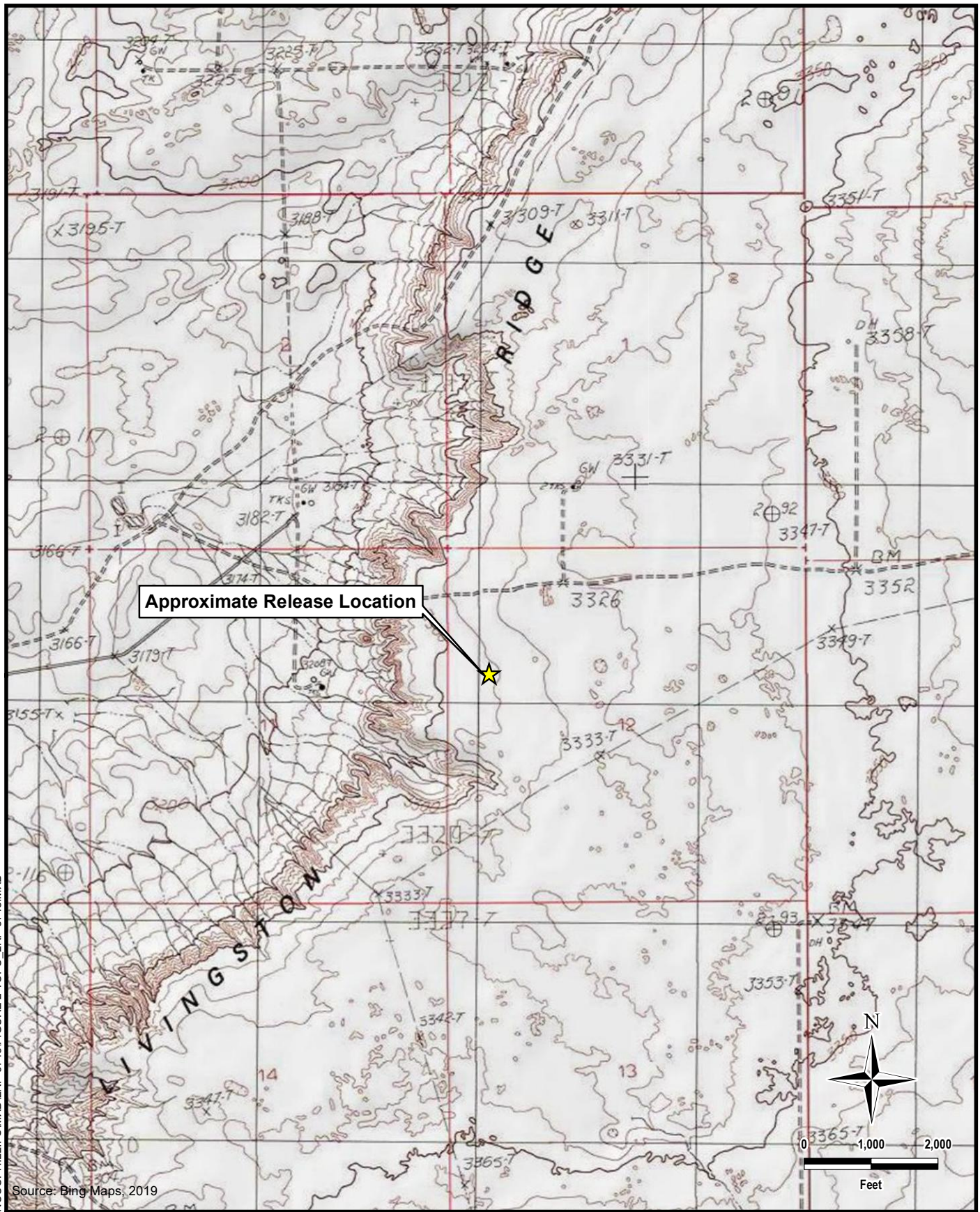
CONOCOPHILLIPS

1RP-3748
(32.408644°, -103.840877°)
LEA COUNTY, NEW MEXICO

JAMES E UPPER BATTERY LOAD LINE RELEASE
OVERVIEW MAP

PROJECT NO.:	212C-MD-02334
DATE:	FEBRUARY 16, 2021
DESIGNED BY:	AAM

Figure No.
1



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TETRA TECH

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CONOCOPHILLIPS

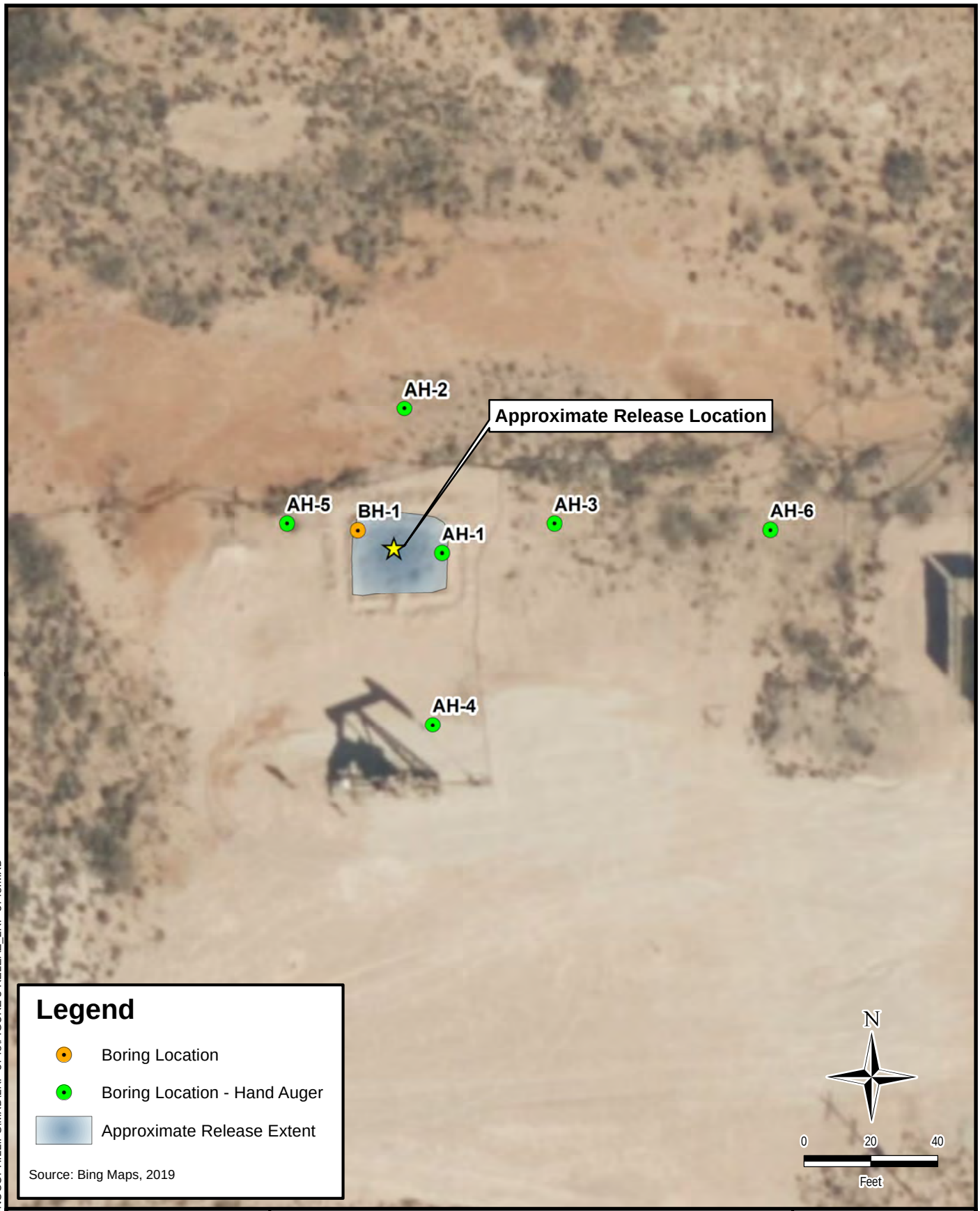
1RP-3748
(32.408644°, -103.840877°)
LEA COUNTY, NEW MEXICO

JAMES E UPPER BATTERY LOAD LINE RELEASE
TOPOGRAPHIC MAP

PROJECT NO.:	212C-MD-02334
DATE:	FEBRUARY 16, 2021
DESIGNED BY:	AAM

Figure No.

2



DOCUMENT PATH: D:\CONOCOPHILLIPS\MXD\2RP-3748\FIGURE 3 RELEAE_2RP-3748.MXD

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CONOCOPHILLIPS

2RP-3748
(32.408644°, -103.840877°)
LEA COUNTY, NEW MEXICO

JAMES E UPPER BATTERY LOAD LINE RELEASE
SITE ASSESSMENT MAP

PROJECT NO.:	212C-MD-02827
DATE:	SEPTEMBER 27, 2022
DESIGNED BY:	AAM

Figure No.
3

DOCUMENT PATH: C:\USERS\LISSA.VILLAMIN\ONEDRIVE - TETRA TECH, INC\DOCUMENTS\LLULL\COP\JAMES_E_UPPER_LOAD_LINE\MXD\FIGURE 4 REMEDIATION AND CONFIRMATION_JAMES E UPPER LOAD LINE.MXD

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CONOCOPHILLIPS

NAB1617331258
(32.408644°, -103.840877°))
LEA COUNTY, NEW MEXICO

JAMES E UPPER BATTERY LOAD LINE RELEASE
REMEDIATION EXTENT AND CONFIRMATION SAMPLING

PROJECT NO.:	212C-MD-02827
DATE:	MARCH 09, 2023
DESIGNED BY:	LMV

Figure No.
4

TABLES

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TABLE 1
BORING LOCATION COORDINATES
SOIL ASSESSMENT - nAB1617331258
CONOCOPHILLIPS
JAMES E UPPER BATTERY LOAD LINE RELEASE
EDDY COUNTY, NM

Boring ID	Latitude	Longitude
AH-1	32.408640	-103.840830
AH-2	32.408759	-103.840866
AH-3	32.408664	-103.840721
AH-4	32.408499	-103.840840
AH-5	32.408665	-103.840980
AH-6	32.408658	-103.840512
BH-1	32.408659	-103.840912

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TABLE 2
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT - nAB1617331258
CONOCOPHILLIPS
JAMES E UPPER BATTERY LOAD LINE RELEASE
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval	Field Screening Results		Chloride[1]		BTEX[2]									TPH[3]							
							Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX	GRO[4] C_3 - C_{10}		DRO C_{10} - C_{28}		ORO C_{28} - C_{40}		Total TPH (GRO+DRO+ORO)
		ft. bgs	Chloride (ppm)	PID (ppm)	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
AH-1	12/9/2020	0-1	-	-	1,650		< 0.00113		< 0.00566		< 0.00283		< 0.00736		-	8.79		4220		3060		***7,289***
		1-2	-	-	1,190		< 0.00112		< 0.00562		< 0.00281		< 0.00730		-	31.8		2230		1320		***3,582***
		2-3	-	-	1,900		< 0.00115		< 0.00574		< 0.00287		< 0.00746		-	< 0.107		3.08	J	5.39	B	8.47
		3-4	-	-	3,100		< 0.00119		< 0.00596		< 0.00298		< 0.00775		-	< 0.110		< 4.38		1.04	B J	1.04
		5-6	-	-	***10,100***		< 0.00125		< 0.00623		< 0.00312		< 0.00810		-	0.171	B	28.3		22.9	B	51.4
		6-7	-	-	9,720		< 0.00123		< 0.00615		< 0.00307		< 0.00799		-	0.177	B	44.7		38.4		83.3
AH-2	12/9/2020	0-1	-	-	9.46	J	< 0.00102		< 0.00509		< 0.00255		< 0.00662		-	0.139	B	14.0		45.7		59.8
		1-2	-	-	186		< 0.00106		< 0.00531		< 0.00265		< 0.00690		-	< 0.103		25.4		45.9		71.3
AH-3	12/9/2020	0-1	-	-	30.1		< 0.00102		< 0.00512		< 0.00256		< 0.00665		-	0.253	B	34.0		88.6		123
		1-2	-	-	25.0		< 0.00105		< 0.00525		< 0.00262		< 0.00682		-	0.0421	B J	17.4		43.8		61.2
AH-4	12/9/2020	0-1	-	-	< 20.5		< 0.00105		< 0.00527		< 0.00264		< 0.00685		-	0.0262	B J	< 4.11		1.41	B J	1.44
		1-2	-	-	< 20.4		< 0.00104		< 0.00522		< 0.00261		< 0.00679		-	< 0.102		< 4.09		1.53	B J	1.53
AH-5	12/9/2020	0-1	-	-	236		< 0.00107		< 0.00534		< 0.00267		< 0.00694		-	< 0.103		34.4		60.0		94.4
		1-2	-	-	< 20.2		< 0.00102		< 0.00510		< 0.00255		< 0.00663		-	0.125	B	6.03		5.25	B	11.4
AH-6	1/12/2021	0-1	391	0.4	54.4		< 0.00109		< 0.00545		< 0.00273		< 0.00709		-	< 0.105		138		506		644
		3-4	437	0.7	88.1		< 0.00112		< 0.00558		< 0.00279		< 0.00726		-	< 0.106		64.5		236		301
BH-1	1/12/2021	0-1			2,950		< 0.00113		< 0.00564		< 0.00282		< 0.00733		-	< 0.106		< 4.25		2.46	J	2.46
		2-3			697		< 0.00110		< 0.00548		< 0.00274		< 0.00712		-	< 0.105		< 4.19		4.61		4.61
		4-5			877		< 0.00108		< 0.00538		< 0.00269		< 0.00699		-	< 0.104		< 4.15		4.85		4.85
		6-7			4,970		< 0.00119		< 0.00596		< 0.00298		< 0.00775		-	< 0.110		< 4.38		1.51	J	1.51
		9-10			8,560		< 0.00123		< 0.00614		< 0.00307		< 0.00798		-	< 0.111		< 4.45		< 4.45		-
		14-15			5,240		< 0.00112		< 0.00559		< 0.00279		< 0.00726		-	< 0.106		< 4.23		< 4.23		-
		19-20			3,710		< 0.00110		< 0.00550		< 0.00275		< 0.00715		-	< 0.105		< 4.20		< 4.20		-
		24-25			4,020		< 0.00126		< 0.00628		< 0.00314		< 0.00817		-	< 0.113		< 4.51		< 4.51		-
		29-30			1,630		< 0.00119		< 0.00595		< 0.00298		< 0.00774		-	< 0.110		< 4.38		< 4.38		-
		34-35			377		< 0.00111		< 0.00557		< 0.00278		< 0.00724		-	< 0.106		< 4.23		3.07	J	3.07
		39-40			1,050		< 0.00117		< 0.00583		< 0.00291		< 0.00758		-	< 0.108		< 4.33		< 4.33		-
		44-45			2,170		< 0.00136		< 0.00682		< 0.00341		< 0.00887		-	< 0.118		< 4.73		< 4.73		-

NOTES:

ft. Feet

bgs Below ground surface

ppm Parts per million

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

ORO Oil range organics

Bold and italicized values indicate exceedance of proposed RRALs

1 EPA Method 300.0

2 EPA Method 8260B

3 EPA Method 8015

4 EPA Method 8015D/GRO

QUALIFIERS:

B The same analyte is found in the associated blank.

J The identification of the analyte is acceptable; the reported value is an estimate.

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TABLE 3
SUMMARY OF ANALYTICAL RESULTS
NAB1617331258 - CONFIRMATION SAMPLING
CONOCOPHILLIPS
JAMES E UPPER BATTERY LOAD LINE RELEASE
EDDY COUNTY, NM

19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (51-100 ft):				Chlorides[1]		BTEX[2]										TPH[3]						
				< 10,000 mg/kg		< 10 mg/kg								< 50 mg/kg		GRO		DRO		EXT DRO		< 2,500 mg/kg
Sample ID	Sample Date	Sample Depth Interval	Field Screening Results	Chloride		Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		C_6 - C_{10}		> C_{10} - C_{28}		> C_{28} - C_{36}		Total TPH (GRO+DRO+EXT DRO)
		ft. bgs	Chlorides ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
FS-1	2/20/2023	6	1,016	912		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
ESW-1	2/20/2023	-	568	304		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SSW-1	2/20/2023	-	461	272		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
NSW-1	2/20/2023	-	167	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW-1	2/20/2023	-	419	448		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		115		41.1		156.1

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M

Bold and italicized values indicate exceedance of proposed RRALs.

APPENDIX A
C-141 Forms

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

NM OIL CONSERVATION
ARTESIA DISTRICT
JUN 20 2016
RECEIVED

Form C-141
Revised August 8, 2011
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

fAB1617331053
nAB1617331258

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: **ConocoPhillips** 219138	Contact: **Jose A Zepeda**
Address: **1410 N West County Road**	Telephone No. **575-391-3165**
Facility Name: **James E Upper Battery**	Facility Type: **Load Line**

Surface Owner:	Mineral Owner: N/A	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	12	22	30E					**Eddy**

Latitude 32.4123 **Longitude** -103.848

NATURE OF RELEASE

Type of Release: **Produce Water**	Volume of Release: 10	Volume Recovered: 0
Source of Release: **Load Line**	Date and Hour of Occurrence **06/15/2016 1730**	Date and Hour of Discovery **SAME**
Was Immediate Notice Given? ☐ Yes ☒ No ☐ Not Required	If YES, To Whom? Jamie Keyes	
By Whom? **Jose A Zepeda**	Date and Hour: **06/17/16 0650 via email**	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

N/A

Describe Cause of Problem and Remedial Action Taken.*
On June 15, 2016 at 1730 MDT at James E Upper Battery a release occurred when a storm blew over a catwalk pulling out a load line from a fiberglass tank, resulting in a release of 10 bbls of Produced Water with 0 bbls recovered. Immediate action was to shut in location. Spill site will be remediated according to COPC and NMOCD guidelines.

Describe Area Affected and Cleanup Action Taken.*

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

Signature: JOSE A ZEPEDA

Printed Name: Jose A Zepeda

Title: LEAD HSE

E-mail Address: ***Jose. A. Zepeda@conocophillips.com***

Date: 06/17/2016 Phone:575-391-3165

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Approval Date: 6/21/16 Expiration Date: N/A

Conditions of Approval:
Remediation per O.C.D. Rules & Guidelines
SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 7/21/16

Attached ☐

* Attach Additional Sheets If Necessary

2RP-3748

State of New Mexico
Oil Conservation Division

Incident ID	nAB1617331258
District RP	2RP-3748
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?	262 (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?	☐ Yes ☑ No
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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAB1617331258
District RP	2RP-3748
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: Sam Widmer Title: Principal Program Manager

Signature: DocuSigned by: Sam Widmer 5454CA5BAD33498... Date: Oct-17-2022

email: Sam.Widmer@conocophillips.com Telephone: 281-206-5298

OCD Only

Received by: Jocelyn Harimon Date: 10/19/2022

State of New Mexico
Oil Conservation Division

Incident ID	nAB1617331258
District RP	2RP-3748
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be 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 confirmed as part of any request for deferral of remediation.***

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Sam Widmer Title: Principal Program Manager

Signature: DocuSigned by: Sam Widmer 5454CA5BAD33498... Date: Oct-17-2022

email: Sam.Widmer@conocophillips.com Telephone: 281-206-5298

OCD Only

Received by: Jocelyn Harimon Date: 10/19/2022

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Brittany Hall Date: 01/09/2023

Alternative sampling plan of confirmation samples representative of 500 square feet denied. OCD will approve confirmation samples representative of no more than 400 square feet.

State of New Mexico
Oil Conservation Division

Incident ID	nAB1617331258
District RP	
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 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☑ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☑ Description of remediation activities

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Sam Widmer Title: Principal Program Manager

Signature: DocuSigned by: Sam Widmer 5454CA5BAD33498... Date: Mar-10-2023

email: Sam.Widmer@conocophillips.com Telephone: 281-206-5298

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

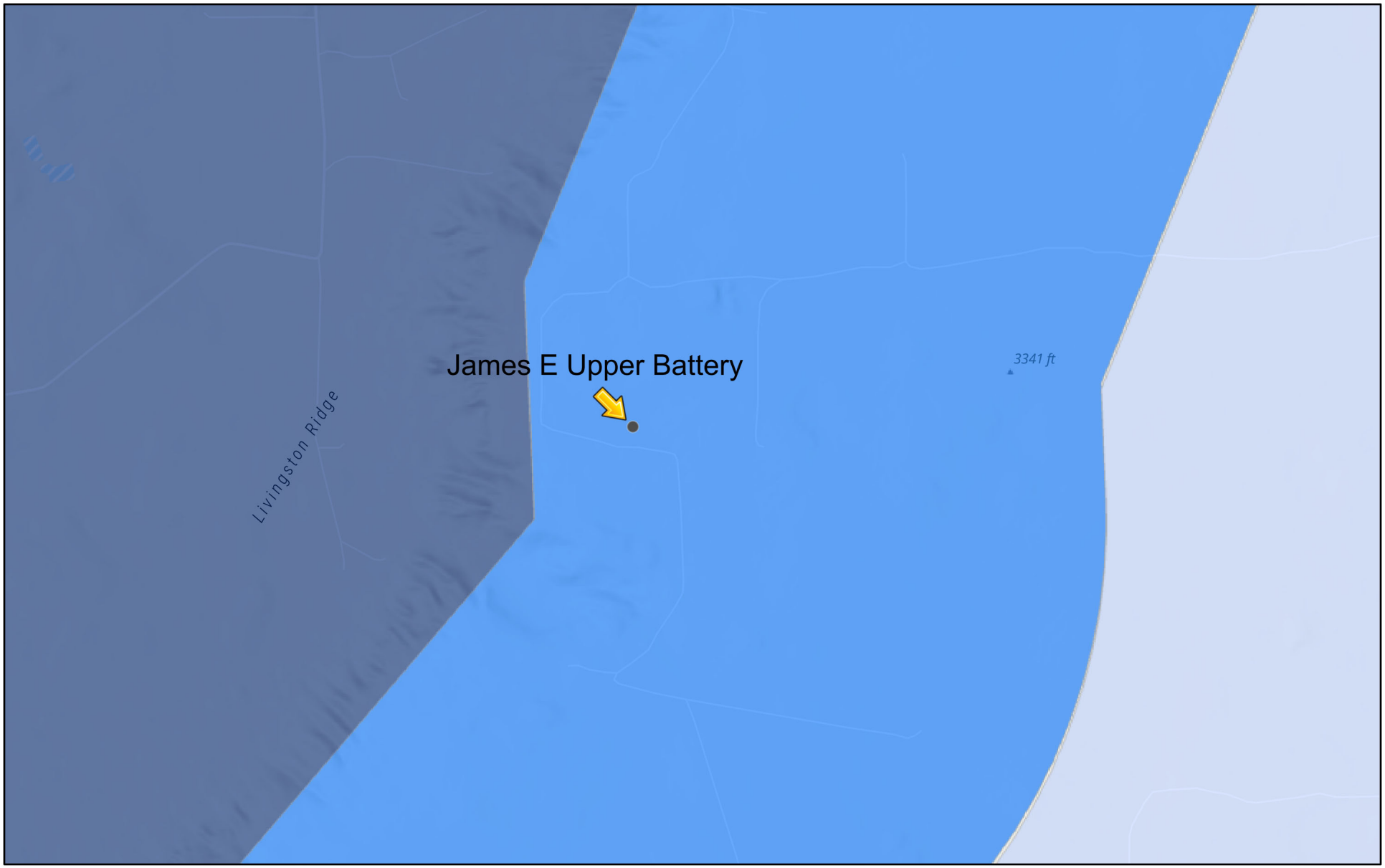
Closure Approved by: Brittany Hall Date: 3/14/2023

Printed Name: Brittany Hall Title: Environmental Specialist

APPENDIX B
Revised Site Characterization

Released to Imaging: 3/14/2023 11:55:00 AM
Received by OCD: 3/10/2023 1:54:38 PM

NMOCD Karst Potential Map



9/26/2022, 4:21:28 PM

Override 1

Karst Occurrence Potential

High

Medium

Low

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks &

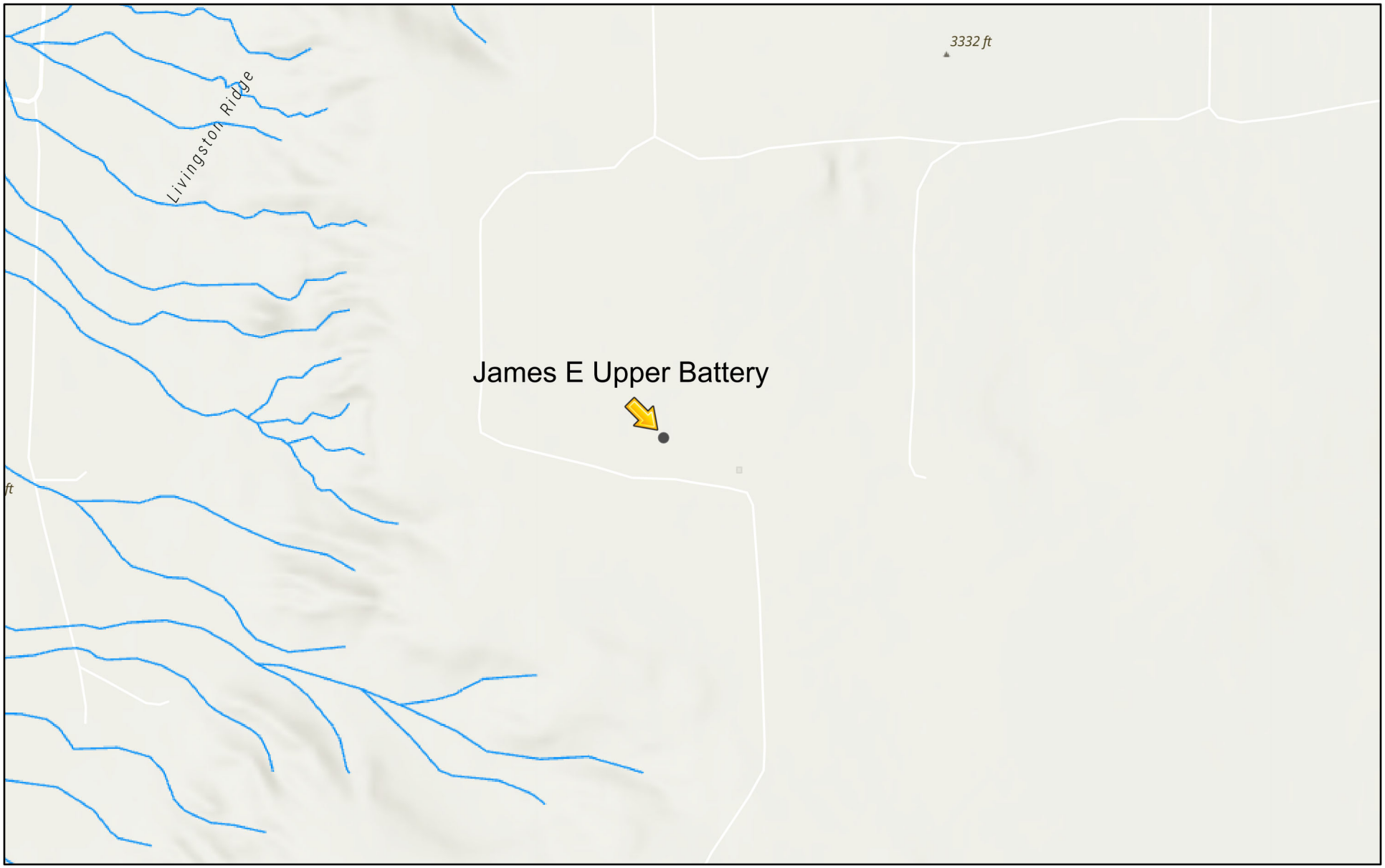
New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

Released to Imaging: 3/14/2023 11:55:00 AM

Received by OCD: 3/10/2023 1:54:38 PM

NMOCD Waterbody Map



9/26/2022, 4:26:44 PM

Override 1

OSE Streams

1:9,028

0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap,

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

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 Number	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04528 POD1	CUB	ED	1	3	3	12	22S	30E	608886	3585625	706			

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 609001 **Northing (Y):** 3586322.65 **Radius:** 800

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.

212C-MD-02334	TETRA TECH	**LOG OF BORING BH-1**	Page 1 of 3

Project Name: James E Upper Battery (2RP-3748)

Borehole Location: 32.408659, -103.840912 | Surface Elevation: 3313 ft

Borehole Number: BH-1 | Borehole Diameter (in.): 8 | Date Started: 1/12/2021 | Date Finished: 1/12/2021

WATER LEVEL OBSERVATIONS

While Drilling ▽ Dry ft Upon Completion of Drilling ▼ Dry ft

Remarks:

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm) ExStik	VOC FIELD SCREENING (ppm) PID	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT LL	PLASTICITY INDEX PI	MINUS NO. 200 (%)	GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (ft)	REMARKS
			3140									**-SM-** SILTY SAND: Reddish-brown, medium dense, dry, with occasional caliche.	2	BH-1 (0-1')
			865									**-SM-** SILTY SAND: Reddish-brown, medium dense, dry.		
5			1320											BH-1 (4-5')
			3560										7	BH-1 (6-7')
												-SM- SILTY SAND: Reddish-brown, medium dense, dry, with occasional caliche.		
10			5770										10	BH-1 (9-10')
												-SP- SAND: Red, medium dense, dry, with occasional caliche pebbles.		
15			4760										15	BH-1 (14-15')
												-SP- SAND: Light-red, medium dense, dry, with occasional caliche.		
20			3480										20	BH-1 (19-20')
												-SW- SAND: Red, medium dense, dry.		
25			2240										25	BH-1 (24-25')

Sampler Types: Split Spoon, Shelby, Bulk Sample, Grab Sample, Acetate Liner, Vane Shear, California, Test Pit

Operation Types: Mud Rotary, Continuous Flight Auger, Wash Rotary, Hand Auger, Air Rotary, Direct Push, Core Barrel

Notes:

Analytical samples are shown in the remarks column above. Surface elevations are estimated from Google Earth data.

Logger: John Thurston | Drilling Equipment: Air Rotary | Driller: Scarborough Drilling

Released to Imaging: 3/14/2023 11:55:00 AM

Received by OCD: 3/10/2023 1:54:38 PM

212C-MD-02334	TETRA TECH	**LOG OF BORING BH-1**	Page 2 of 3

Project Name: James E Upper Battery (2RP-3748)

Borehole Location: 32.408659, -103.840912 | Surface Elevation: 3313 ft

Borehole Number: BH-1 | Borehole Diameter (in.): 8 | Date Started: 1/12/2021 | Date Finished: 1/12/2021

WATER LEVEL OBSERVATIONS

While Drilling ▽ Dry ft Upon Completion of Drilling ▼ Dry ft

Remarks:

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm) ExStik	VOC FIELD SCREENING (ppm) PID	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT LL	PLASTICITY INDEX PI	MINUS NO. 200 (%)	GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (ft)	REMARKS
												-ML- MUDSTONE: Reddish-brown, dense, dry.		
30			1060											BH-1 (29-30')
35			442										35	BH-1 (34-35')
												-SM- SILTY SAND: Dark-red, dense, dry.		
40			918										40	BH-1 (39-40')
												-CL- SILTY CLAY: Brick-red, dense, dry.		
45			449										45	BH-1 (44-45')
												-SM- SILTY SAND: Tan, dense, dry.		
50														

Sampler Types: Split Spoon, Shelby, Bulk Sample, Grab Sample, Acetate Liner, Vane Shear, California, Test Pit

Operation Types: Mud Rotary, Continuous Flight Auger, Wash Rotary, Hand Auger, Air Rotary, Direct Push, Core Barrel

Notes:
Analytical samples are shown in the remarks column above.
Surface elevations are estimated from Google Earth data.

Logger: John Thurston | Drilling Equipment: Air Rotary | Driller: Scarborough Drilling

Released to Imaging: 3/14/2023 11:55:00 AM

212C-MD-02334	TETRA TECH	**LOG OF BORING BH-1**	Page 3 of 3

Project Name: James E Upper Battery (2RP-3748)

Borehole Location: 32.408659, -103.840912 | Surface Elevation: 3313 ft

Borehole Number: BH-1 | Borehole Diameter (in.): 8 | Date Started: 1/12/2021 | Date Finished: 1/12/2021

WATER LEVEL OBSERVATIONS

While Drilling ▽ Dry ft Upon Completion of Drilling ▼ Dry ft

Remarks:

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm) ExStik	VOC FIELD SCREENING (ppm) PID	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT LL	PLASTICITY INDEX PI	MINUS NO. 200 (%)	GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (ft)	REMARKS
55													55	

Bottom of borehole at 55.0 feet.

Sampler Types: Split Spoon, Acetate Liner, Shelby, Vane Shear, Bulk Sample, California, Grab Sample, Test Pit

Operation Types: Hand Auger, Mud Rotary, Air Rotary, Continuous Flight Auger, Direct Push, Wash Rotary, Core Barrel

Notes:
Analytical samples are shown in the remarks column above.
Surface elevations are estimated from Google Earth data.

Logger: John Thurston | Drilling Equipment: Air Rotary | Driller: Scarborough Drilling

Released to Imaging: 3/14/2023 11:55:00 AM

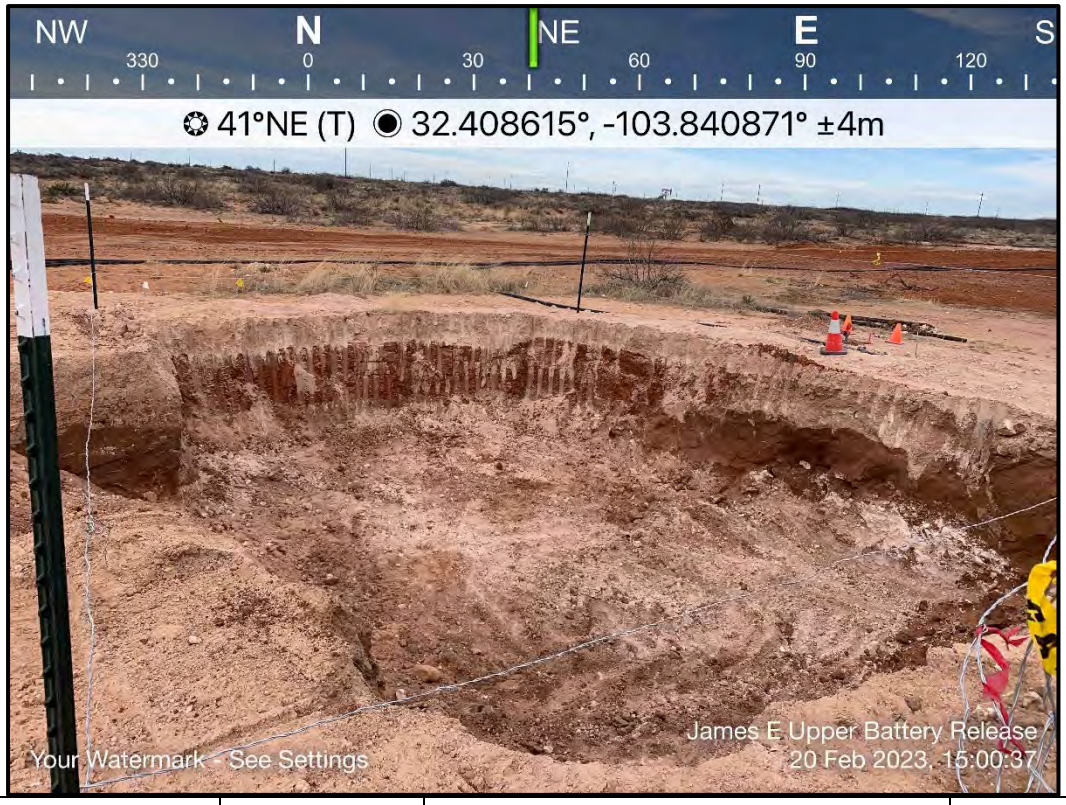
APPENDIX C
Photographic Documentation

TETRA TECH, INC. PROJECT NO. 212C-MD-02827	DESCRIPTION	View east. Release area.	1
	SITE NAME	James E Upper Battery Load Line Release	6/17/2016

TETRA TECH, INC. PROJECT NO. 212C-MD-02827	DESCRIPTION	View southwest. Release area following tank removal.	2
	SITE NAME	James E Upper Battery Load Line Release	7/31/2020

TETRA TECH, INC. PROJECT NO. 212C-MD-02827	DESCRIPTION	View northwest. Release area north of pumping unit.	3
	SITE NAME	James E Upper Battery Load Line Release	7/31/2020

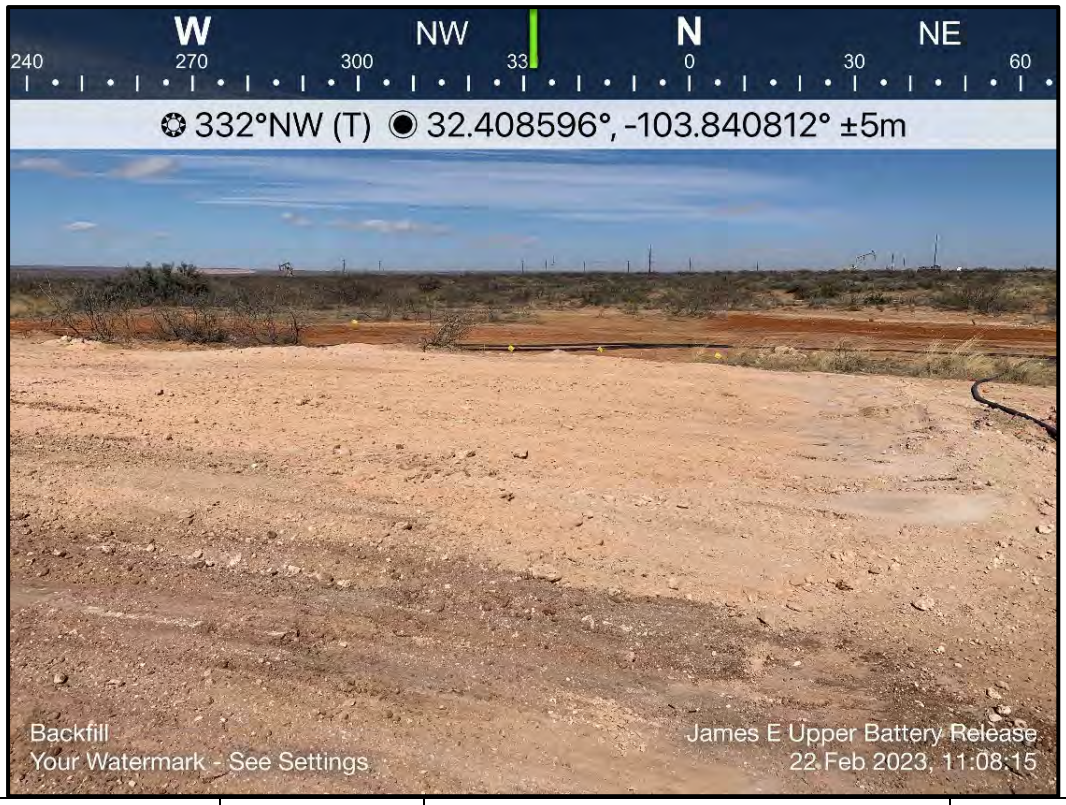
TETRA TECH, INC. PROJECT NO. 212C-MD-02827	DESCRIPTION	View west. Flowline north and east of the release area.	4
	SITE NAME	James E Upper Battery Load Line Release	7/31/2020



TETRA TECH, INC. PROJECT NO. 212C-MD-02827	DESCRIPTION	View northeast. Area excavated to 6 feet.	5
	SITE NAME	James E Upper Battery Load Line Release	2/20/2023

TETRA TECH, INC. PROJECT NO. 212C-MD-02827	DESCRIPTION	View south-southeast. Area excavated to 6 feet.	6
	SITE NAME	James E Upper Battery Load Line Release	2/20/2023

TETRA TECH, INC. PROJECT NO. 212C-MD-02827	DESCRIPTION	View south. Backfilled excavation.	7
	SITE NAME	James E Upper Battery Load Line Release	2/22/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02152	DESCRIPTION	View north-northwest. Backfilled excavation.	8
	SITE NAME	James E Upper Battery Load Line Release	2/22/2023

APPENDIX D
Regulatory Correspondence

Poole, Nicholas

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Monday, February 20, 2023 5:34 PM
To: Poole, Nicholas
Cc: Hall, Brittany, EMNRD; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Incident ID: nAB1617331258 - Confirmation Sampling

⚠ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

Nicholas,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Jocelyn

Jocelyn Harimon ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
http:// **www.emnrd.nm.gov**

From: Poole, Nicholas <NICHOLAS.POOLE@tetratech.com>
Sent: Monday, February 20, 2023 12:58 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>
Subject: [EXTERNAL] Incident ID: nAB1617331258 - Confirmation Sampling

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Incident ID (n#) **nAB1617331258** (James E Upper Battery Load Line)

To whom it may concern,

In accordance with Subsection D of 19.15.29.12 NMAC, the responsible party must verbally notify the appropriate division district office prior to conducting confirmation sampling.

Remediation activities of the release have begun, Monday, February 20, 2023.

Thus, on behalf of ConocoPhillips for the above referenced incident, Tetra Tech is duly providing this communication which serves as notification that final confirmation sampling of the lease pad will be conducted at this site Wednesday, February 22, 2023.

NOTE: If you have any questions regarding this sampling schedule, please contact me.

Nicholas Poole | Staff Geoscientist
Mobile **+1 (512) 560-9064** | nicholas.poole@tetratech.com

Tetra Tech | *Leading with Science®* | OGA
8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | tetratech.com

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Please consider the environment before printing. Read more

TETRA TECH

Dickerson, Ryan

From: Llull, Christian
Sent: Monday, January 9, 2023 10:07 AM
To: Poole, Nicholas
Subject: FW: The Oil Conservation Division (OCD) has approved the application, Application ID: 151991

James A Battery load Line approved

Christian

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Monday, January 09, 2023 8:37 AM
To: Llull, Christian <Christian.Llull@tetratech.com>
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 151991

⚠ **CAUTION:** This email originated from an external sender. Verify the source before opening links or attachments. ⚠

To whom it may concern (c/o Christian Llull for CONOCOPHILLIPS COMPANY),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAB1617331258,
with the following conditions:

- **Remediation plan approved. Alternative sampling plan of confirmation samples representative of 500 square feet denied. OCD will approve confirmation samples representative of no more than 400 square feet.**
- **2RP-3748 closed. Refer to incident #nAB1617331258 for all future communication.**
- **Submit a complete report through the OCD Permitting website by 4/14/2023.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Brittany Hall
Projects Environmental Specialist - A
505-517-5333
Brittany.Hall@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

APPENDIX E
Waste Manifests

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAM WIDMER
AFE #:	
PO #:	
Manifest #:	1
Manif. Date:	2/20/2023
Hauler:	MCNABB PARTNERS
Driver	JOSH
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1400645
Bid #:	O6UJ9A000JEC
Date:	2/20/2023
Generator:	CONOCOPHILLIPS
Generator #:	40946
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature _____

R360 Representative Signature _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAM WIDMER
AFE #:	
PO #:	
Manifest #:	2
Manif. Date:	2/20/2023
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1400679
Bid #:	O6UJ9A000JEC
Date:	2/20/2023
Generator:	CONOCOPHILLIPS
Generator #:	40946
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature _____

R360 Representative Signature _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAM WIDMER
AFE #:	
PO #:	
Manifest #:	3
Manif. Date:	2/20/2023
Hauler:	MCNABB PARTNERS
Driver	JR
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1400749
Bid #:	O6UJ9A000JEC
Date:	2/20/2023
Generator:	CONOCOPHILLIPS
Generator #:	40946
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature _____

R360 Representative Signature _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAM WIDMER
AFE #:	
PO #:	
Manifest #:	4
Manif. Date:	2/20/2023
Hauler:	MCNABB PARTNERS
Driver	JOSH
Truck #	M32
Card #	
Job Ref #	

Ticket #:	700-1400781
Bid #:	O6UJ9A000JEC
Date:	2/20/2023
Generator:	CONOCOPHILLIPS
Generator #:	40946
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

__ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

__ MSDS Information __ RCRA Hazardous Waste Analysis __ Process Knowledge __ Other (Provide description above)

Driver/ Agent Signature _____

R360 Representative Signature _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

t6UJ9A01SQ59

2/20/2023 2:16:51PM

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS
Customer #:	CRI2190
Ordered by:	SAM WIDMER
AFE #:	
PO #:	
Manifest #:	5
Manif. Date:	2/20/2023
Hauler:	MCNABB PARTNERS LLC
Driver	JR
Truck #	M75
Card #	
Job Ref #	

Ticket #:	700-1400814
Bid #:	O6UJ9A000JEC
Date:	2/20/2023
Generator:	CONOCOPHILLIPS
Generator #:	40946
Well Ser. #:	
Well Name:	JAMES E BATTERY
Well #:	
Field:	
Field #:	
Rig:	NON-DRILLING
County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	18.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature _____

R360 Representative Signature _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

R360 ENVIRONMENTAL SOLUTIONS

Permian Basin

Customer:	CONOCOPHILLIPS	Ticket #:	700-1400831
Customer #:	CRI2190	Bid #:	O6UJ9A000JEC
Ordered by:	SAM WIDMER	Date:	2/20/2023
AFE #:		Generator:	CONOCOPHILLIPS
PO #:		Generator #:	40946
Manifest #:	6	Well Ser. #:	
Manif. Date:	2/20/2023	Well Name:	JAMES E BATTERY
Hauler:	MCNABB PARTNERS LLC	Well #:	
Driver	JOSH	Field:	
Truck #	M32	Field #:	
Card #		Rig:	NON-DRILLING
Job Ref #		County	

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	16.00 yards

Generator Certification Statement of Waste Status

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt wast

_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):

_ MSDS Information _ RCRA Hazardous Waste Analysis _ Process Knowledge _ Other (Provide description above)

Driver/ Agent Signature **R360 Representative Signature**

_____ _____

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: _____ Date: _____

APPENDIX F
Laboratory Analytical Data

CARDINAL Laboratories

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

February 21, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: JAMES E UPPER BATTERY RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/20/23 16:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

TETRA TECH
CHRISTIAN LLULL
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	02/20/2023	Sampling Date:	02/20/2023
Reported:	02/21/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02827	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NM		

Sample ID: FS - 1 (6') (H230784-01)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/20/2023	ND	2.02	101	2.00	2.23	
Toluene*	<0.050	0.050	02/20/2023	ND	2.00	99.8	2.00	3.99	
Ethylbenzene*	<0.050	0.050	02/20/2023	ND	1.98	99.0	2.00	2.97	
Total Xylenes*	<0.150	0.150	02/20/2023	ND	5.98	99.7	6.00	2.80	
Total BTEX	<0.300	0.300	02/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**912**	16.0	02/21/2023	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane *118 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *124 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

TETRA TECH
CHRISTIAN LLULL
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	02/20/2023	Sampling Date:	02/20/2023
Reported:	02/21/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02827	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NM		

Sample ID: ESW - 1 (H230784-02)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/20/2023	ND	2.02	101	2.00	2.23	
Toluene*	<0.050	0.050	02/20/2023	ND	2.00	99.8	2.00	3.99	
Ethylbenzene*	<0.050	0.050	02/20/2023	ND	1.98	99.0	2.00	2.97	
Total Xylenes*	<0.150	0.150	02/20/2023	ND	5.98	99.7	6.00	2.80	
Total BTEX	<0.300	0.300	02/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	02/21/2023	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane *87.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

TETRA TECH
CHRISTIAN LLULL
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	02/20/2023	Sampling Date:	02/20/2023
Reported:	02/21/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02827	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NM		

Sample ID: SSW - 1 (H230784-03)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/20/2023	ND	2.03	101	2.00	4.82	
Toluene*	<0.050	0.050	02/20/2023	ND	1.97	98.4	2.00	4.67	
Ethylbenzene*	<0.050	0.050	02/20/2023	ND	1.93	96.3	2.00	4.65	
Total Xylenes*	<0.150	0.150	02/20/2023	ND	5.92	98.6	6.00	4.17	
Total BTEX	<0.300	0.300	02/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.0 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	02/21/2023	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane *99.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

TETRA TECH
CHRISTIAN LLULL
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	02/20/2023	Sampling Date:	02/20/2023
Reported:	02/21/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02827	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NM		

Sample ID: NSW - 1 (H230784-04)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/20/2023	ND	2.03	101	2.00	4.82	
Toluene*	<0.050	0.050	02/20/2023	ND	1.97	98.4	2.00	4.67	
Ethylbenzene*	<0.050	0.050	02/20/2023	ND	1.93	96.3	2.00	4.65	
Total Xylenes*	<0.150	0.150	02/20/2023	ND	5.92	98.6	6.00	4.17	
Total BTEX	<0.300	0.300	02/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	02/21/2023	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	<10.0	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	<10.0	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane *98.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

TETRA TECH
CHRISTIAN LLULL
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701
Fax To: (432) 682-3946

Received:	02/20/2023	Sampling Date:	02/20/2023
Reported:	02/21/2023	Sampling Type:	Soil
Project Name:	JAMES E UPPER BATTERY RELEASE	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02827	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NM		

Sample ID: WSW - 1 (H230784-05)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/20/2023	ND	2.03	101	2.00	4.82	
Toluene*	<0.050	0.050	02/20/2023	ND	1.97	98.4	2.00	4.67	
Ethylbenzene*	<0.050	0.050	02/20/2023	ND	1.93	96.3	2.00	4.65	
Total Xylenes*	<0.150	0.150	02/20/2023	ND	5.92	98.6	6.00	4.17	
Total BTEX	<0.300	0.300	02/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	02/21/2023	ND	400	100	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2023	ND	202	101	200	1.97	
DRO >C10-C28*	**115**	10.0	02/21/2023	ND	190	95.1	200	6.96	
EXT DRO >C28-C36	**41.1**	10.0	02/21/2023	ND					

Surrogate: 1-Chlorooctane *85.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Analysis Request of Chain of Custody Record

Tetra Tech, Inc.

901 West Wall St, Suite 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: COP	Site Manager: Christian Llull
Project Name: James E Upper Battery Release	Contact Info: Christian.Lull@tetratech.com
Project Location: (county, state) Eddy County, NM	Project #: 212C-MD-02827
Invoice to: Christian Llull	
Receiving Laboratory: Cardinal Laboratories	Sampler Signature: Gabe Huerta
Comments:	

H230784

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING DATE	SAMPLING TIME	MATRIX: WATER	MATRIX: SOIL	PRESERVATIVE METHOD: HCL	PRESERVATIVE METHOD: HNO_3	PRESERVATIVE METHOD: ICE	# CONTAINERS	FILTERED (Y/N)	BTEX 8021B	TPH TX1005 (Ext to C35)	TPH 8015M (GRO - DRO - ORO)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C/625	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate TDS	General Water Chemistry (see attached list)	Anion/Cation Balance	Asbestos	Hold
1	FS-1 (6')	2/20/2023	10:15		X			X	1		X		X												X				
2	ESW-1	2/20/2023	10:25		X			X	1		X		X												X				
3	SSW-1	2/20/2023	10:35		X			X	1		X		X												X				
4	NSW-1	2/20/2023	10:45		X			X	1		X		X												X				
5	WSW-1	2/20/2023	10:55		X			X	1		X		X												X				

ANALYSIS REQUEST
(Circle or Specify Method No.)

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Gabriel Huerta	~~2-20-23~~ 2-20-23	1628		2-20-23	1628
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

LAB USE ONLY

Sample Temperature
4.3c
C-0.6c
3.7c
#13

REMARKS:

- ☑ RUSH: Same Day (24 hr) 48 hr 72 hr
- ☐ Rush Charges Authorized
- ☐ Special Report Limits or TRRP Report

(Circle) HAND DELIVERED FEDEX UPS Tracking #: _____

ORIGINAL COPY

Received by OCD: 3/10/2023 1:54:38 PM

Released to Imaging: 3/14/2023 11:55:00 AM

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
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 195813

CONDITIONS

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 195813
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	Site will need to meet the requirement of 19.15.29.13 NMAC when the area is no longer reasonably needed for production operations or for subsequent drilling operations.	3/14/2023