



June 6, 2023

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

**Re: Closure Report  
ConocoPhillips  
Tequiza Federal #001 Release  
Unit Letter O, Section 34, Township 21 South, Range 25 East  
Eddy County, New Mexico  
Incident ID# nAB1805142690  
2RP-4632**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COP) to assess an historical release that occurred from the Tequiza Federal #001. The release footprint is located in Public Land Survey System (PLSS) Unit Letter O, Section 34, Township 21 South, Range 25 East, in Eddy County, New Mexico (Site). The approximate release point occurred on land owned by the Bureau of Land Management (BLM) at coordinates 32.429199°, -104.382522°, as shown on Figures 1 and 2.

## BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release, discovered on February 17, 2018, occurred as the result of a packing failure. Approximately 15 barrels (bbls) of produced water and 1.5 bbls of crude oil were reported released, of which 10 bbls of produced water and 1 bbl of oil were recovered. The C-141 form for the release was submitted to The New Mexico Oil Conservation District (NMOCD) by COG Operating, LLC (COG) on February 17, 2018. NMOCD received the C-141 report form for the release on February 19, 2018. The NMOCD Incident ID for this release is nAB1805142690.

## SITE CHARACTERIZATION

A site characterization was performed by COG and no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, stream bodies, 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 high karst potential.

According to the NMOSE reporting system, there are no water wells within ½ mile (800 meters) of the Site. Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. The COG Site Characterization is presented in Appendix B.

## LAND OWNERSHIP

The Site is located on land owned by the Bureau of Land Management (BLM). The remedial extent was confined to on-pad, previously disturbed areas.

Tetra Tech

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ConocoPhillips

## 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, and the site characterization data was used to determine recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil.

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

Constituent	Site RRAL
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

## COG SITE ASSESSMENT ACTIVITIES AND SAMPLING RESULTS

On March 7, 2018, 2018, COG personnel collected assessment samples from three (3) locations located within the release extent, T-1 through T-3, and six (6) locations located outside the release extent (N, NE, NW, S, SE, SW). COG returned to the site on March 19 and 20, 2018 to collect additional soil samples from the horizontal delineation sample locations (N, NE, NW, S, SE, SW) to complete horizontal delineation of the release extent. A total of nineteen (19) soil samples were sent to Permian Basin Environmental Lab, LP (PBE) in Midland, Texas to be analyzed for chloride via EPA Method 300, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. Sample locations are shown in Figure 3.

The analytical results from T-2 exceeded the Site RRAL for chloride (600 mg/kg) at the depth interval of 0.5 feet. The analytical results from T-3 exceed the Site RRAL for chloride at the depth intervals of 0.5 and 1 foot. Sample results from the initial assessment are summarized in Table 1.

## COG WORK PLAN

Based on the results of the assessment activities, COG prepared a Remediation Work Plan and submitted to NMOCD via email on November 12, 2018. No response was received from the NMOCD concerning the approval or rejection of the report. The same Workplan was resubmitted under cover letter, by Tetra Tech on behalf of COP, on November 21, 2022, with fee application payment PO Number MT6FG-221121-C-1410. The Work Plan was approved via email by Brittany Hall of the NMOCD on Tuesday, November 29, 2022, with the following conditions:

- *Remediation and closure must be in compliance with 19.15.29.12 and 19.15.29.13 NMAC.*
- *In the "Sampling Plan" portion of the report, it states "To collect representative samples, composite samples (5-point composite) will be collected every 600 square feet (25 x 25) for the final confirmation sampling for the constituents of concern."The OCD approves 5-point composite samples representative of NO MORE THAN 400 SQUARE FEET. All other sampling is approved per the workplan.*
- *All confirmation samples must be analyzed for all constituents listed in Table I.*
- *2RP-4632 closed. Please refer to incident #NAB1805142690 in all future communication.*
- *Please submit a complete closure report through the OCD Permitting website by 3/3/2023.*

On Friday, April 21, 2023, Tetra Tech, on behalf of ConocoPhillips, requested a 90-day extension to complete the remedial actions and associated reporting for the Tequiza Federal #1 Release Site (NAB1805142690). The extension request was approved by the NMOCD on April 21, 2023. In accordance with the approved extension request, the due date for the closure report is June 1, 2023. Documentation of associated regulatory correspondence is included in Appendix C.

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June 6, 2023

ConocoPhillips

## ADDITIONAL SITE ASSESSMENT AND SAMPLING RESULTS

Based on the age of the release, Tetra Tech personnel conducted a visual Site inspection on January 16, 2023, to assess current Site conditions, document the observed impact, and photograph the area. Tetra Tech observed that no obvious signs of staining and/or residual impact were observed in the release area on or off pad.

Based on the findings of the visual site inspection, Tetra Tech personnel returned to the Site on April 4, 2023 to conduct additional soil sampling to verify soil concentrations prior to remedial action. A total of ten (10) soil borings (AH-23-1 through AH-23-10) were installed using a hand auger within and around the release area to determine if the Site remained impacted at concentrations reported by COG. Sample locations are shown in Figure 4.

A total of twelve (12) samples were collected from the ten (10) borings and submitted to Cardinal Laboratories to be analyzed for chlorides via EPA Method 4500.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix D.

Results from the April 2023 soil sampling event are summarized in Table 2. Analytical results associated with boring location AH-23-1 through AH-23-4 exceeded the proposed Site RRALs for chloride in soils. Additionally, results associated with AH-23-4 exceed the Site RRALs for TPH. All other analytical results from the April 2023 sampling were below Site RRALs.

## REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From May 8 to May 15, 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 May 9, 2023, the NMOC 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 C.

Per the approved Work Plan and adjustments based on the April 2023 analytical results, impacted soils were excavated as shown in Figure 5. The area within the release footprint were excavated to depths ranging from 1 to 4 feet below surrounding grade. All excavated material was transported offsite for proper disposal. Approximately 340 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. The approximate on-pad impacted area was 3,700 square feet. 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 six (6) confirmation floor samples 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 5.

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 SM4500CI-B. The analytical results were directly compared to the established Site RRALs. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH and BTEX. The results of the May 2023 confirmation sampling event are summarized in Table 3. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D.

Once confirmation sampling activities were completed and associated analytical results were below the Site RRALs, the excavated areas were backfilled with clean material to surface grade. Photographic documentation of the excavated areas prior to and immediately following placement of backfill are provided in Appendix F.

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June 6, 2023

ConocoPhillips

## CONCLUSION

ConocoPhillips respectfully requests closure of the release 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 Christian Llull at (512) 338-2861 or email at [Christian.Llull@tetratech.com](mailto:Christian.Llull@tetratech.com).

Sincerely,  
**Tetra Tech, Inc.**



Nicholas M. Poole  
Project Lead



Christian M. Llull, P.G.  
Program Manager

cc:  
Mr. Ike Tavarez, RMR – ConocoPhillips  
Mr. Jacqui Harris, GPBU - ConocoPhillips

## LIST OF ATTACHMENTS

### Figures:

- Figure 1 – Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Approximate Release Extent and Site Assessment (COG)
- Figure 4 – Approximate Release Extent and Site Assessment (Tetra Tech)
- Figure 5 – Remediation Extents and Confirmation Sampling

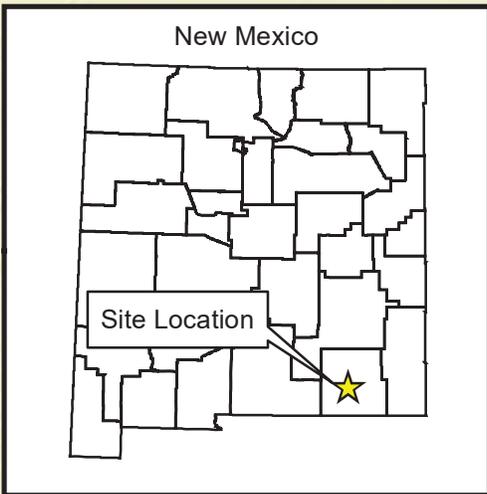
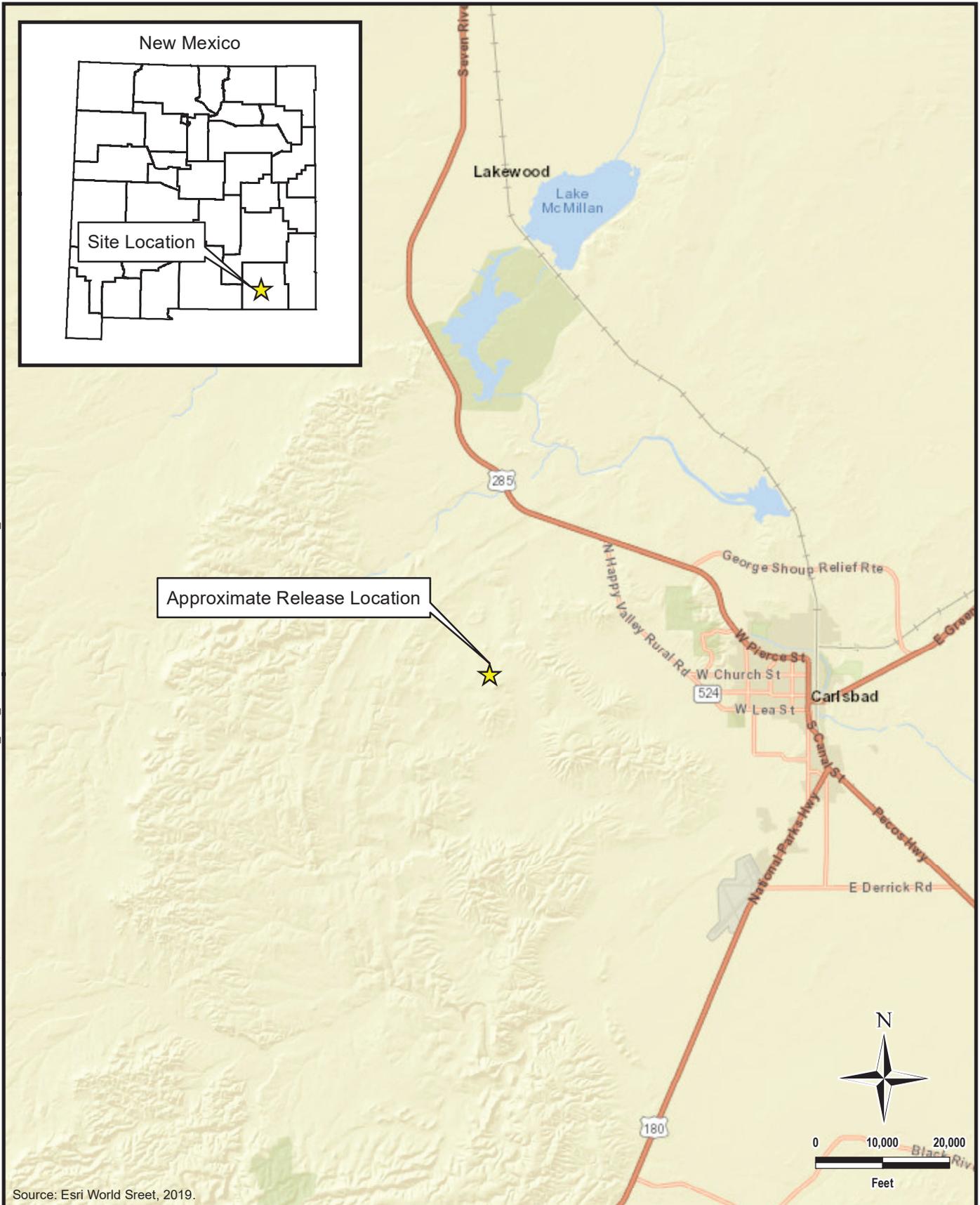
### Tables:

- Table 1 – Summary of Analytical Results – 2018 Soil Assessment (COG)
- Table 2 – Summary of Analytical Results – 2023 Soil Assessment (Tetra Tech)
- Table 3 – Summary of Analytical Results – Confirmation Sampling

### Appendices:

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

# **FIGURES**



Approximate Release Location

Site Location



Source: Esri World Street, 2019.

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINIONEDRIVE - TETRA TECH\INC\DOCUMENTS\111111\COPY\TEQUIZA - FED - 1\MXD\FIGURE 1 OVERVIEW MAP\_TEQUIZA FED 1.MXD



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CONOCOPHILLIPS

NAB1805142690  
 EDDY COUNTY, NEW MEXICO  
 (32.429199°, -104.382522°)

**TEQUIZA FEDERAL #001  
 OVERVIEW MAP**

PROJECT NO.: 212C-MD-02881

DATE: MAY 18, 2023

DESIGNED BY: LMV

Figure No.

**1**

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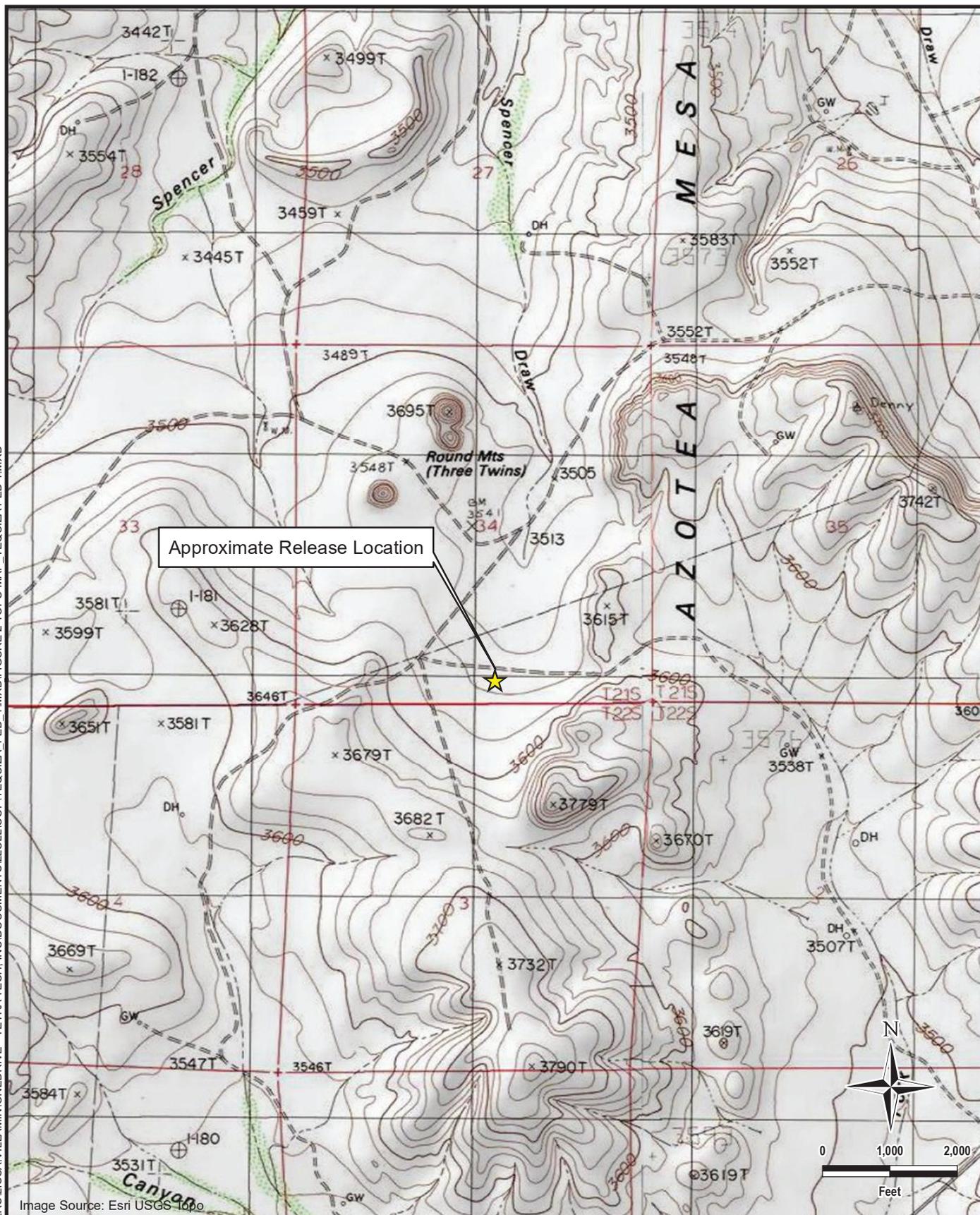


Image Source: Esri USGS Topo



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**CONOCOPHILLIPS**

NAB1805142690  
EDDY COUNTY, NEW MEXICO  
(32.429199°, -104.382522°)

**TEQUIZA FEDERAL #001  
TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-02881

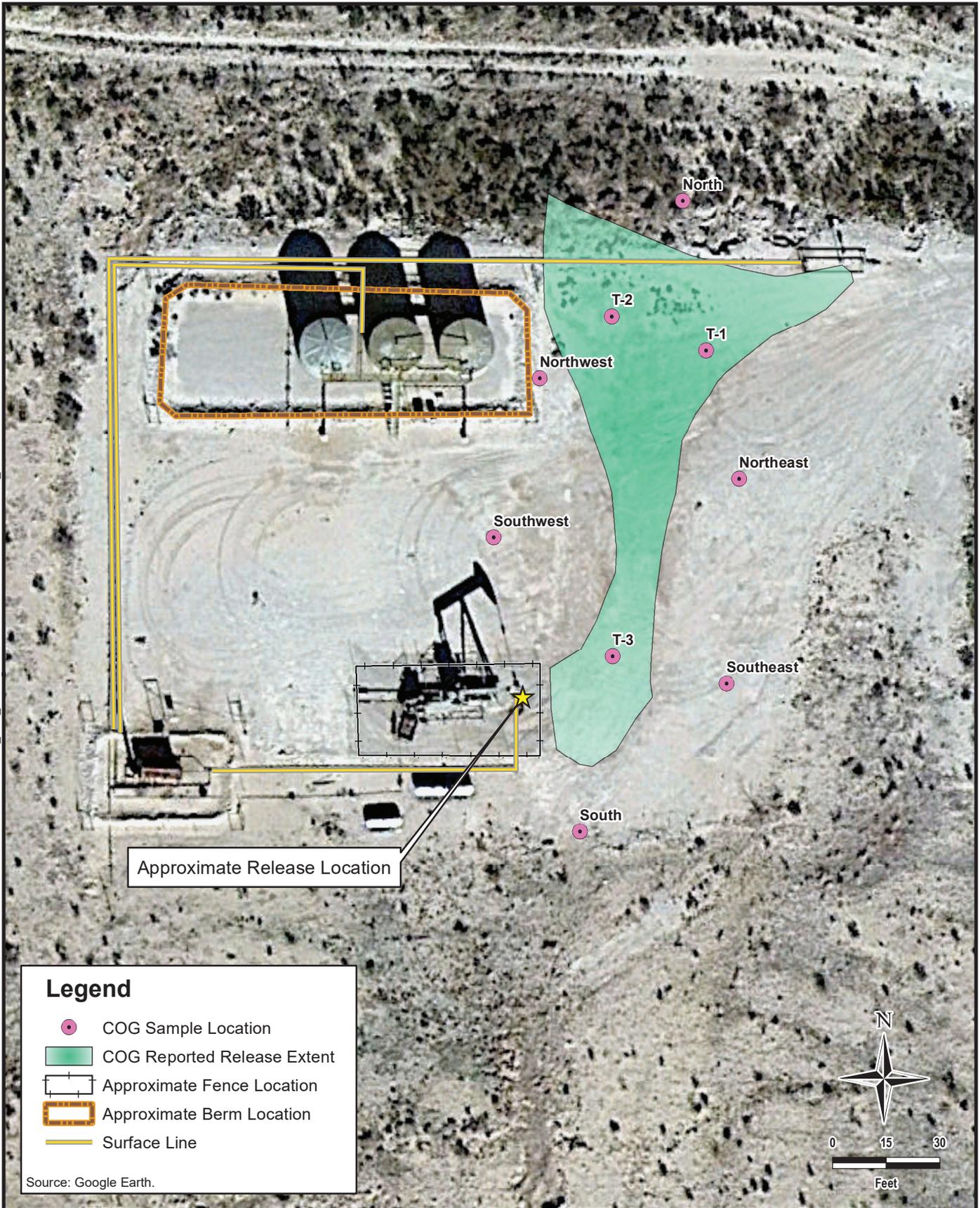
DATE: MAY 18, 2023

DESIGNED BY: LMV

Figure No.

**2**

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINIONEDRIVE - TETRA TECH\INC\DOCUMENTS\ILLULL\COP\TEQUIZA - FED -1\MXD\FIGURE 3 RELEASE & ASSESS COG - TEQUIZA FED 1.MXD



**Legend**

- COG Sample Location
- COG Reported Release Extent
- Approximate Fence Location
- Approximate Berm Location
- Surface Line

Source: Google Earth.

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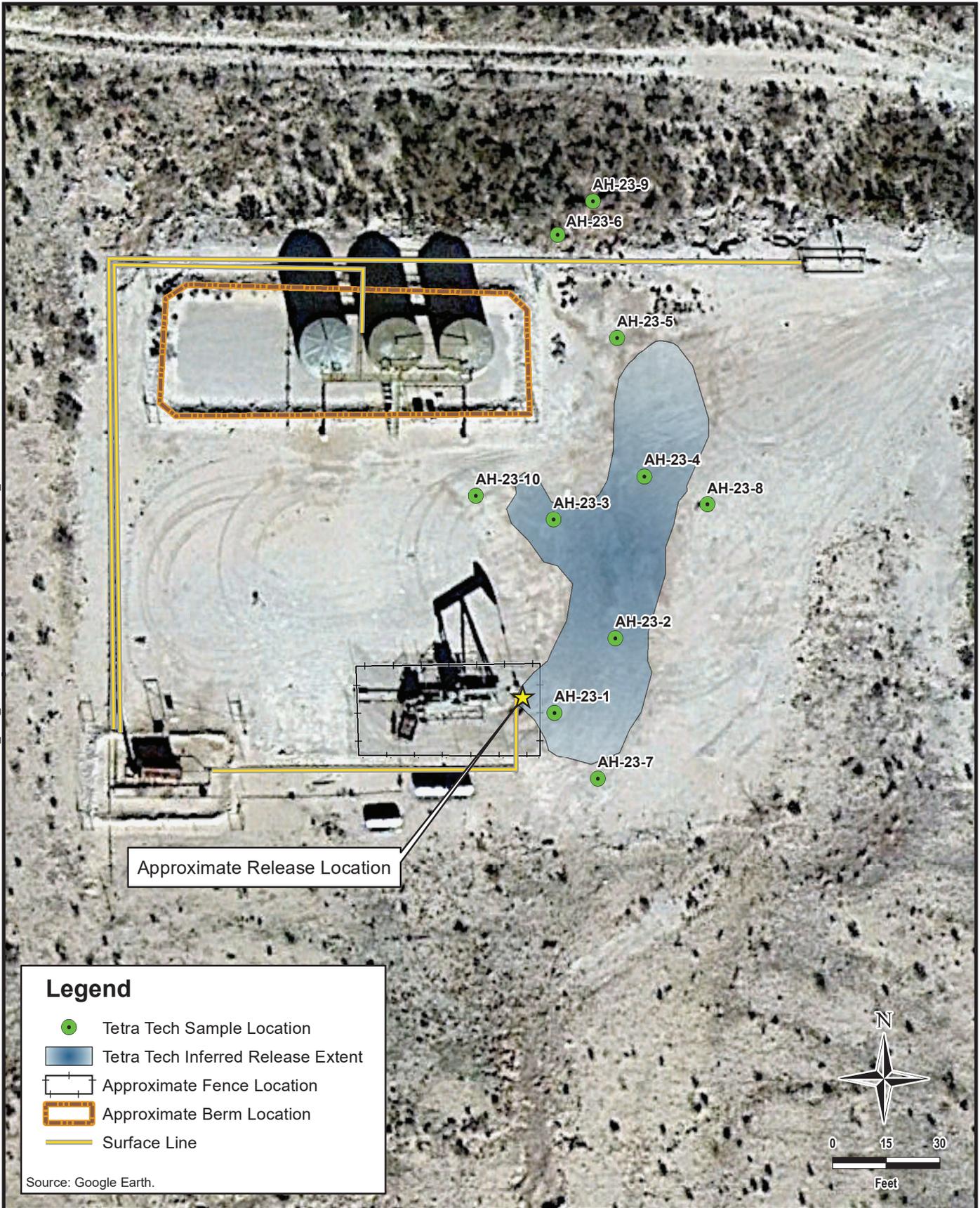
**CONOCOPHILLIPS**

NAB1805142690  
EDDY COUNTY, NEW MEXICO  
(32.429199°, -104.382522°)

**TEQUIZA FEDERAL #001**  
**APPROXIMATE RELEASE EXTENT & SITE ASSESSMENT (COG)**

PROJECT NO.:	212C-MD-02881
DATE:	MAY 18, 2023
DESIGNED BY:	LMV
Figure No.	<b>3</b>

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINIONEDRIVE - TETRA TECH\INC\DOCUMENTS\ILLULLICOP\TEQUIZA - FED\_1\MXD\FIGURE 4 RELEASE & ASSESS TT\_TEQUIZA FED 11.MXD



**Legend**

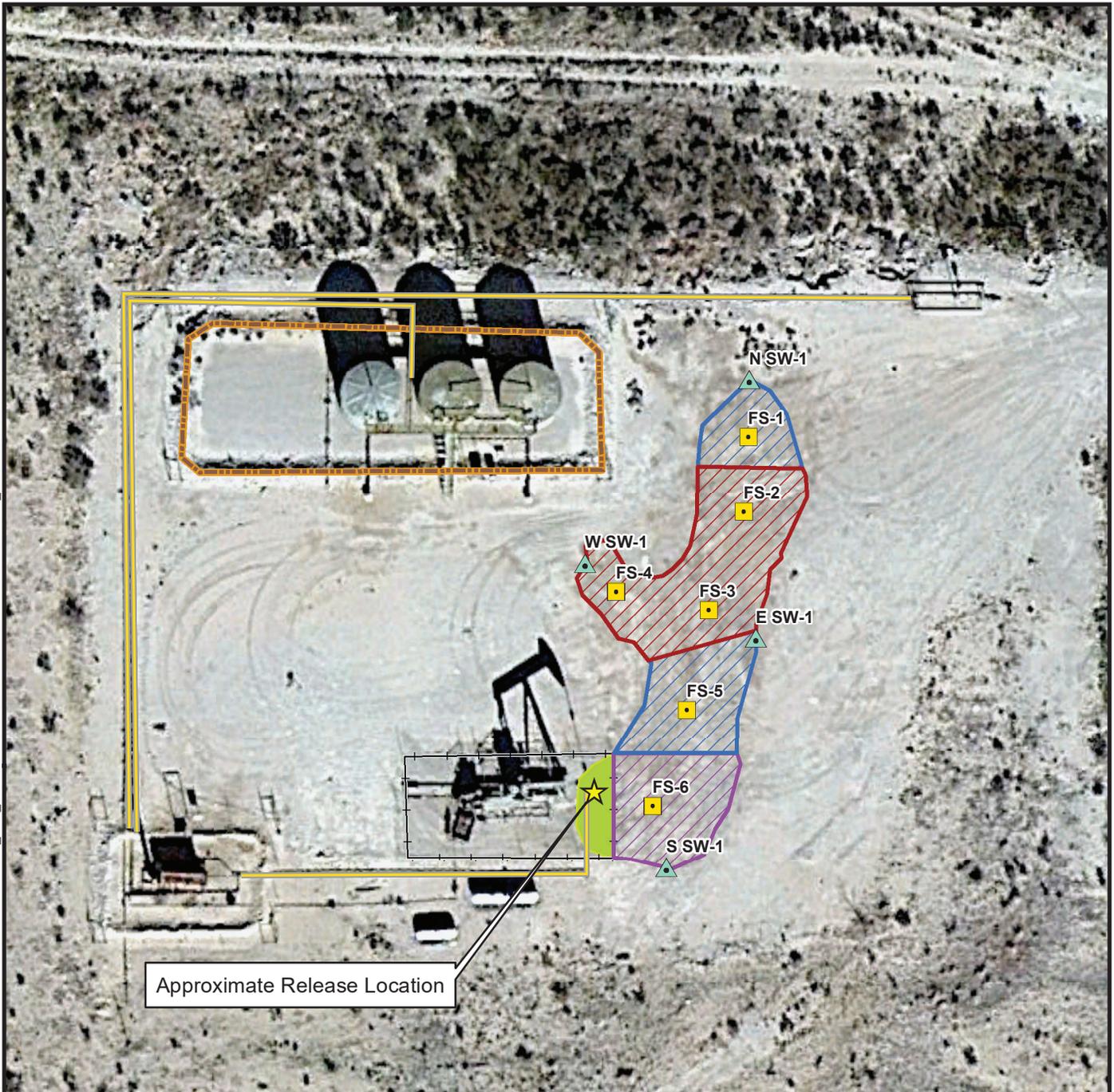
- Tetra Tech Sample Location
- Tetra Tech Inferred Release Extent
- Approximate Fence Location
- Approximate Berm Location
- Surface Line

Source: Google Earth.



 <p><b>TETRA TECH</b></p> <p>www.tetratech.com</p> <p>901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p>	<p><b>CONOCOPHILLIPS</b></p> <p>NAB1805142690 EDDY COUNTY, NEW MEXICO (32.429199°, -104.382522°)</p>	<p>PROJECT NO.: 212C-MD-02881</p> <p>DATE: MAY 18, 2023</p> <p>DESIGNED BY: LMV</p>
	<p><b>TEQUIZA FEDERAL #001</b></p> <p><b>APPROXIMATE RELEASE EXTENT &amp; SITE ASSESSMENT (TETRA TECH)</b></p>	<p>Figure No.</p> <p><b>4</b></p>

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Approximate Release Location

**Legend**

	Sidewall Confirmation Sample Location		Excavated Area - 4' BGS
	Floor Confirmation Sample Location		Exclusion Zone (Inside Fenceline)
	Excavated Area - 1' BGS		Approximate Fence Location
	Excavated Area - 2' BGS		Approximate Berm Location
			Surface Line

BGS: Below Ground Surface  
Source: Google Earth.



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**CONOCOPHILLIPS**  
NAB1805142690  
EDDY COUNTY, NEW MEXICO  
(32.429199°, -104.382522°)  
**TEQUIZA FEDERAL #001**  
**REMEDATION EXTENT & CONFIRMATION SAMPLE LOCATIONS**

PROJECT NO.:	212C-MD-02881
DATE:	MAY 19, 2023
DESIGNED BY:	LMV

Figure No.  
**5**

# **TABLES**

TABLE 1  
 SUMMARY OF ANALYTICAL RESULTS  
 2018 SOIL ASSESSMENT- nAB1805142690/2RP-4632  
 COG Operating LLC  
 TEQUIZA FEDERAL #001 RELEASE  
 EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval ft. bgs	Chlorides <sup>1</sup> < 600 mg/kg		< 10 mg/kg		BTEX <sup>2</sup>		TPH <sup>3</sup>																		
			Chloride mg/kg	Q	Benzene mg/kg	Q	Toluene mg/kg	Q	Ethylbenzene mg/kg	Q	Total Xylenes mg/kg	Q	Total BTEX mg/kg	Q	GRO C <sub>6</sub> - C <sub>12</sub> mg/kg	Q	DRO > C <sub>12</sub> - C <sub>28</sub> mg/kg	Q	MRO > C <sub>28</sub> - C <sub>36</sub> mg/kg	Q	Total TPH (GRO+DRO+MRO) mg/kg						
T-1	3/7/2018	0.5	24.3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		
		1.0	20.4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
T-2	3/7/2018	0.5	<b>8,360</b>		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
		1.0	365		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
T-3	3/7/2018	0.5	<b>1,480</b>		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
		1.0	<b>1600</b>		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
		2.0	503		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
South	3/7/2018	0.5	15.2		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
		1.0	13.0		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
North	3/7/2018	0.5	1.4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
		1.0	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Northwest	3/7/2018	0.5	28.6		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
		1.0	28.6		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Southwest	3/7/2018	0.5	30.7		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
		1.0	35.3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Northeast	3/7/2018	0.5	48.3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
		1.0	45.8		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Southeast	3/7/2018	0.5	234.0		ND		ND		ND		ND		0.015		ND		ND		ND		ND		0.015		ND		ND
		1.0	229.0		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND

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 EPA 300.0  
 2 Method 8021B  
 3 Method 8015M  
 OL Over Limit  
 Bold and italicized values indicate exceedance of proposed Remediation RRLs and Reclamation Requirements.  
 Shaded rows indicate intervals proposed for excavation.

TABLE 2  
 SUMMARY OF ANALYTICAL RESULTS  
 2023 SOIL ASSESSMENT- nAB1805142690/2RP-4632  
 CONOCOPHILLIPS  
 TEQUIZA FEDERAL #001 RELEASE  
 EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval ft. bgs	19.15.29.12 NMAC Closure Criteria for Soils Impacted by a Release (≤ 50 ft):			Chlorides <sup>1</sup>		BTEX <sup>2</sup>			TPH <sup>3</sup>				
			Field Screening Results		< 600 mg/kg		< 10 mg/kg		< 50 mg/kg		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO) mg/kg
			Chlorides	PID	Chloride	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	GRO	DRO	EXT DRO		
		ppm		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
AH-23-1	4/4/2023	0-1	OL	-	38,400	<0.050	<0.050	<0.050	<0.300	<0.150	<10.0	<10.0	<10.0	-	
		1-2	2,540	-	2,600	<0.050	<0.050	<0.150	<0.300	<0.150	<10.0	<10.0	<10.0	-	
		2-3	2,620	-	2,840	<0.050	<0.050	<0.150	<0.300	<0.150	<10.0	<10.0	<10.0	-	
AH-23-2	4/4/2023	0-1	OL	-	24,000	<0.050	0.106	0.165	0.542	<0.150	<10.0	<10.0	<10.0	-	
AH-23-3	4/4/2023	0-1	1,450	-	688	<0.050	<0.050	0.063	<0.300	<0.150	<10.0	<10.0	<10.0	-	
AH-23-4	4/4/2023	0-1	OL	-	22,800	<0.050	0.069	0.078	<0.300	<0.150	110	69.8	179.8	-	
AH-23-5	4/4/2023	0-1	296	-	240	<0.050	0.273	0.153	0.616	<0.150	<10.0	<10.0	<10.0	-	
AH-23-6	4/4/2023	0-1	208	-	96.0	<0.050	0.090	0.092	<0.300	<0.150	<10.0	<10.0	<10.0	-	
AH-23-7	4/4/2023	0-1	284	-	112	<0.050	<0.050	<0.050	<0.300	<0.150	<10.0	<10.0	<10.0	-	
AH-23-8	4/4/2023	0-1	286	-	128	<0.050	<0.050	<0.050	<0.300	<0.150	<10.0	<10.0	<10.0	-	
AH-23-9	4/4/2023	0-1	126	-	32.0	<0.050	<0.050	<0.050	<0.300	<0.150	<10.0	<10.0	<10.0	-	
AH-23-10	4/4/2023	0-1	241	-	80.0	<0.050	<0.050	<0.050	<0.300	<0.150	<10.0	<10.0	<10.0	-	

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 5M450001-B  
 2 Method 8021B  
 3 Method 8015M  
 OL Over Limit

QUALIFIERS:

1

2

3

OL

Over Limit

Method 5M450001-B

Method 8021B

Method 8015M

TABLE 3  
 SUMMARY OF ANALYTICAL RESULTS  
 SOIL CONFIRMATION - nAB1805142690/2RP-4632  
 CONOCOPHILLIPS  
 TEQUIZA FEDERAL #001 RELEASE  
 EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth Interval ft. bgs	Field Screening Results		Chlorides <sup>1</sup> mg/kg	Chlorides <sup>1</sup> < 600 mg/kg		BTEX <sup>2</sup>				TPH <sup>3</sup>			
			Chlorides ppm	PID		Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Total Xylenes mg/kg	Total BTEX mg/kg	GRO C <sub>6</sub> -C <sub>10</sub> mg/kg	DRO >C <sub>10</sub> -C <sub>28</sub> mg/kg	EXT DRO >C <sub>28</sub> -C <sub>36</sub> mg/kg	Total TPH (GRO+DRO+EXT DRO) mg/kg	
N SW-1	5/10/2023	-	368		288	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
E SW-1	5/10/2023	-	147		96	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
S SW-1	5/10/2023	-	125		96	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
W SW-1	5/10/2023	-	391		304	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
FS-1	5/10/2023	2	315		272	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
FS-2	5/10/2023	1	165		144	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
FS-3	5/10/2023	1	171		160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
FS-4	5/10/2023	1	306		256	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
FS-5	5/11/2023	2	292		208	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-
FS-6	5/11/2023	4	336		240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	-

NOTES:

- 1. Feet
- 2. Below ground surface
- 3. mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- DRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500C1-B
- 2 Method 8021B
- 3 Method 8015M

# **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

FEB 19 2018

Form C-141  
Revised April 3, 2017

RECEIVED  
Submit copies to appropriate District Office in accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

*NAB1805142140*

**OPERATOR**  Initial Report  Final Report

Name of Company: <b>COG Operating, LLC (OGRID# 229137)</b>	Contact: <b>Robert McNeill</b>
Address: <b>600 West Illinois Avenue, Midland TX 79701</b>	Telephone No.: <b>432-683-7443</b>
Facility Name: <b>Tequiza Federal #001</b>	Facility Type: <b>Oil Well</b>

Surface Owner: <b>BLM</b>	Mineral Owner: <b>Federal</b>	API No.: <b>30-015-35849</b>
---------------------------	-------------------------------	------------------------------

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
O	34	21S	25E	330	South	2310	East	Eddy

Latitude: 32.4291992 Longitude: -104.3825226 NAD83

**NATURE OF RELEASE**

Type of Release: <b>Oil and Produced Water</b>	Volume of Release: <b>1.5bbls Oil &amp; 15bbls PW</b>	Volume Recovered: <b>1bbls Oil &amp; 10bbls PW</b>
Source of Release: <b>Stuffing Box</b>	Date and Hour of Occurrence: <b>2/17/2018</b>	Date and Hour of Discovery: <b>2/17/2018 1:00pm</b>
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.*		
The packing failed and fluid was released out of the top of the packing gland. The packing was replaced.		
Describe Area Affected and Cleanup Action Taken.*		
All of the fluid remained on location. A vacuum truck was utilized to recover all freestanding fluids. Concho will have the spill area evaluated for any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant 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 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: <i>Sheldon Hitchcock</i>		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Sheldon L. Hitchcock</b>		Approved by Environmental Specialist Signed BY: <i>[Signature]</i>	
Title: <b>HSE Coordinator</b>		Approval Date: <b>2/20/18</b>	Expiration Date: <b>NIA</b>
E-mail Address: <b>slhitchcock@concho.com</b>		Conditions of Approval: <b>See attached</b>	
Date: <b>2/19/2018</b> Phone: <b>575-746-2010</b>		Attached: <b>JRP-4032</b>	

\* Attach Additional Sheets If Necessary

Incident ID	nAB1805142690
District RP	2RP 4632
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?	≤50(ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
515 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.

State of New Mexico  
Oil Conservation Division

Incident ID	nAB1805142690
District RP	2RP 4632
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: Ike Tavaréz Title: Senior HSE Supervisor  
 Signature:  Date: 11/4/18  
 email: itavaréz@concho.com Telephone: 432-683-7443

**OCD Only**

Received by: Jocelyn Harimon Date: 11/21/2022

Incident ID	nAB1805142690
District RP	2RP 4632
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: Ike Tavarez Title: Senior HSE Supervisor

Signature:  Date: 11/8/18

email: itavarez@concho.com Telephone: 432-683-7443

**OCD Only**

Received by: Jocelyn Harimon Date: 11/21/2022

- Approved     Approved with Attached Conditions of Approval     Denied     Deferral Approved

Signature:  Date: 11/29/2022

Incident ID	nAB1805142690
District RP	2RP-4632
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: Ike Tavarez Title: Program Manager, Remediation

Signature:  Date: 6/6/23

email: ike.tavarez@conocophillips.com Telephone: 432-685-2573

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

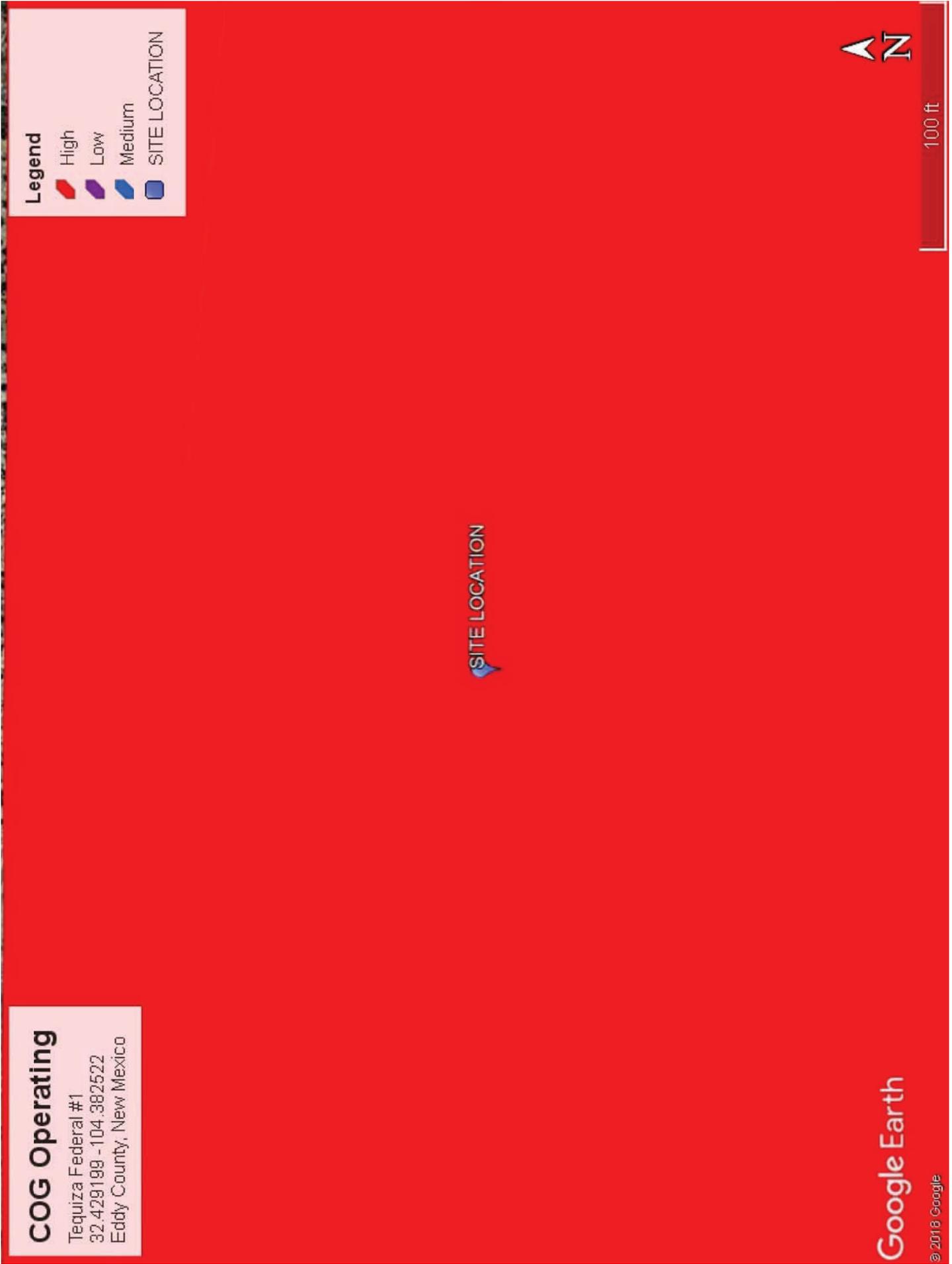
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance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

Closure Approved by:  Date: 6/8/2023

Printed Name: Brittany Hall Title: Environmental Specialist

# **APPENDIX B**

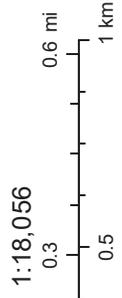
## **Site Characterization (COG)**



# New Mexico NFHL Data



November 12, 2018



1:18,056

FEMA  
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS,

nmflood.org is made possible through a collaboration with NMDHSEM, EDAC, and FEMA  
This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.



**National Water Information System: Mapper**

Sites  Map

**Search**

Search by Street Address:

Search by Place Name:

Search by Site Number(s):

Search by State/Territory:

Search by Watershed Region:

Surface-Water Sites

Groundwater Sites

Springs

Atmospheric Sites

Other Sites



Site Information



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### National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:	Geographic Area:	
Groundwater	New Mexico	GO

Click to hide News Bulletins

- [Please see news on new formats](#)
- **UPDATE, 11/9: As of November 8, the USGS has successfully restored all of the operational gages that stopped transmitting due to an issue with the satellite telemetry system that records and transmits data. The USGS will now focus on restoring other equipment that experienced the telemetry issues, including about 85 rapid deployment gages that are used periodically for emergency response. Read [more](#)**
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

### Search Results -- 1 sites found

Agency code = usgs  
 site\_no list = 

- 322259104255001

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

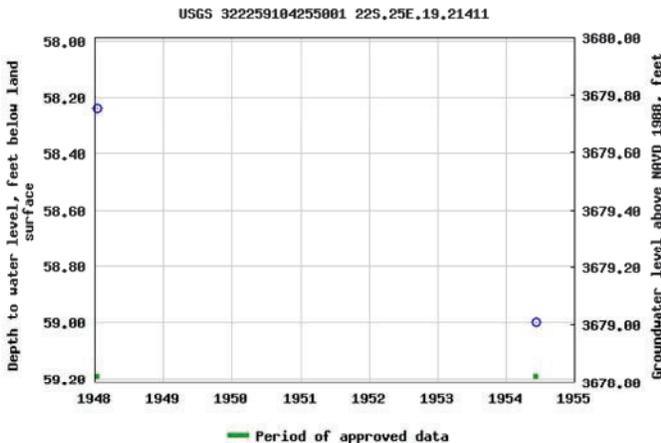
### USGS 322259104255001 22S.25E.19.21411

Available data for this site

Eddy County, New Mexico  
 Hydrologic Unit Code --  
 Latitude 32°22'59", Longitude 104°25'50" NAD27  
 Land-surface elevation 3,738 feet above NAVD88  
 The depth of the well is 75 feet below land surface.  
 This well is completed in the Yates Formation, Guadalupe Group (313YATS) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>



Breaks in the plot represent a gap of at least one year between field measurements.  
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Data Category:	Geographic Area:	
Groundwater	New Mexico	GO

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- **UPDATE, 11/9: As of November 8, the USGS has successfully restored all of the operational gages that stopped transmitting due to an issue with the satellite telemetry system that records and transmits data. The USGS will now focus on restoring other equipment that experienced the telemetry issues, including about 85 rapid deployment gages that are used periodically for emergency response. Read [more](#)**
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

### Search Results -- 1 sites found

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 site\_no list = 

- 322310104211701

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

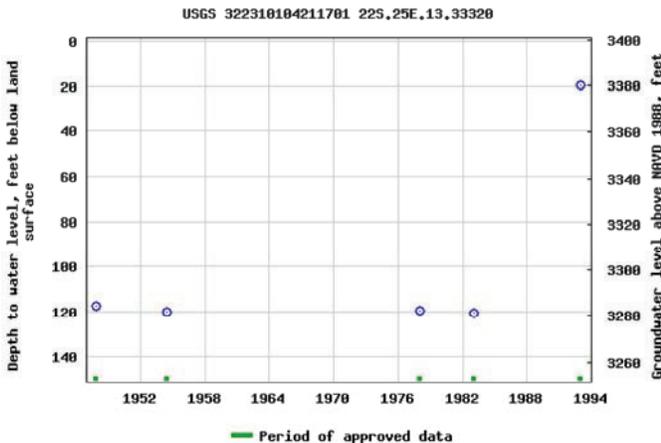
### USGS 322310104211701 22S.25E.13.33320

Available data for this site

Eddy County, New Mexico  
 Hydrologic Unit Code --  
 Latitude 32°23'10", Longitude 104°21'17" NAD27  
 Land-surface elevation 3,401 feet above NAVD88  
 The depth of the well is 160 feet below land surface.  
 This well is completed in the Yates Formation, Guadalupe Group (313YATS) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>



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Data Category:	Geographic Area:	
Groundwater	New Mexico	GO

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### Search Results -- 1 sites found

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- 322411104243501

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 322411104243501 22S.25E.08.441222

Available data for this site

Eddy County, New Mexico

Hydrologic Unit Code --

Latitude 32°24'11", Longitude 104°24'35" NAD27

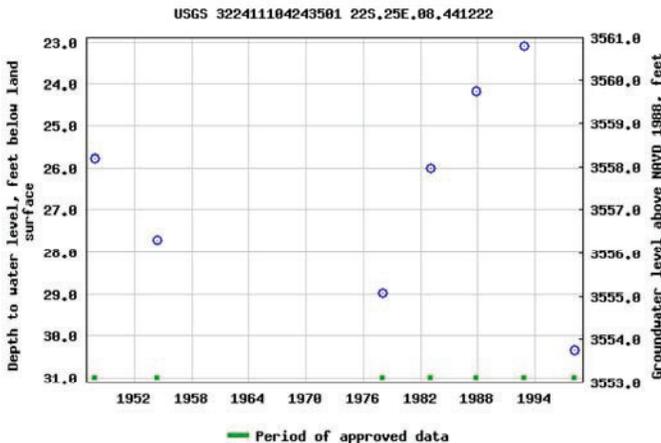
Land-surface elevation 3,584 feet above NAVD88

The depth of the well is 43 feet below land surface.

This well is completed in the Yates Formation, Guadalupe Group (313YATS) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
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Groundwater	New Mexico	GO

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### Search Results -- 1 sites found

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- 322703104215601

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

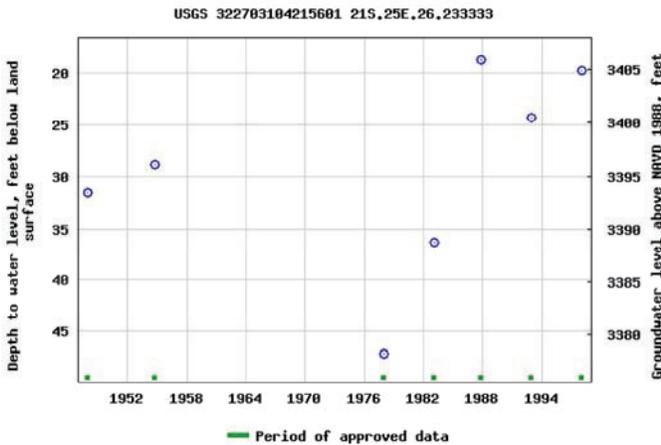
### USGS 322703104215601 21S.25E.26.233333

Available data for this site

Eddy County, New Mexico  
 Hydrologic Unit Code --  
 Latitude 32°27'03", Longitude 104°21'56" NAD27  
 Land-surface elevation 3,425 feet above NAVD88  
 The depth of the well is 125 feet below land surface.  
 This well is completed in the Rustler Formation (312RSLR) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
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Groundwater	New Mexico	GO

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- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

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Agency code = usgs  
 site\_no list = 

- 322411104243501

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

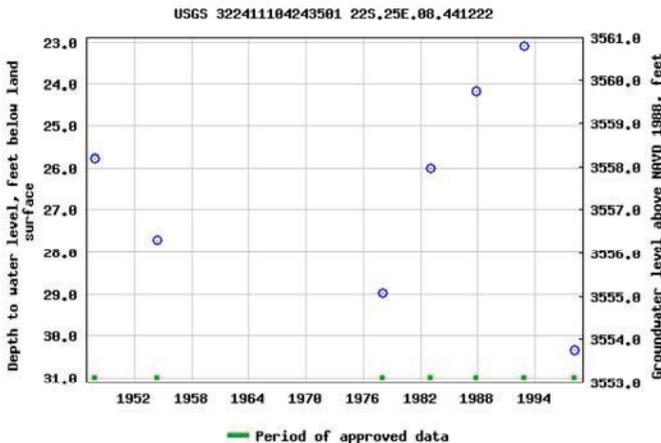
### USGS 322411104243501 22S.25E.08.441222

Available data for this site

Eddy County, New Mexico  
 Hydrologic Unit Code --  
 Latitude 32°24'11", Longitude 104°24'35" NAD27  
 Land-surface elevation 3,584 feet above NAVD88  
 The depth of the well is 43 feet below land surface.  
 This well is completed in the Yates Formation, Guadalupe Group (313YATS) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>



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Groundwater levels for New Mexico

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 site\_no list = 

- 322259104255001

Minimum number of levels = 1  
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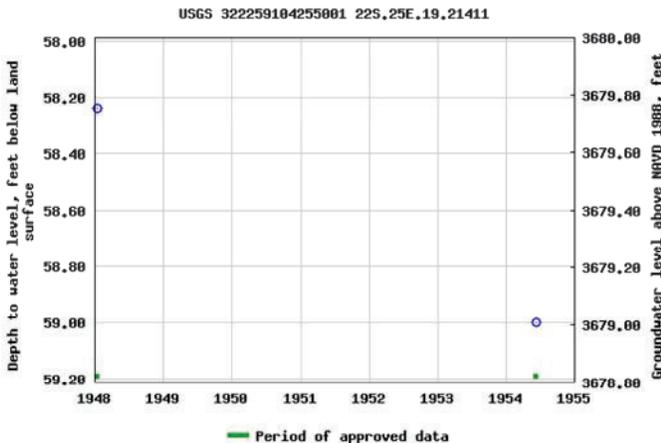
### USGS 322259104255001 22S.25E.19.21411

Available data for this site

Eddy County, New Mexico  
 Hydrologic Unit Code --  
 Latitude 32°22'59", Longitude 104°25'50" NAD27  
 Land-surface elevation 3,738 feet above NAVD88  
 The depth of the well is 75 feet below land surface.  
 This well is completed in the Yates Formation, Guadalupe Group (313YATS) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>



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[Download a presentation-quality graph](#)

[Questions about sites/data?](#)  
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# 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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	DepthWell	DepthWater	Water Column
<a href="#">C 00107</a>		CUB	ED	4	3	3	09	21S	25E	555822	3594647*	<input type="checkbox"/>	300	
<a href="#">C 00384</a>		C	ED	1	4	1	17	21S	25E	554431	3593935	<input type="checkbox"/>	994	220 774
<a href="#">C 00384 CLW201180</a>	O	C	ED	3	2	1	17	21S	25E	554411	3594236*	<input type="checkbox"/>	994	220 774
<a href="#">C 00384 CLW201207</a>	O	C	ED	3	2	1	17	21S	25E	554411	3594236*	<input type="checkbox"/>	994	220 774
<a href="#">C 00550</a>		C	ED	1	1	2	11	21S	25E	559689	3596136*	<input type="checkbox"/>	97	
<a href="#">C 00885</a>		C	ED	3	4	2	05	21S	25E	555204	3597091*	<input type="checkbox"/>	348	
<a href="#">C 00885 POD2</a>		C	ED	3	4	2	05	21S	25E	555204	3597091*	<input type="checkbox"/>	379	348 31
<a href="#">C 01041</a>		C	ED	3	3	3	03	21S	25E	557260	3596343*	<input type="checkbox"/>	85	65 20
<a href="#">C 01166</a>		C	ED		1	3	11	21S	25E	558976	3595176*	<input type="checkbox"/>	550	
<a href="#">C 01399</a>		C	LE	3	3	2	15	21S	25E	558068	3593839*	<input type="checkbox"/>	200	
<a href="#">C 01451</a>		C	ED		3	3	22	21S	25E	557373	3591507*	<input type="checkbox"/>	290	260 30
<a href="#">C 01455</a>		C	ED		3	2	26	21S	25E	559780	3590713*	<input type="checkbox"/>	125	90 35
<a href="#">C 01456</a>	R	C	ED		2	2	33	21S	25E	557012	3589339	<input type="checkbox"/>	60	17 43
<a href="#">C 01456 POD2</a>		C	ED	4	2	2	33	21S	25E	557012	3589339	<input type="checkbox"/>	80	60 20
<a href="#">C 01470</a>		C	ED		2	4	06	21S	25E	553698	3596774*	<input type="checkbox"/>	284	264 20
<a href="#">C 02066</a>		C	ED	3	3	3	04	21S	25E	555616	3596280*	<input type="checkbox"/>	120	97 23
<a href="#">C 02268</a>		CUB	ED	1	4	3	11	21S	25E	559277	3594853*	<input type="checkbox"/>	30	25 5
<a href="#">C 02643</a>		C	ED		3	3	03	21S	25E	557361	3596444*	<input type="checkbox"/>	145	33 112
<a href="#">C 02731</a>		C	ED	1	3	4	18	21S	25E	553218	3593208*	<input type="checkbox"/>	233	60 173
<a href="#">C 03618 POD1</a>		C	ED	2	2	1	03	21S	25E	557943	3597754	<input type="checkbox"/>	160	80 80

Average Depth to Water: **137 feet**

Minimum Depth: **17 feet**

Maximum Depth: **348 feet**

**Record Count:** 20

**PLSS Search:**

**Township:** 21S **Range:** 25E

\*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.

11/12/18 9:20 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



# 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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
<a href="#">C_00959</a>		C	ED	1	1	1	27	22S	25E	557349	3581495*	<input type="checkbox"/>		
<a href="#">C_00960</a>		C	ED	3	1	2	28	22S	25E	556534	3581303*	<input type="checkbox"/>	69	52 17
<a href="#">C_00961</a>		C	ED	4	1	2	19	22S	25E	553461	3582890*	<input type="checkbox"/>	80	60 20
<a href="#">C_00988</a>		C	ED			4	01	22S	25E	561503	3586854*	<input type="checkbox"/>	55	20 35
<a href="#">C_01288</a>		C	ED		1	4	20	22S	25E	554996	3582193*	<input type="checkbox"/>	800	
<a href="#">C_01492</a>		C	ED	1	2	4	30	22S	25E	553689	3580659*	<input type="checkbox"/>		
<a href="#">C_01738</a>		C	ED	4	2	3	16	22S	25E	556273	3583728*	<input type="checkbox"/>	204	
<a href="#">C_01758</a>		C	ED	4	2	3	16	22S	25E	556273	3583728*	<input type="checkbox"/>		
<a href="#">C_01856</a>		C	ED			4	09	22S	25E	556774	3585236*	<input type="checkbox"/>	460	
<a href="#">C_02362</a>		CUB	ED	1	3	3	29	22S	25E	554108	3580247*	<input type="checkbox"/>	83	60 23
<a href="#">C_02874</a>		C	ED	4	3	2	11	22S	25E	559796	3585738*	<input type="checkbox"/>	740	385 355
<a href="#">C_03552 POD1</a>		C	ED	4	4	2	15	22S	25E	558548	3584192	<input type="checkbox"/>	250	150 100

Average Depth to Water: **121 feet**  
 Minimum Depth: **20 feet**  
 Maximum Depth: **385 feet**

**Record Count:** 12

**PLSS Search:**

**Township:** 22S    **Range:** 25E

\*UTM location was derived from PLSS - see Help

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11/12/18 9:46 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



USGS Home  
Contact USGS  
Search USGS

### National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category:	Geographic Area:	
Groundwater	New Mexico	GO

Click to hide News Bulletins

- [Please see news on new formats](#)
- **UPDATE, 11/9: As of November 8, the USGS has successfully restored all of the operational gages that stopped transmitting due to an issue with the satellite telemetry system that records and transmits data. The USGS will now focus on restoring other equipment that experienced the telemetry issues, including about 85 rapid deployment gages that are used periodically for emergency response. Read [more](#)**
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

### Search Results -- 1 sites found

Agency code = usgs  
 site\_no list = 

- 322715104144501

Minimum number of levels = 1  
[Save file of selected sites](#) to local disk for future upload

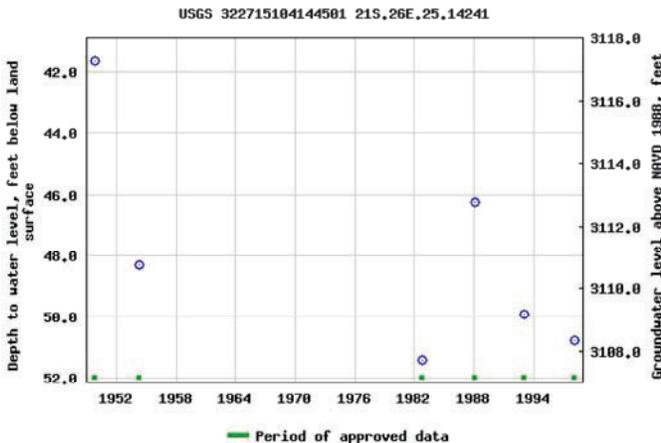
### USGS 322715104144501 21S.26E.25.14241

Available data for this site

Eddy County, New Mexico  
 Hydrologic Unit Code --  
 Latitude 32°27'15", Longitude 104°14'45" NAD27  
 Land-surface elevation 3,159 feet above NAVD88  
 The depth of the well is 464 feet below land surface.  
 This well is completed in the Capitan Limestone (313CPTN) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>



Breaks in the plot represent a gap of at least one year between field measurements.  
[Download a presentation-quality graph](#)

[Questions about sites/data?](#)  
[Feedback on this web site](#)

# **APPENDIX C**

## **Regulatory Correspondence**

**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)  
**To:** [Beauvais, Charles R](#)  
**Subject:** [EXTERNAL]The Oil Conservation Division (OCD) has approved the application, Application ID: 160303  
**Date:** Tuesday, November 29, 2022 1:19:35 PM

---

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern (c/o Charles Beauvais for COG OPERATING LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAB1805142690, with the following conditions:

- **Remediation and closure must be in compliance with 19.15.29.12 and 19.15.29.13 NMAC.**
- **In the "Sampling Plan" portion of the report, it states "To collect representative samples, composite samples (5-point composite) will be collected every 600 square feet (25 x 25) for the final confirmation sampling for the constituents of concern." The OCD approves 5-point composite samples representative of NO MORE THAN 400 SQUARE FEET. All other sampling is approved per the workplan.**
- **All confirmation samples must be analyzed for all constituents listed in Table I.**
- **2RP-4632 closed. Please refer to incident #NAB1805142690 in all future communication.**
- **Please submit a complete closure report through the OCD Permitting website by 3/3/2023.**

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](mailto:Brittany.Hall@emnrd.nm.gov)

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

**Poole, Nicholas**

---

**From:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Sent:** Wednesday, May 10, 2023 9:36 AM  
**To:** Poole, Nicholas  
**Cc:** Bratcher, Michael, EMNRD; Hall, Brittany, EMNRD  
**Subject:** RE: [EXTERNAL] Incident ID: nAB1805142690- 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.

JH

**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](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



---

**From:** Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>  
**Sent:** Tuesday, May 9, 2023 1:51 PM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Cc:** Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>  
**Subject:** [EXTERNAL] Incident ID: nAB1805142690- Confirmation Sampling

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

Incident ID (n#) **nAB1805142690** (Tequiza Federal #1)

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, May 8, 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 release will be conducted at this site Thursday, May 11, 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@tetrattech.com](mailto:nicholas.poole@tetrattech.com)

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8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | [tetrattech.com](http://tetrattech.com)

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**Poole, Nicholas**

---

**From:** Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>  
**Sent:** Friday, April 21, 2023 3:21 PM  
**To:** Poole, Nicholas  
**Cc:** Llull, Christian  
**Subject:** RE: [EXTERNAL] Extension Request - Application ID 160303 (nAB1805142690)

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

Mr. Poole,

The extension request for nAB1805142690 is approved. New due date is 6/1/2023.

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.

Thank you,

**Brittany Hall** • Environmental Specialist  
Environmental Bureau Projects Group  
EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87110  
505.517.5333 | [Brittany.Hall@emnrd.nm.gov](mailto:Brittany.Hall@emnrd.nm.gov)  
<http://www.emnrd.nm.gov/ocd/>

---

**From:** Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>  
**Sent:** Friday, April 21, 2023 2:16 PM  
**To:** Hall, Brittany, EMNRD <Brittany.Hall@emnrd.nm.gov>  
**Cc:** Llull, Christian <Christian.Llull@tetrattech.com>  
**Subject:** [EXTERNAL] Extension Request - Application ID 160303 (nAB1805142690)

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

Ms. Hall:

On behalf of ConocoPhillips, Tetra Tech is requesting a 90-day extension (until June 1, 2023) to complete remedial activities and reporting associated with the Tequiza Federal #1 Release Site (nAB1805142690)

ConocoPhillips recently received a large volume of NMOCD determinations related to unresolved releases from ConocoPhillips' predecessor-in-interest ("COG") via the *Internal Manual Incident File Supporting Documentation (ENV)* (IM-BNF) process.

Given the difficulties inherent with available resource allocation for several projects with similar deadlines within a short period of time, this extension is required to safely complete the additional assessment and/or remediation. ConocoPhillips plans to conduct the remediation in the coming month, and once the sampling data is collected, tabulated, and evaluated, a closure report will be submitted to the OCD.

Please let me know if you have any questions or concerns.

**Nicholas Poole** | Project Scientist  
Mobile +1 (512) 560-9064 | [nicholas.poole@tetrattech.com](mailto:nicholas.poole@tetrattech.com)

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# **APPENDIX D**

## **Laboratory Analytical Data**



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

---

April 10, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: TEQUIZA FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 04/04/23 14:35.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 2 (0-1') (H231540-01)**

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	04/05/2023	ND	2.00	99.8	2.00	1.43	
<b>Toluene*</b>	<b>0.106</b>	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
<b>Ethylbenzene*</b>	<b>0.165</b>	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
<b>Total Xylenes*</b>	<b>0.271</b>	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
<b>Total BTEX</b>	<b>0.542</b>	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>24000</b>	16.0	04/05/2023	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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 3 (0-1') (H231540-02)**

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	04/05/2023	ND	2.00	99.8	2.00	1.43	
Toluene*	<0.050	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
<b>Ethylbenzene*</b>	<b>0.063</b>	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>688</b>	16.0	04/05/2023	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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 4 (0-1') (H231540-03)**

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	04/05/2023	ND	2.00	99.8	2.00	1.43	
<b>Toluene*</b>	<b>0.069</b>	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
<b>Ethylbenzene*</b>	<b>0.078</b>	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>22800</b>	16.0	04/05/2023	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	04/05/2023	ND	211	105	200	1.64	
<b>DRO &gt;C10-C28*</b>	<b>110</b>	10.0	04/05/2023	ND	206	103	200	1.25	
<b>EXT DRO &gt;C28-C36</b>	<b>69.8</b>	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 5 (0-1') (H231540-04)**

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	04/05/2023	ND	2.00	99.8	2.00	1.43	
<b>Toluene*</b>	<b>0.273</b>	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
<b>Ethylbenzene*</b>	<b>0.153</b>	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
<b>Total Xylenes*</b>	<b>0.191</b>	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
<b>Total BTEX</b>	<b>0.616</b>	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	04/05/2023	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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 6 (0-1') (H231540-05)**

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	04/05/2023	ND	2.00	99.8	2.00	1.43	
<b>Toluene*</b>	<b>0.090</b>	0.050	04/05/2023	ND	2.02	101	2.00	1.34	
<b>Ethylbenzene*</b>	<b>0.092</b>	0.050	04/05/2023	ND	2.05	102	2.00	1.80	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.25	104	6.00	2.33	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>96.0</b>	16.0	04/05/2023	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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 7 (0-1') (H231540-06)**

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	04/05/2023	ND	2.00	99.8	2.00	1.43		
Toluene*	<0.050	0.050	04/05/2023	ND	2.02	101	2.00	1.34		
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	2.05	102	2.00	1.80		
Total Xylenes*	<0.150	0.150	04/05/2023	ND	6.25	104	6.00	2.33		
Total BTEX	<0.300	0.300	04/05/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/05/2023	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	04/05/2023	ND	211	105	200	1.64		
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25		
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND						

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 8 (0-1') (H231540-07)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/05/2023	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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 9 (0-1') (H231540-08)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 77.5-125

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	04/05/2023	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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 10 (0-1') (H231540-09)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/05/2023	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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 1 (0-1') (H231540-10)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	38400	16.0	04/05/2023	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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 1 (1'-2') (H231540-11)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	04/05/2023	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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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:	04/04/2023	Sampling Date:	04/04/2023
Reported:	04/10/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: AH - 23 - 1 (2'-3') (H231540-12)**

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	04/05/2023	ND	1.93	96.5	2.00	3.04	
Toluene*	<0.050	0.050	04/05/2023	ND	1.95	97.7	2.00	1.29	
Ethylbenzene*	<0.050	0.050	04/05/2023	ND	1.95	97.5	2.00	1.63	
Total Xylenes*	<0.150	0.150	04/05/2023	ND	5.90	98.3	6.00	0.946	
Total BTEX	<0.300	0.300	04/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 77.5-125

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	04/05/2023	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	04/05/2023	ND	211	105	200	1.64	
DRO >C10-C28*	<10.0	10.0	04/05/2023	ND	206	103	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	04/05/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
 (575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: Tetra Tech  
 Project Manager: Christian Lull  
 Address: 8911 Capital o Texas Hwy, Suite 2310  
 City: Austin State: TX Zip:  
 P.O. #: Company: Tetra Tech  
 Attn: Christian Lull  
 Project #: 212C-MD-02881 Project Owner: ConocoPhillips  
 City: Address: EMAIL  
 State: Zip:  
 Project Location: Eddy County, New Mexico  
 Phone #: Fax #:  
 Sampler Name: Colton Bickerstaff  
 FOR LAB USE ONLY  
 Lab I.D.:

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500CI-B	HOLD
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:								
AH-23-2 (0-1)	G	1	X						X	4/4/2023		X	X	X		
AH-23-3 (0-1)	G	1	X						X	4/4/2023		X	X	X		
AH-23-4 (0-1)	G	1	X						X	4/4/2023		X	X	X		
AH-23-5 (0-1)	G	1	X						X	4/4/2023		X	X	X		
AH-23-6 (0-1)	G	1	X						X	4/4/2023		X	X	X		
AH-23-7 (0-1)	G	1	X						X	4/4/2023		X	X	X		
AH-23-8 (0-1)	G	1	X						X	4/4/2023		X	X	X		
AH-23-9 (0-1)	G	1	X						X	4/4/2023		X	X	X		
AH-23-10 (0-1)	G	1	X						X	4/4/2023		X	X	X		
AH-23-1 (0-1)	G	1	X						X	4/4/2023		X	X	X		

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Relinquished By: Colton Bickerstaff  
 Date: 4/4/23  
 Time: 7:435  
 Received By: SPO designevy  
 Date: 4/4/23  
 Time: 5:58  
 Observed Temp. °C: 64  
 Corrected Temp. °C: 58  
 Sample Condition: Cool  Moist   
 Checked By: (Initials) SR  
 Verbal Result:  Yes  No  
 Add'l Phone #:   
 All Results are emailed. Please provide Email address: Christian.Lull@tetratech.com  
 REMARKS:  
 Transmittance: Standard  Bacteria (only) Sample Condition  
 Ruler:  Standard  TMI  Cool  Moist  Observed Temp. °C  
 Thermometer ID #113  
 Correction Factor:      
 Yes  No  Yes  No  Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsrtn.com

FORM-506 R 3.2 10/07/21





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

---

May 11, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: TEQUIZA FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 05/10/23 16:55.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: NSW - 1 (H232339-01)**

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEX	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	288	16.0	05/11/2023	ND	416	104	400	3.77	

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	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 86.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: ESW - 1 (H232339-02)**

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEX	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	96.0	16.0	05/11/2023	ND	416	104	400	3.77	

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	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: SSW - 1 (H232339-03)**

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	05/11/2023	ND	2.05	102	2.00	13.7	
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0	
Total BTEX	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	96.0	16.0	05/11/2023	ND	416	104	400	3.77	

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	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: WSW - 1 (H232339-04)**

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	05/11/2023	ND	2.05	102	2.00	13.7		
Toluene*	<0.050	0.050	05/11/2023	ND	2.10	105	2.00	12.8		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.02	101	2.00	10.6		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.26	104	6.00	11.0		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	05/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	164	82.0	200	0.719		
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41		
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND						

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: FS - 1 (H232339-05)**

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEX	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	05/11/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: FS - 2 (H232339-06)**

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	05/11/2023	ND	1.95	97.5	2.00	4.26		
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.36	106	6.00	6.04		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	164	82.0	200	0.719		
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41		
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND						

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: FS - 3 (H232339-07)**

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	05/11/2023	ND	1.95	97.5	2.00	4.26	
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30	
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64	
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.36	106	6.00	6.04	
Total BTEX	<0.300	0.300	05/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/11/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	164	82.0	200	0.719	
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41	
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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:	05/10/2023	Sampling Date:	05/10/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-02881	Sample Received By:	Tamara Oldaker
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: FS - 4 (H232339-08)**

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	05/11/2023	ND	1.95	97.5	2.00	4.26		
Toluene*	<0.050	0.050	05/11/2023	ND	2.03	101	2.00	5.30		
Ethylbenzene*	<0.050	0.050	05/11/2023	ND	2.15	108	2.00	6.64		
Total Xylenes*	<0.150	0.150	05/11/2023	ND	6.36	106	6.00	6.04		
Total BTEX	<0.300	0.300	05/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	256	16.0	05/11/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/11/2023	ND	164	82.0	200	0.719		
DRO >C10-C28*	<10.0	10.0	05/11/2023	ND	168	83.8	200	2.41		
EXT DRO >C28-C36	<10.0	10.0	05/11/2023	ND						

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Conoco Phillips  
 Project Manager: Christina Lind  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Project #: 212C-MD-02881 Project Owner: \_\_\_\_\_  
 Project Name: Teguiza Federal # 001  
 Project Location: Eddy Co, NM  
 Sampler Name: Andrew Garcia

P.O. #: \_\_\_\_\_  
 Company: Tetra Tech  
 Attn: Christina Lind  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<u>H233331</u>	<u>NSW-1</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>X</u>	<u>2023</u>	<u>9:00</u>	<u>Chlorides 4500</u>	
	<u>ESW-1</u>	<u>G</u>	<u>1</u>								<u>10:00</u>	<u>10:30</u>	<u>BTEX</u>	
	<u>WSW-1</u>	<u>G</u>	<u>1</u>								<u>11:00</u>	<u>11:30</u>	<u>TPH</u>	
	<u>FS-1</u>	<u>G</u>	<u>1</u>								<u>12:06</u>	<u>12:30</u>		
	<u>FS-2</u>	<u>G</u>	<u>1</u>											
	<u>FS-3</u>	<u>G</u>	<u>1</u>											
	<u>FS-4</u>	<u>G</u>	<u>1</u>											

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Relinquished By: Andrew Garcia  
 Date: 10 May 23  
 Time: 10:55  
 Received By: [Signature]  
 Date: 10 May 23  
 Time: \_\_\_\_\_

Verbal Result:  Yes  No  Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_

Delivered By: (Circle One) Observed Temp. °C: 43  
 Sampler - UPS - Bus - Other: Corrected Temp. °C: 8.6  
 Sample Condition:  Intact  Cool  Yes  No  Yes  No  
 CHECKED BY: (Initials) [Signature]  
 Turnaround Time: \_\_\_\_\_ Standard  Rush   
 Thermometer ID #113: 24405  
 Correction Factor -0.8°C:  Yes  No  Yes  No  
 Bacteria (only) Sample Condition:  Cool  Intact  Yes  No  Yes  No  
 Corrected Temp. °C: \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

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May 12, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: TEQUIZA FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 05/11/23 16:05.

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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/12/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02881	Sample Received By:	Shari Cisneros
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: FS - 5 (H232367-01)**

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	05/12/2023	ND	2.27	114	2.00	4.34	
Toluene*	<0.050	0.050	05/12/2023	ND	2.25	113	2.00	4.03	
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.22	111	2.00	4.08	
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.76	113	6.00	5.15	
Total BTEX	<0.300	0.300	05/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	208	16.0	05/12/2023	ND	432	108	400	3.64	

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	05/12/2023	ND	195	97.4	200	3.47	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	192	96.2	200	10.8	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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\*=Accredited Analyte

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**Analytical Results For:**

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

Received:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/12/2023	Sampling Type:	Soil
Project Name:	TEQUIZA FEDERAL #001	Sampling Condition:	** (See Notes)
Project Number:	212C-MD-02881	Sample Received By:	Shari Cisneros
Project Location:	COP - EDDY COUNTY, NEW MEXICO		

**Sample ID: FS - 6 (H232367-02)**

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	05/12/2023	ND	2.27	114	2.00	4.34		
Toluene*	<0.050	0.050	05/12/2023	ND	2.25	113	2.00	4.03		
Ethylbenzene*	<0.050	0.050	05/12/2023	ND	2.22	111	2.00	4.08		
Total Xylenes*	<0.150	0.150	05/12/2023	ND	6.76	113	6.00	5.15		
Total BTEX	<0.300	0.300	05/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	05/12/2023	ND	432	108	400	3.64		

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	05/12/2023	ND	195	97.4	200	3.47		
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	192	96.2	200	10.8		
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND						

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

Company Name: **Conoco Phillips**  
Project Manager: **Christan Llum**

Address: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

Project #: **212C-MD-02881** Project Owner: \_\_\_\_\_

Project Name: **Tegwiza Federal Pool**

Project Location: **Eddy Co, NM**

Sampler Name: **Andrew Garcia**

BILL TO

P.O. #: \_\_\_\_\_

Company: **Tetra Tech**

Attn: **Tetra Christen**

Address: **Llum**

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone #: \_\_\_\_\_

Fax #: \_\_\_\_\_

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	PH	BTEX	Chlorides 4600
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:							
H838367	FS-5	G	1	X								2023	9:00	X	X	X	
	FS-6	G	1	X								11 May	1000	X	X	X	

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Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_

Relinquished By: **Andrew Garcia** Date: **11 May 23** Received By: **Christen Llum**

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Received By: \_\_\_\_\_

Delivered By: (Circle One) \_\_\_\_\_ Observed Temp. °C: **20.4** Sample Condition:  Cool  Intact

Sampler - UPS - Bus - Other: \_\_\_\_\_ Corrected Temp. °C: **19.8**  Yes  No

FORM 006 REV 07/10/22

Turnaround Time: \_\_\_\_\_ Standard  Rush  Bacteria (only)  Sample Condition  Cool  Intact

Thermometer ID #113 Correction Factor -0.6°C  Yes  No

Remarks: **Ni holes. Poole @ tetra tech. com**

Verbal Results:  Yes  No Add'l Phone #: \_\_\_\_\_

All Results are emailed. Please provide Email address: **christen.llum@tetra tech. com**

# **APPENDIX E**

## **Waste Manifests**



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 01  
 Manif. Date: 5/9/2023  
 Hauler: MCNABB PARTNERS  
 Driver: JOSH  
 Truck #: M35  
 Card #  
 Job Ref #

Ticket #: 700-1428229  
 Bid #: O6UJ9A000JEC  
 Date: 5/9/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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:

- 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: \_\_\_\_\_

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 02  
 Manif. Date: 5/9/2023  
 Hauler: MCNABB PARTNERS LLC  
 Driver: GUMER  
 Truck #: M36  
 Card #  
 Job Ref #

Ticket #: 700-1428232  
 Bid #: O6UJ9A000JEC  
 Date: 5/9/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

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:

- 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**

Gumer Rdz

[Signature]

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_

Customer: CONOCOPHILLIPS  
Customer #: CRI2190  
Ordered by: IKE TAVAREZ  
AFE #:  
PO #:  
Manifest #: 03  
Manif. Date: 5/9/2023  
Hauler: MCNABB PARTNERS LLC  
Driver: MICHAEL  
Truck #: M34  
Card #  
Job Ref #

Ticket #: 700-1428236  
Bid #: O6UJ9A000JEC  
Date: 5/9/2023  
Generator: CONOCOPHILLIPS  
Generator #: 40946  
Well Ser. #: 35849  
Well Name: TEQUIZA FEDERAL  
Well #: 001  
Field:  
Field #:  
Rig: NON-DRILLING  
County: EDDY (NM)

Permian Basin

Facility: CRI

Product / Service

Quantity Units

Contaminated Soil (RCRA Exempt)

14.00 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:

- 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 04  
 Manif. Date: 5/9/2023  
 Hauler: MCNABB PARTNERS  
 Driver: JOSH  
 Truck #: M35  
 Card #  
 Job Ref #

Ticket #: 700-1428308  
 Bid #: O6UJ9A000JEC  
 Date: 5/9/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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:

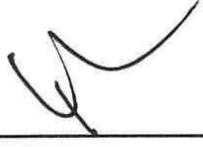
- RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
- RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 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: \_\_\_\_\_ 

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 05  
 Manif. Date: 5/9/2023  
 Hauler: MCNABB PARTNERS LLC  
 Driver: GUMER  
 Truck #: M36  
 Card #  
 Job Ref #

Ticket #: 700-1428309  
 Bid #: O6UJ9A000JEC  
 Date: 5/9/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

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:

- 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
-------------------------	-------------------------------

Gumer Rdz

[Signature]

**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 06  
 Manif. Date: 5/9/2023  
 Hauler: MCNABB PARTNERS  
 Driver: MICHAEL  
 Truck #: M34  
 Card #  
 Job Ref #

Ticket #: 700-1428325  
 Bid #: O6UJ9A000JEC  
 Date: 5/9/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

**Product / Service** **Quantity Units**

Contaminated Soil (RCRA Exempt) 14.00 yards

	Cell	pH	Cl	Cond.	%Solids	TDS	PCI/GM	MR/HR	H2S	% Oil	Weight
Lab Analysis:	28	0.00	0.00	0.00	0			3.00			

**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:

- 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 07  
 Manif. Date: 5/10/2023  
 Hauler: MCNABB PARTNERS LLC  
 Driver: JOEL  
 Truck #: M33  
 Card #  
 Job Ref #

Ticket #: 700-1428705  
 Bid #: O6UJ9A000JEC  
 Date: 5/10/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	14.00	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:

- 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
<hr/>	 <hr/>

Customer Approval

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 08  
 Manif. Date: 5/10/2023  
 Hauler: MCNABB PARTNERS  
 Driver: JOSH  
 Truck #: M35  
 Card #  
 Job Ref #

Ticket #: 700-1428702  
 Bid #: O6UJ9A000JEC  
 Date: 5/10/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
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Contaminated Soil (RCRA Exempt)	14.00 yards
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**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:

- 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 09  
 Manif. Date: 5/10/2023  
 Hauler: MCNABB PARTNERS LLC  
 Driver: JOSH  
 Truck #: M35  
 Card #  
 Job Ref #

Ticket #: 700-1428774  
 Bid #: O6UJ9A000JEC  
 Date: 5/10/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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:

- 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
-------------------------	-------------------------------

_____	_____ <i>[Signature]</i>
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**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: IKE TAVARES
AFE #:
PO #:
Manifest #: 10
Manif. Date: 5/10/2023
Hauler: MCNABB PARTNERS LLC
Driver: JOEL
Truck #: M33
Card #:
Job Ref #

Ticket #: 700-1428785
Bid #: O6UJ9A000JEC
Date: 5/10/2023
Generator: CONOCOPHILLIPS
Generator #: 40946
Well Ser. #: 35849
Well Name: TEQUIZA FEDERAL
Well #: 001
Field:
Field #:
Rig: NON-DRILLING
County: EDDY (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row 1: Contaminated Soil (RCRA Exempt), 14.00 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 \_\_\_\_\_
[Handwritten Signature]

Customer Approval \_\_\_\_\_

THIS IS NOT AN INVOICE!

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 11  
 Manif. Date: 5/11/2023  
 Hauler: MCNABB PARTNERS  
 Driver: RUBEN  
 Truck #: M32  
 Card #  
 Job Ref #

Ticket #: 700-1429006  
 Bid #: O6UJ9A000JEC  
 Date: 5/11/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

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:

- 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
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**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 12  
 Manif. Date: 5/11/2023  
 Hauler: MCNABB PARTNERS  
 Driver: ALBARO  
 Truck #: M31  
 Card #  
 Job Ref #

Ticket #: 700-1429008  
 Bid #: O6UJ9A000JEC  
 Date: 5/11/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

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:

- 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: \_\_\_\_\_ 



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 13  
 Manif. Date: 5/11/2023  
 Hauler: MCNABB PARTNERS  
 Driver: RUBEN  
 Truck #: M32  
 Card #  
 Job Ref #

Ticket #: 700-1429134  
 Bid #: O6UJ9A000JEC  
 Date: 5/11/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

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:

- 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 14  
 Manif. Date: 5/11/2023  
 Hauler: MCNABB PARTNERS  
 Driver: ALBARO  
 Truck #: M31  
 Card #  
 Job Ref #

Ticket #: 700-1429135  
 Bid #: O6UJ9A000JEC  
 Date: 5/11/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

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:

- 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: IKE TAVAREZ
AFE #:
PO #:
Manifest #: 15
Manif. Date: 5/11/2023
Hauler: MCNABB PARTNERS
Driver: MICHAEL
Truck #: M34
Card #:
Job Ref #

Ticket #: 700-1429132
Bid #: O6UJ9A000JEC
Date: 5/11/2023
Generator: CONOCOPHILLIPS
Generator #: 40946
Well Ser. #: 35849
Well Name: TEQUIZA FEDERAL
Well #: 001
Field:
Field #:
Rig: NON-DRILLING
County: EDDY (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row 1: Contaminated Soil (RCRA Exempt), 14.00 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.
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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 16  
 Manif. Date: 5/11/2023  
 Hauler: MCNABB PARTNERS  
 Driver: JOSH  
 Truck #: M35  
 Card #  
 Job Ref #

Ticket #: 700-1429128  
 Bid #: O6UJ9A000JEC  
 Date: 5/11/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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:

- 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 17  
 Manif. Date: 5/11/2023  
 Hauler: MCNABB PARTNERS  
 Driver: JOEL  
 Truck #: M33  
 Card #  
 Job Ref #

Ticket #: 700-1429167  
 Bid #: O6UJ9A000JEC  
 Date: 5/11/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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:

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



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 18  
 Manif. Date: 5/15/2023  
 Hauler: MCNABB PARTNERS  
 Driver: JOEL  
 Truck #: M33  
 Card #  
 Job Ref #

Ticket #: 700-1430342  
 Bid #: O6UJ9A000JEC  
 Date: 5/15/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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:

- 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 19  
 Manif. Date: 5/15/2023  
 Hauler: MCNABB PARTNERS  
 Driver: MICHAEL  
 Truck #: M34  
 Card #  
 Job Ref #

Ticket #: 700-1430337  
 Bid #: O6UJ9A000JEC  
 Date: 5/15/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
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Contaminated Soil (RCRA Exempt)	<del>16.00</del> yards <i>14 yards</i>
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**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:

- 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 20  
 Manif. Date: 5/15/2023  
 Hauler: MCNABB PARTNERS LLC  
 Driver: VICTOR  
 Truck #: 16  
 Card #  
 Job Ref #

Ticket #: 700-1430352  
 Bid #: O6UJ9A000JEC  
 Date: 5/15/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity	Units
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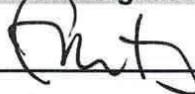
Contaminated Soil (RCRA Exempt)	16.00	yards
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**Generator Certification Statement of Waste Status**

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:

- 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
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**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 21  
 Manif. Date: 5/15/2023  
 Hauler: MCNABB PARTNERS LLC  
 Driver: RUBEN  
 Truck #: M09  
 Card #  
 Job Ref #

Ticket #: 700-1430350  
 Bid #: O6UJ9A000JEC  
 Date: 5/15/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity	Units
Contaminated Soil (RCRA Exempt)	10.00	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:

- 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
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**Customer Approval**

**THIS IS NOT AN INVOICE!**

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 22  
 Manif. Date: 5/15/2023  
 Hauler: MCNABB PARTNERS  
 Driver: MICHAEL  
 Truck #: M34  
 Card #  
 Job Ref #

Ticket #: 700-1430426  
 Bid #: O6UJ9A000JEC  
 Date: 5/15/2023  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 35849  
 Well Name: TEQUIZA FEDERAL  
 Well #: 001  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Facility: CRI

Product / Service	Quantity Units
Contaminated Soil (RCRA Exempt)	14.00 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:

- 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: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: IKE TAVREZ
AFE #:
PO #:
Manifest #: 23
Manif. Date: 5/15/2023
Hauler: MCNABB PARTNERS
Driver: JOEL
Truck #: M33
Card #:
Job Ref #

Ticket #: 700-1430428
Bid #: O6UJ9A000JEC
Date: 5/15/2023
Generator: CONOCOPHILLIPS
Generator #: 40946
Well Ser. #: 35849
Well Name: TEQUIZA FEDERAL
Well #: 001
Field:
Field #:
Rig: NON-DRILLING
County: EDDY (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row 1: Contaminated Soil (RCRA Exempt), 14.00 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.
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature (with handwritten signature)

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: IKE TAVAREZ
AFE #:
PO #:
Manifest #: 24
Manif. Date: 5/15/2023
Hauler: MCNABB PARTNERS LLC
Driver: RUBEN
Truck #: M09
Card #:
Job Ref #

Ticket #: 700-1430436
Bid #: O6UJ9A000JEC
Date: 5/15/2023
Generator: CONOCOPHILLIPS
Generator #: 40946
Well Ser. #: 35849
Well Name: TEQUIZA FEDERAL
Well #: 001
Field:
Field #:
Rig: NON-DRILLING
County: EDDY (NM)

Facility: CRI

Table with 2 columns: Product / Service, Quantity Units. Row 1: Contaminated Soil (RCRA Exempt), 10.00 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.
MSDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide description above)

Driver/ Agent Signature R360 Representative Signature (with handwritten signature)

Customer Approval

THIS IS NOT AN INVOICE!

Approved By: \_\_\_\_\_

Date: \_\_\_\_\_

# **APPENDIX F**

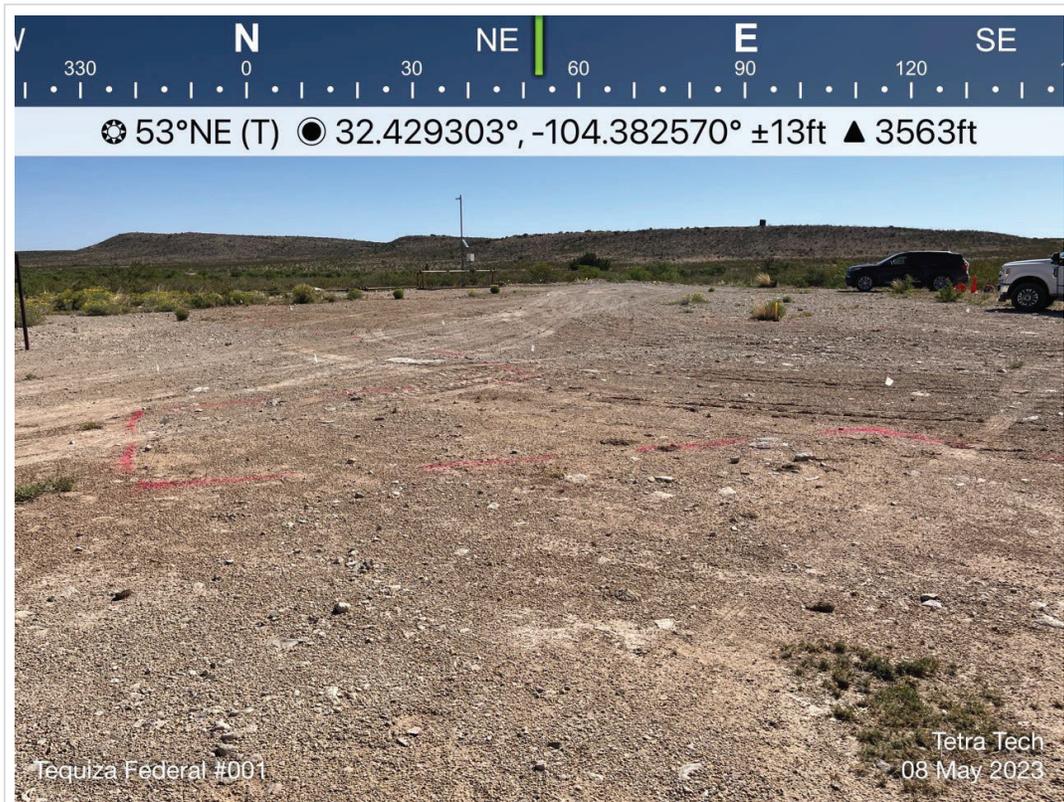
## **Photographic Documentation**



TETRA TECH, INC. PROJECT NO. 212C-MD-02881	DESCRIPTION	View northeast across pad with lease road to east.	1
	SITE NAME	Tequiza Federal #001 Release	1/16/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02881	DESCRIPTION	View north. Excavation area marked.	2
	SITE NAME	Tequiza Federal #001 Release	5/8/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02881	DESCRIPTION	View northeast. Excavation area marked.	3
	SITE NAME	Tequiza Federal #001 Release	5/8/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02881	DESCRIPTION	View southeast. Excavation activities.	4
	SITE NAME	Tequiza Federal #001 Release	5/9/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02881	DESCRIPTION	View northeast. Excavation activities.	5
	SITE NAME	Tequiza Federal #001 Release	5/9/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02881	DESCRIPTION	View southeast. Excavation activities.	6
	SITE NAME	Tequiza Federal #001 Release	5/11/2023



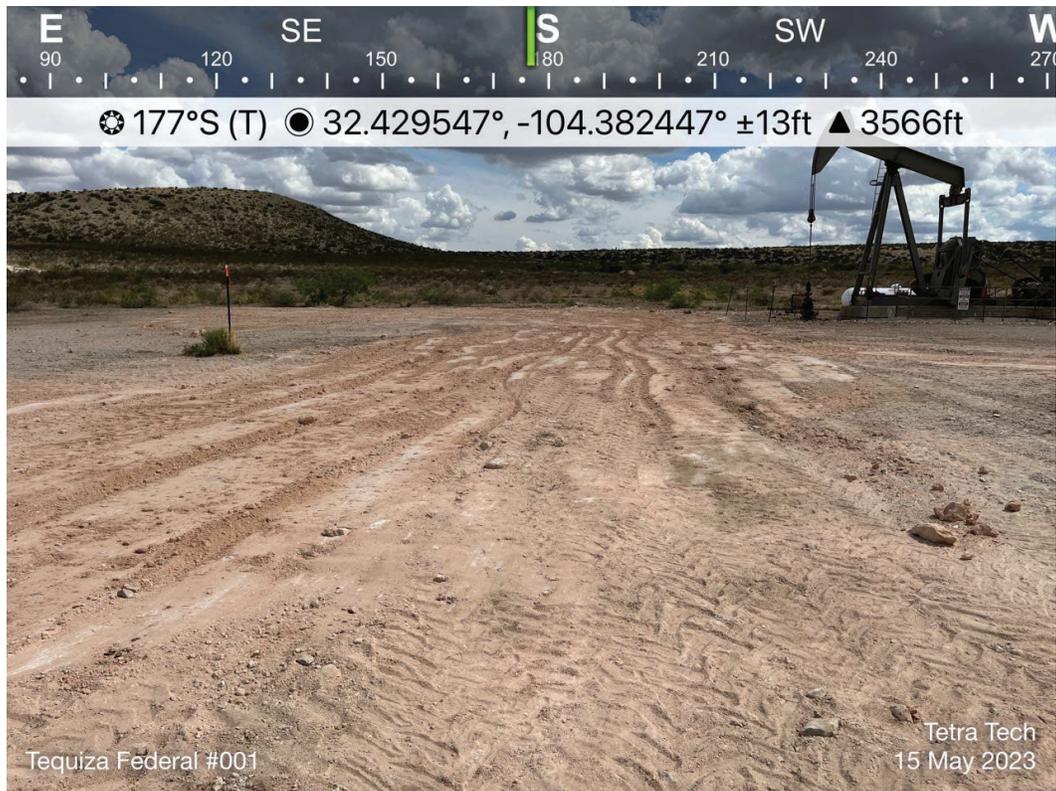
TETRA TECH, INC. PROJECT NO. 212C-MD-02881	DESCRIPTION	View north. Excavation activities.	7
	SITE NAME	Tequiza Federal #001 Release	5/11/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02881	DESCRIPTION	View north. Backfill activities following excavation.	8
	SITE NAME	Tequiza Federal #001 Release	5/15/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02881	DESCRIPTION	View east. Backfill activities following excavation.	9
	SITE NAME	Tequiza Federal #001 Release	5/15/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02881	DESCRIPTION	View south. Backfill activities following excavation.	10
	SITE NAME	Tequiza Federal #001 Release	5/15/2023

**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 224711

**CONDITIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 224711
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
bhall	Closure approved. Site will need to meet all the requirements of 19.15.29.13 NMAC at time of plugging and abandonment.	6/8/2023