



June 24, 2024

Shelly Wells  
Projects Environmental Specialist  
New Mexico Energy, Minerals, and Natural Resources Department  
1220 South St. Francis Drive  
Santa Fe, NM 87505

**Re: Remediation and Reclamation Closure Request  
Cuatro Hijos/Airstrip Fee Com #001H PW Flowline Release  
ConocoPhillips (Heritage COG Operating LLC)  
Lea County, New Mexico  
DOR: 4/20/2023  
Incident ID NAPP2311541081  
Approximate Release Point 32.661348° -103.488105°**

Ms. Wells:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (ConocoPhillips) to assess a release that occurred from a flowline associated with Cuatro Hijos-Airstrip Fee Com #001H. The release footprint is located on private land in Public Land Survey System (PLSS) Unit Letter E, Section 17, Township 19 South, Range 35 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.661348°, -103.488105°, as shown on Figures 1 and 2.

## BACKGROUND

According to the State of New Mexico C-141 Initial Report, the release occurred as the result of flowline corrosion and was discovered on April 20, 2023. The release consisted of approximately 52.4 barrels of produced water, and no volume was recovered. According to the C-141 and associated spill calculator, the release affected approximately 5,880 square feet of lease road, as indicated on Figure 3. The New Mexico Oil Conservation Division (NMOCD) received the C-141 report form for the release on April 25, 2023, and subsequently assigned the release Incident ID nAPP2311541081. The C-141 is included as Appendix A.

## LAND OWNERSHIP

According to the NMOCD Oil and Gas Map, the site is located on Private land. Prior to remedial activities, the appropriate parties were contacted and informed of the work and the work was coordinated with the landowner.

## SITE CHARACTERIZATION

A site characterization was performed and no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, 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 low karst potential.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are two (2) water wells within ½ mile (800 meters) of the Site. The minimum depth to groundwater based on the data from these wells is 80 feet below ground surface (bgs).

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As the available water level information is from data more than 25 years old, and depth to groundwater had not been adequately determined, ConocoPhillips elected to investigate the area for water wells. On October 25, 2023, ConocoPhillips personnel conducted a field inspection in the release vicinity to attempt to locate water wells within 0.5 miles of the release.

A presumed exempt stock water well was discovered 486 meters (approximately 1/3 mile) south of the release site. The well is located in undeveloped pastureland, along a two-track road leading to a stock tank. The well was gauged using a graduated steel cable and the depth to water measured was 74.03 feet below top of casing. Thus, depth to water in the area was determined to be deeper than 51 feet bgs. This depth to water measurement coincides with historical measurements from the area and surrounding wells. The stock water well coordinates are 32.656980°, -103.488630°, and the well location is indicated on Figure 5. The site characterization data is included in Appendix B.

## REGULATORY FRAMEWORK

Based upon the release footprint and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine 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 site characterization and in accordance with Table I of 19.15.29.12 NMAC, the proposed RRALs for the Site are as follows:

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

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

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg

## 2023 SITE ASSESSMENT

On May 11, 2023, Tetra Tech personnel were onsite to assess the release area. A total of eleven (11) soil borings (AH-1 through AH-11) were installed using a backhoe and/or a hand auger within and around the release area to evaluate the vertical and horizontal extent of the release. Boring locations AH-1 through AH-5 were installed within the release extent to assess the vertical extent of impact. The remainder of the borings were installed around the perimeter of the release footprint to delineate the horizontal extent of impacted soil. Hand auger refusal (dense subsurface lithology) was encountered at an approximate depth of 3-4 feet bgs at boring locations AH-2 through AH-5.

Tetra Tech personnel returned to the Site on June 5, 2023, to advance five (5) additional borings using an air rotary drill rig within the release footprint in order to complete vertical delineation of the release area. Boring BH-1 was advanced at the previously installed AH-1 boring location to a total depth of 25 feet bgs. Boring BH-2 was installed to a total depth of 10 feet bgs at a location between the previously installed AH-1 and AH-2 locations. Borings BH-3 and BH-4 were advanced at the previously installed AH-3 and AH-4 locations, respectively, to total depths of 8 feet bgs each. Boring BH-5 was installed approximately 10 feet

north of the BH-1 location to a total depth of 5 feet bgs. Photographic documentation of the release assessment activities is presented in Appendix C. Boring locations are presented in Figure 4.

A total of thirty-six (36) samples were collected from the sample locations and transferred under chain of custody and analyzed within appropriate holding times by Cardinal Laboratories in Hobbs, New Mexico (Cardinal). The soil samples were analyzed for TPH via Method 8015 Modified, chloride via Method SM4500Cl-B, and BTEX via Method 8021B.

## SITE ASSESSMENT RESULTS

Results from the May and June 2023 soil sampling events are summarized in Table 1. Analytical results associated with boring locations AH-1, AH-3, and AH-4/BH-4 exceeded the chloride reclamation limit of 600 mg/kg in surface soils to depths ranging from 3 to 4 feet below surrounding grade. Additionally, results associated with the 8–9-foot bgs interval at AH-1 exceeded the chloride RRAL of 10,000 mg/kg. All other analytical results from the May and June 2023 sampling events were below Site RRALs and reclamation requirements. The release is fully delineated as a result of the soil assessment activities.

The assessment and delineation activities conducted revealed a complex subsurface lithology in the release footprint. There are significant changes in the subsurface conditions in the vicinity of the release. Based on a review of boring logs and collected analytical results associated with the Site release characterization, a few patterns emerged:

1. The area of AH-1 is underlain by loose silty material, which allowed for deeper migration of released fluids in the area. However, the area of AH-2, AH-3, AH-4, and AH-5 is underlain by shallow, lithified caprock. Even with a backhoe, refusal was encountered at shallow depth at AH-2, AH-3, AH-4 and AH-5. However, during trenching at AH-1, the backhoe was able to advance to roughly 12-13 feet bgs.
2. As mentioned earlier in this report, a drilling rig was mobilized to the site to drill several locations based on either refusal or a need for additional vertical delineation. Boring location BH-5 was drilled a mere 10 feet north of the previous AH-1 trench location and encountered hard, dense material at approximately 3 feet bgs. Thus, the remedial action was designed to incorporate these subsurface lithological differences, and the deeper excavation is confined to only the area of AH-1.

## NOVEMBER 2023 WORK PLAN

A Release Characterization and Remediation Work Plan (Work Plan) describing the assessment activities and results was prepared by Tetra Tech on behalf of ConocoPhillips and submitted to the NMOCD via the online fee portal on July 13, 2023.

The Work Plan was rejected by Nelson Velez of the NMOCD via email on October 6, 2023, with the following comments:

- *“The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater. Remediation Due date to submit its revised workplan or final closure report is January 4, 2024.”*

A stock water well was identified and gauged following the NMOCD rejection of the November 2023 Work Plan, as detailed in the previous site characterization section.

## REMEDATION WORK PLAN APPROVAL

A Revised Release Characterization and Remediation Work Plan (Revised Work Plan) dated November 29, 2024, was prepared to incorporate the updated depth to groundwater determination and submitted to

the NMOCD fee portal. The Revised Work Plan was approved by NMOCD on February 27, 2024, with the following comments:

- *“Remediation plan approved.*
- *The alternative confirmation sampling plan taking confirmation samples no more than 400 square feet is approved.*
- *Submit closure report to OCD by 6/25/2024.”*

A copy of the NMOCD approval is include in Appendix D.

## REMEDATION ACTIVITIES AND CONFIRMATION SAMPLING

From May 20 to 31, 2024, Tetra Tech personnel were onsite to remediate the release as proposed in the approved Revised Work Plan, including excavation, disposal, and backfill. The extent of impacted soils was confirmed with field soil screening data and excavated to 4 feet bgs throughout the majority of the release extent and to a maximum of 9 feet bgs near the approximate release point. Based on OSHA regulations, benching protection systems were utilized near the release point as it was greater than 5 feet in depth. The sides of the excavation were benched to form a series of horizontal levels, with near-vertical surfaces between levels. The release area footprint around BH-1 was remediated via a benched excavation to a total depth of 9 feet bgs. To verify the removal of impacts, a floor confirmation sample (FS-1) was collected from the base of the excavation in this area.

During remedial activities, a 12” lay flat and surface poly line were both located in or adjacent to the release footprint and close to the release point. As heavy equipment could not operate in close proximity to pressurized lines due to safety concerns, an exclusion zone was established for this work area. To demonstrate the release did not impact soils underneath the lay flay near the release point, a buffer zone confirmation sample (BZ-1) was collected from this location. Photographs from the excavated areas prior to backfill are provided in Appendix C.

In accordance with Subsection D of 19.15.29.12 NMAC, the NMOCD was notified prior to confirmation sampling. However, on May 17, 2024, the OCD permitting website was not available to the public. Nicholas Poole of Tetra Tech submitted a sampling notice via email indicating confirmation samples would be collected at the Site on May 22 through May 30, 2024. This notification was approved by Shelly Wells via email on May 17, 2024. Per NMOCD instructions, once the portal was functioning confirmation sampling notice was submitted via the OCD portal on May 20, 2024. Documentation of associated regulatory correspondence is included in Appendix D.

Confirmation floor and sidewall samples were collected for laboratory analysis to verify that the impacted materials were properly removed. Each confirmation sample laboratory analytical result was directly compared to the proposed RRALs and/or reclamation requirements to demonstrate compliance. All of the excavated material was transported offsite for proper disposal. Approximately four hundred and eighty (480) cubic yards of material were transported to the R360 Halfway Facility in Hobbs, New Mexico. Copies of the waste manifests are included in Appendix E.

Per the conditions of the approved Revised Work Plan, confirmation samples were collected such that each discrete sample (sidewall and floor) were representative of no more than 400 square feet of excavated area. Due to the exclusion zone in the release area an interior buffer zone confirmation sample was collected. A total of seven (7) floor sample locations, six (6) sidewall sample locations, and one (1) buffer zone sample location were used during the remedial activities. Confirmation sidewall sample locations were labeled with “SW”-#, confirmation floor sample locations were labeled with “FS”-#, and confirmation interior sample locations were labeled “BZ-#”. All final confirmation samples (floor, sidewall, and buffer zone) results were below the respective RRALs for chloride, BTEX, and TPH. The results of the May 2024 confirmation sampling events are summarized in Table 2. Laboratory analytical data is included in Appendix F. Excavated areas, depths, and confirmation sample locations are shown in Figure 6.

**SITE RECLAMATION AND MONITORING PLAN**

In accordance with 19.15.29.13 NMAC, all areas disturbed by the remediation have been reclaimed. Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B.

In accordance with 19.15.29.12 NMAC, the reclaimed area contains non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by SM4500Cl-B in the upper 4 feet. Two (2) representative 5-point composite samples were collected from each source used for backfill material for the reclamation of the excavation. Soil backfill composite sampling results are summarized in Table 3. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F.

Once acceptable confirmation sample results were received, the excavation was backfilled with clean material to pre-release grade. The backfilled areas in the pasture were seeded to aid in revegetation. Based on the soils of the site (predominantly KU - Kimbrough-Lea complex), the NMSLO Loamy Sites Seed Mixture was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) per acre. The seed mixture was spread by hand-held broadcaster and raked.

Site inspections will be performed periodically to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the NMOCD will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. The NMSLO seed mixture details in corresponding pounds per live seed per acre are included in Appendix G.

**CONCLUSION**

Based on the results of the remedial activities and confirmation sampling, ConocoPhillips respectfully requests closure of the incident. The release footprint is fully remediated. Analytical results associated with the sampling events were below applicable Site RRALs following all remedial response actions; therefore, remediation of the release footprint is complete. The impacted surface area was remediated to meet the standards of Table I of 19.15.29.12 NMAC.

This final closure report details the release characterization, remediation activities and the results of the confirmation sampling. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the soil assessment activities for the Site, please call me at (512) 596-8201.

Sincerely,  
**Tetra Tech, Inc.**



Lisbeth Chavira  
Project Manager



Samantha K. Abbott, P.G.  
Senior Project Manager

cc:  
Mr. Jacob Laird, GPBU – ConocoPhillips  
Mr. Ike Tavarez, RMR – ConocoPhillips

## LIST OF ATTACHMENTS

### Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release Extent
- Figure 4 – Site Assessment Map
- Figure 5 – Depth to Water Determination (Livestock Water Well)
- Figure 6 – Remediation Extent and Confirmation Sampling Locations

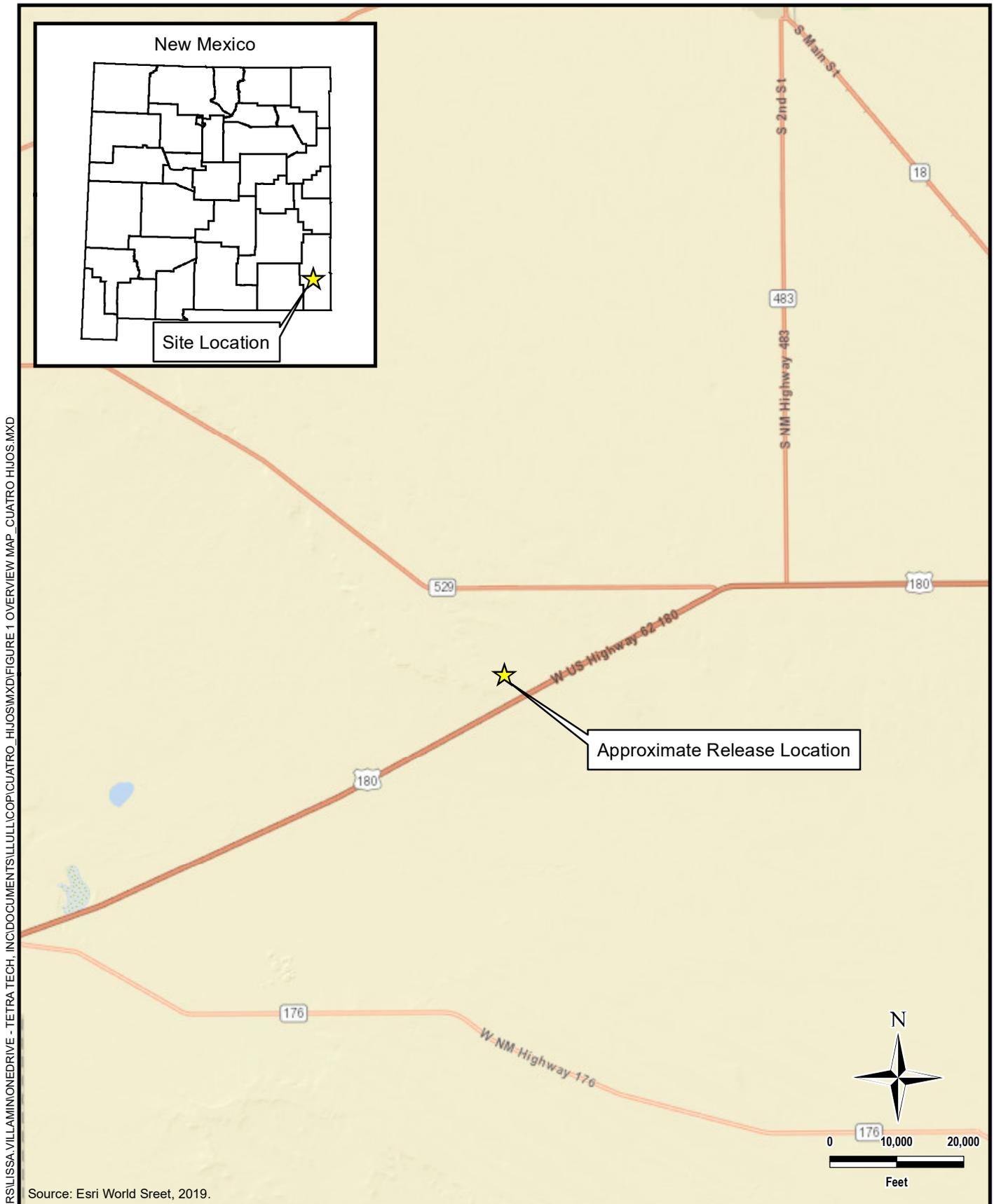
### Tables:

- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 - Summary of Analytical Results – Soil Remediation
- Table 3 - Summary of Analytical Results – Backfill Composite Sample

### Appendices:

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

# **FIGURES**



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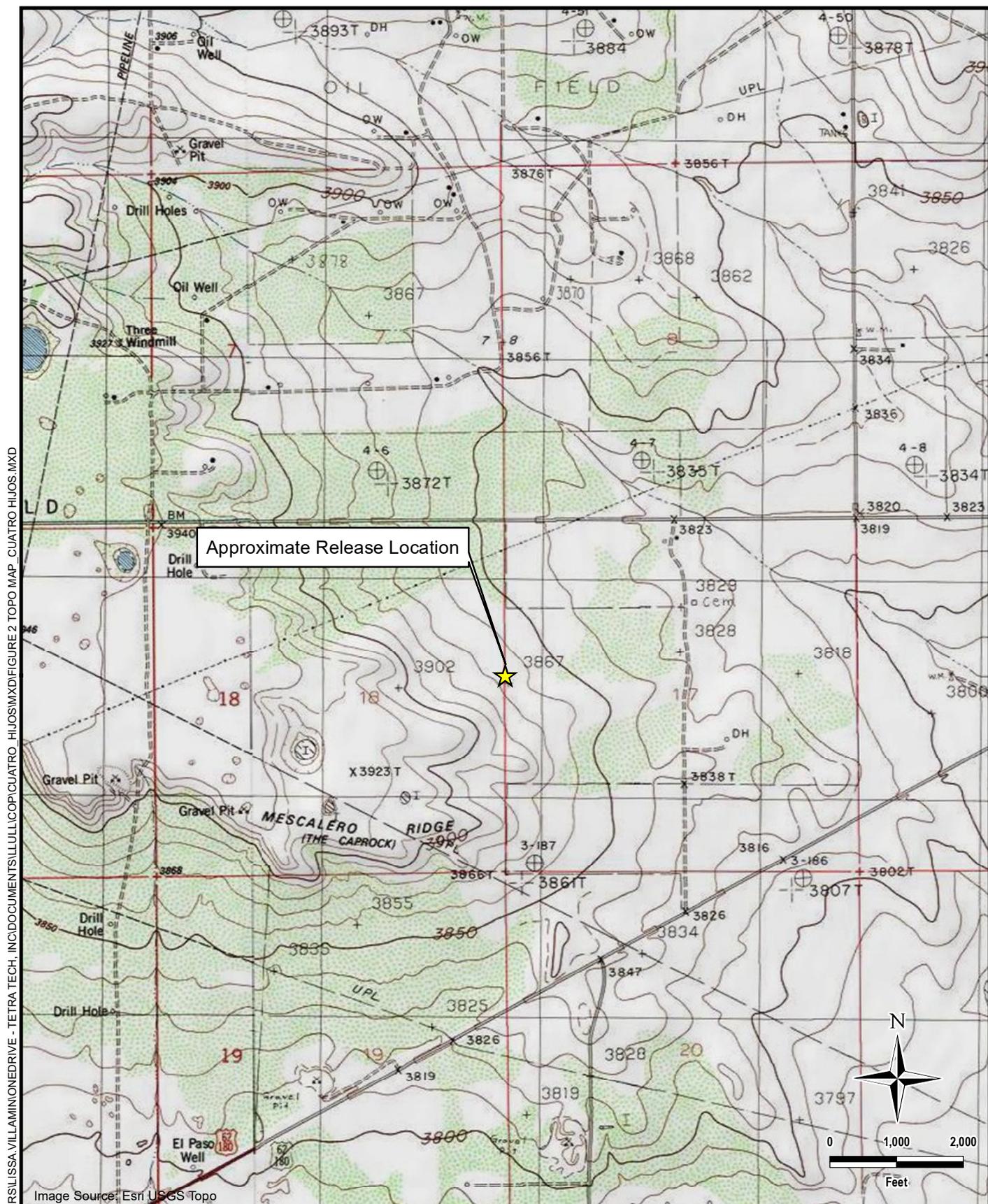
Source: Esri World Street, 2019.

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**CONOCOPHILLIPS**  
 NAPP2311541081  
 LEA COUNTY, NEW MEXICO  
 (32.661348° -103.488105°)  
 DOR: 4/20/2023

**CUATRO HIJOS/AIRSTRIIP FEE COM 1H PW FLOWLINE RELEASE OVERVIEW MAP**

PROJECT NO.:	212C-MD-03105
DATE:	MAY 16, 2023
DESIGNED BY:	LMV
Figure No.	<b>1</b>



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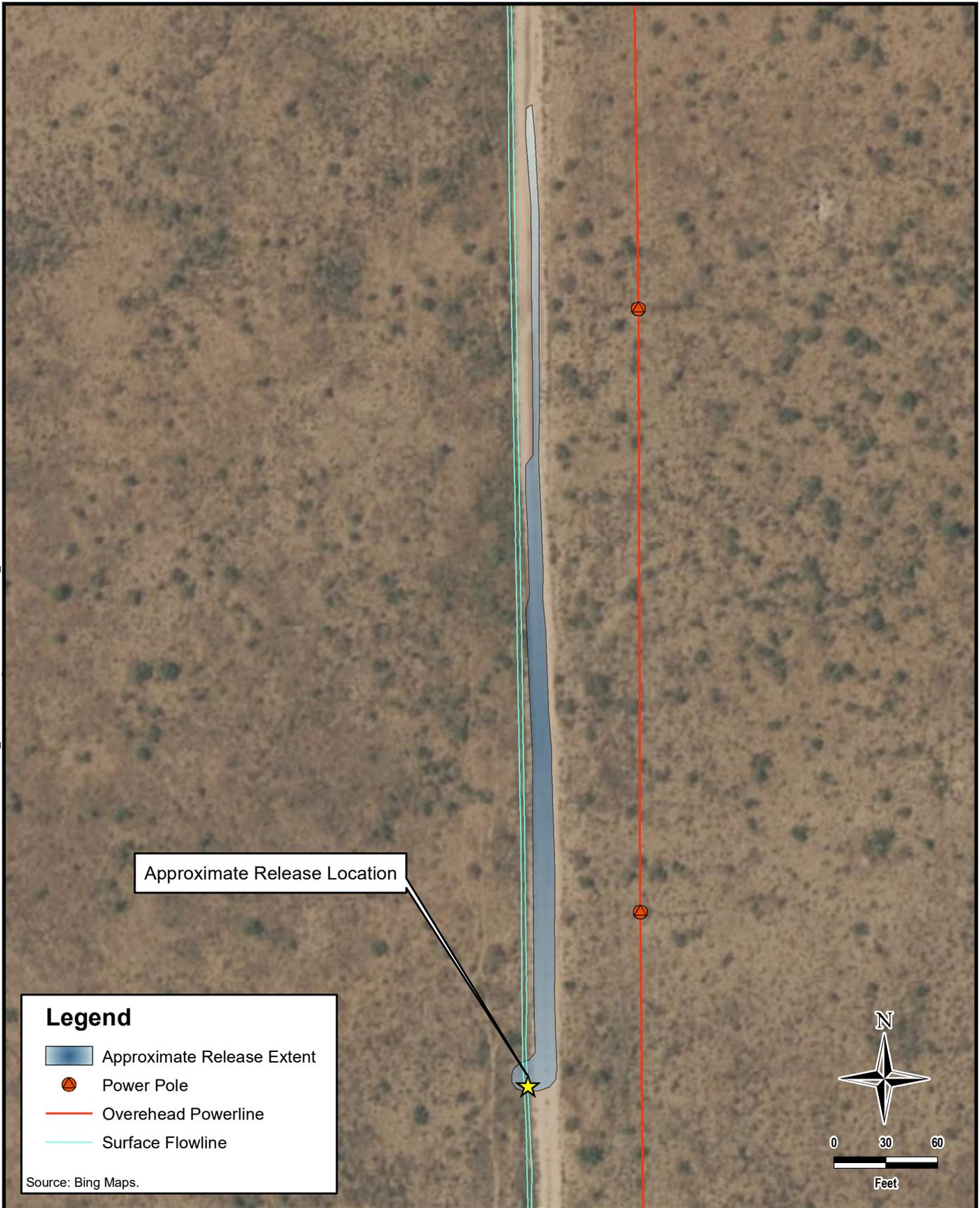
**CONOCOPHILLIPS**  
 NAPP2311541081  
 LEA COUNTY, NEW MEXICO  
 (32.661348° -103.488105°)  
 DOR: 4/20/2023

**CUATRO HIJOS/AIRSTRIIP FEE COM 1H PW FLOWLINE RELEASE  
 TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-03105  
 DATE: MAY 16, 2023  
 DESIGNED BY: LMV

Figure No.  
**2**

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Approximate Release Location

**Legend**

- Approximate Release Extent
- Power Pole
- Overhead Powerline
- Surface Flowline

Source: Bing Maps.

N

0      30      60

Feet

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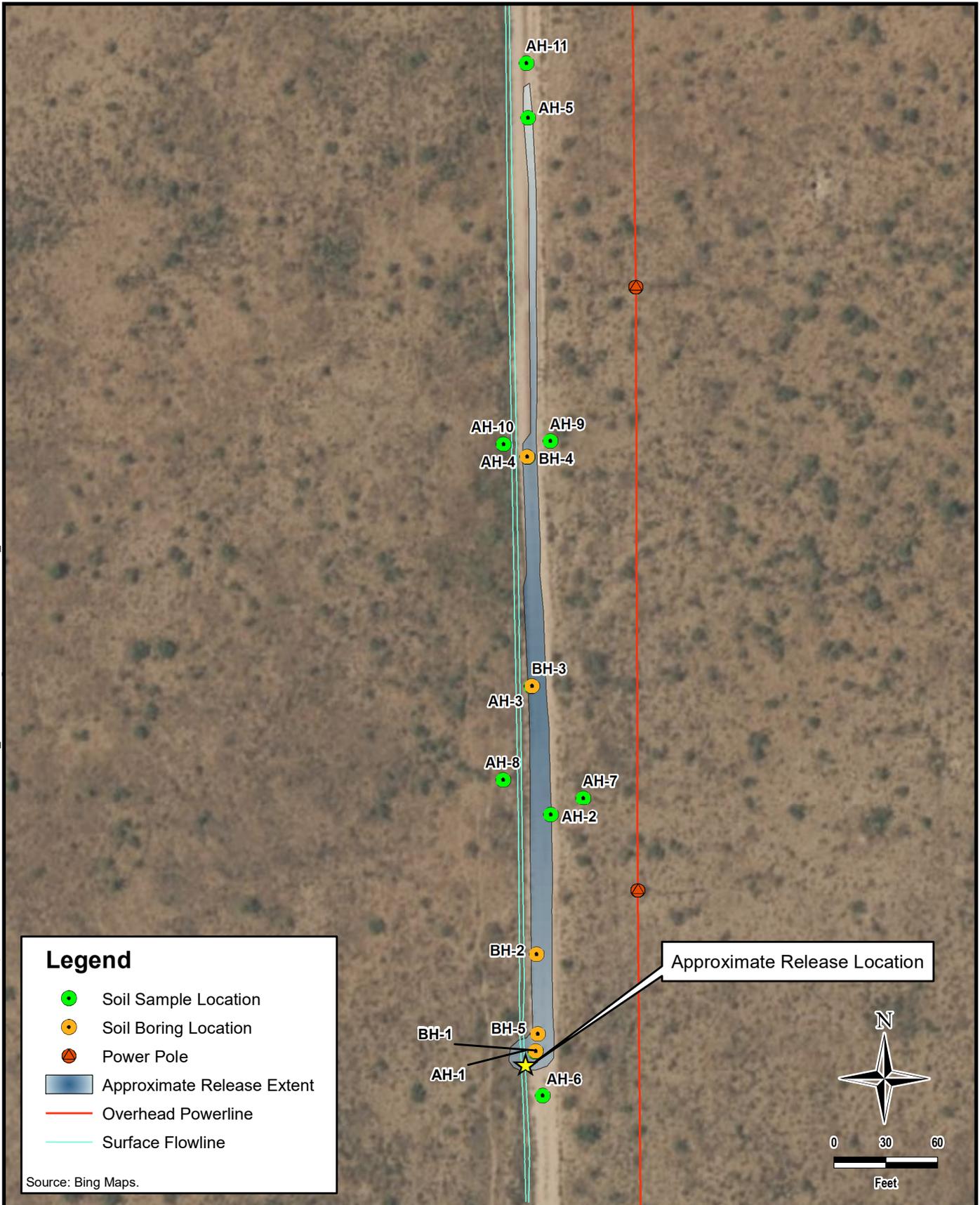
**CONOCOPHILLIPS**

NAPP2311541081  
LEA COUNTY, NEW MEXICO  
(32.661348° -103.488105°)  
DOR: 4/20/2023

**CUATRO HIJOS/AIRSTRIIP FEE COM 1H PW FLOWLINE RELEASE  
APPROXIMATE RELEASE EXTENT**

PROJECT NO.:	212C-MD-03105
DATE:	JULY 12, 2023
DESIGNED BY:	LMV
Figure No.	<b>3</b>

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LEA COUNTY, NEW MEXICO  
(32.661348° -103.488105°)  
DOR: 4/20/2023

**CUATRO HIJOS/AIRSTRIIP FEE COM 1H PW FLOWLINE RELEASE  
SITE ASSESSMENT MAP**

PROJECT NO.: 212C-MD-03105

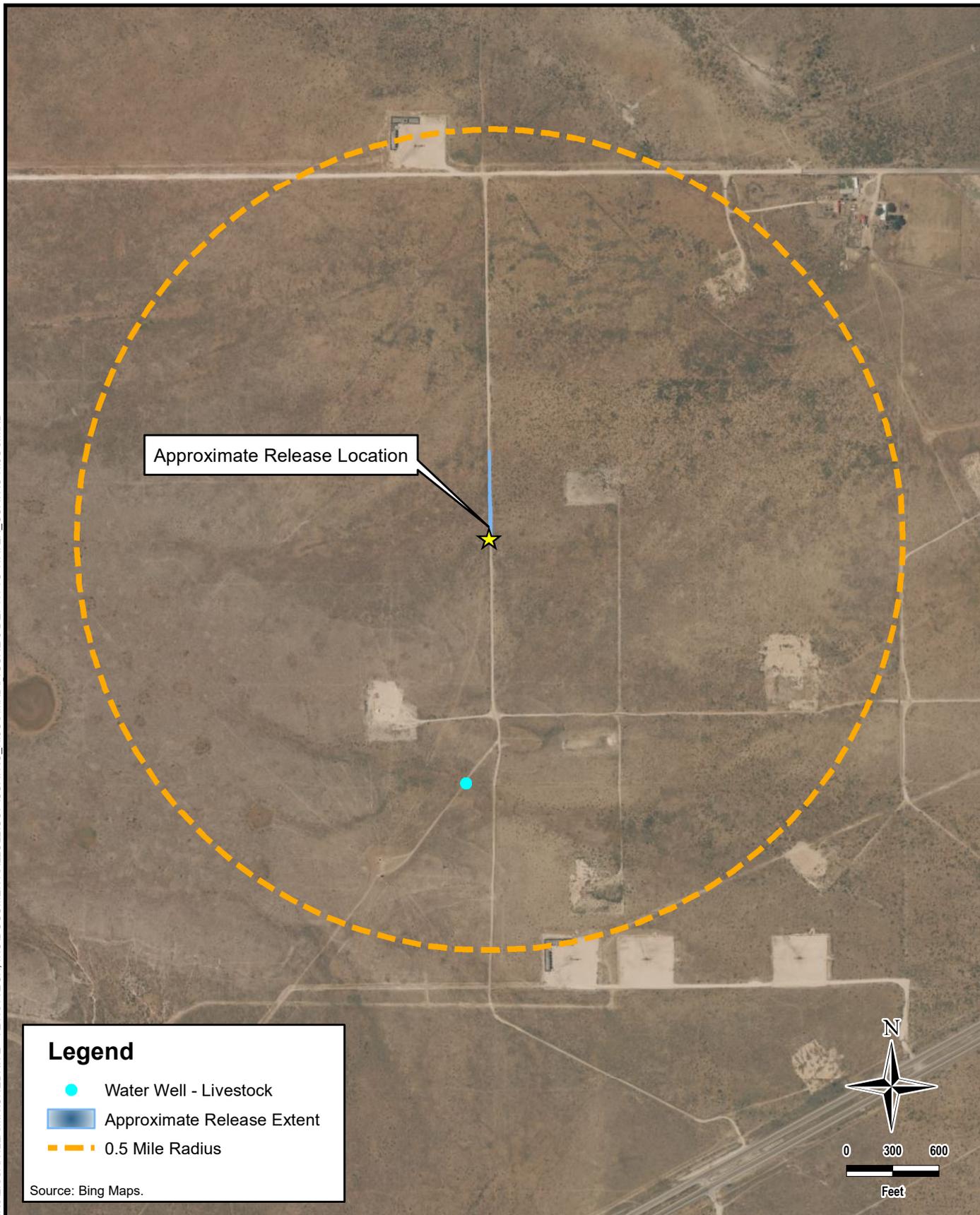
DATE: JULY 12, 2023

DESIGNED BY: LMV

Figure No.

**4**

DOCUMENT PATH: C:\USERS\LISSA.VILLAMINONEDRIVE - TETRA TECH\INCIDENTS\ILLULLI\COPI\CUATRO\_HIJOS\MXD\FIGURE 5 DEPTH TO WATER\_CUATRO HIJOS.MXD



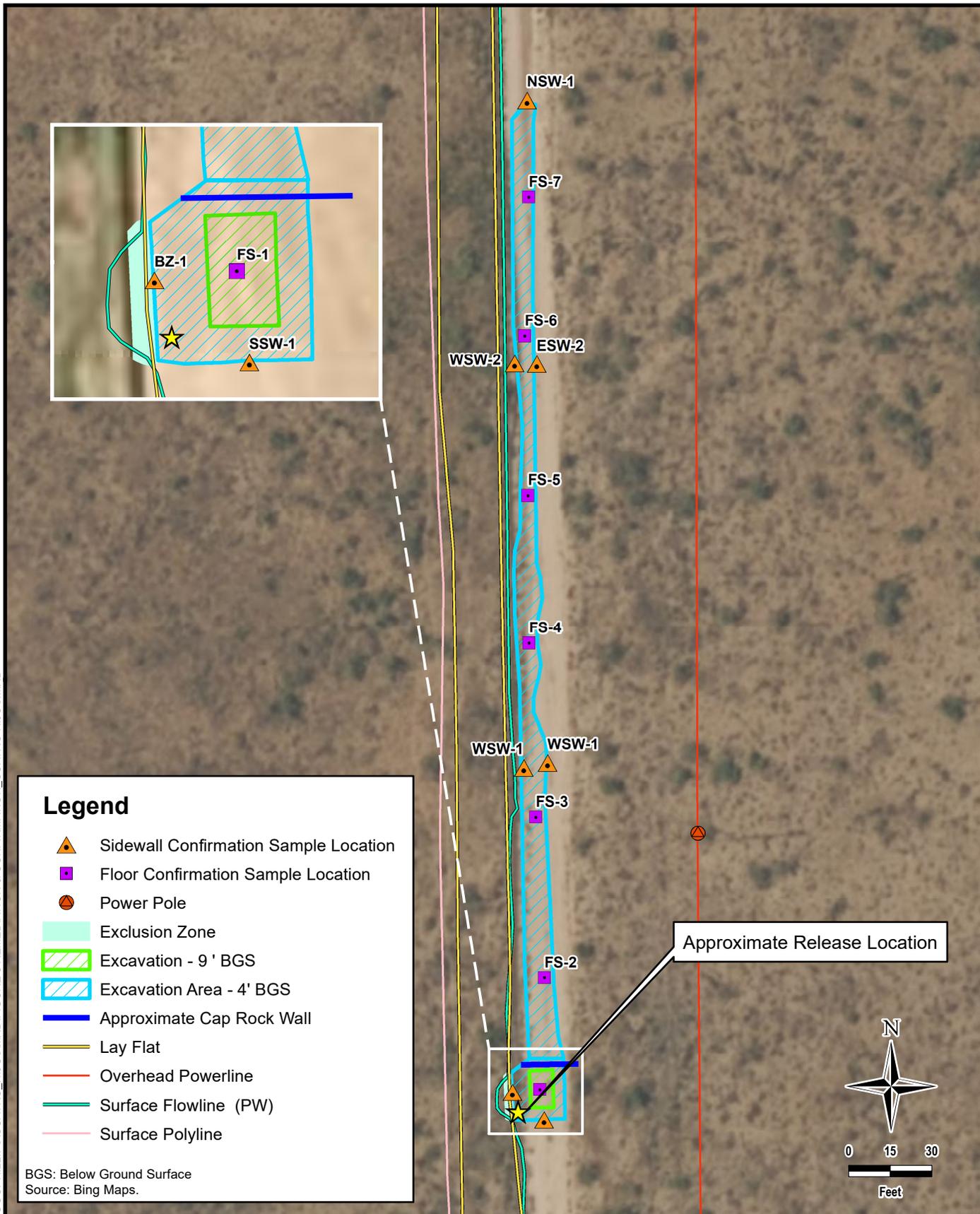
**Legend**

- Water Well - Livestock
- Approximate Release Extent
- 0.5 Mile Radius

Source: Bing Maps.

A north arrow pointing upwards and a scale bar showing 0, 300, and 600 feet.

<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>NAPP2311541081 LEA COUNTY, NEW MEXICO (32.661348° -103.488105°) DOR: 4/20/2023</p>	<p>PROJECT NO.: 212C-MD-03105</p> <p>DATE: NOVEMBER 28, 2023</p> <p>DESIGNED BY: LMV</p>
	<p><b>CUATRO HIJOS/AIRSTRIIP FEE COM 1H PW FLOWLINE RELEASE DEPTH TO WATER DETERMINATION LIVESTOCK WATER WELL</b></p>	



DOCUMENT PATH: Y:\CONOCOPHILLIPS\CUATRO\_HIJOS\MXD\FIGURE 5 REMEDIATION & CONFIRMATION\_CUATRO\_HIJOS.MXD

**Legend**

- Sidewall Confirmation Sample Location
- Floor Confirmation Sample Location
- Power Pole
- Exclusion Zone
- Excavation - 9' BGS
- Excavation Area - 4' BGS
- Approximate Cap Rock Wall
- Lay Flat
- Overhead Powerline
- Surface Flowline (PW)
- Surface Polyline

BGS: Below Ground Surface  
Source: Bing Maps.



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LEA COUNTY, NEW MEXICO  
(32.661348° -103.488105°)  
DOR: 4/20/2023

**CUATRO HIJOS/AIRSTRIIP FEE COM 1H PW FLOWLINE RELEASE  
REMEDATION EXTENT AND CONFIRMATION SAMPLING LOCATIONS**

PROJECT NO.: 212C-MD-03105A

DATE: JUNE 06, 2024

DESIGNED BY: LMV

Figure No.

**6**

# **TABLES**

TABLE 1  
SUMMARY OF ANALYTICAL RESULTS  
SOIL ASSESSMENT- NAPP2311541081  
CONOCOPHILLIPS  
CUATRO HIJOS-AIRSTRIIP FEE COM 1H FLOWLINE RELEASE  
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride <sup>1</sup>		BTEX <sup>2</sup>								TPH <sup>3</sup>								
			Chloride	PID			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH
			ppm		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
AH-1/BH-1	5/11/2023	3-4	>99,999	-	<b>28,000</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		8-9	62,000	-	<b>24,000</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		10-11	48,000	-	4,480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		12-13	42,000	-	2,280		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
	6/5/2023	14-15	247	-	144		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		19-20	368	-	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		24-25	219	-	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-2	5/11/2023	0-1	170	-	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	220	-	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		3-4	207	-	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
BH-2	6/5/2023	3-4	216	-	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		4-5	-	-	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		6-7	-	-	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		8-9	-	-	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		9-10	185	-	128		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-3/BH-3	5/11/2023	0-1	17,000	-	<b>2,280</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	16,000	-	<b>1,120</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
	6/5/2023	3-4	-	-	192		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		4-5	-	-	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		6-7	-	-	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		7-8	254	-	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-4/BH-4	5/11/2023	0-1	10,500	-	<b>528</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	615	-	<b>752</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
	6/5/2023	3-4	-	-	<b>896</b>		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		4-5	-	-	416		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		6-7	-	-	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		7-8	241	-	240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
BH-5	6/5/2023	4-5	371	-	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-5	5/11/2023	0-1	400	-	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	610	-	480		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-6	5/11/2023	0-1	150	-	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-7	5/11/2023	0-1	76	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-8	5/11/2023	0-1	135	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-9	5/11/2023	0-1	70	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-10	5/11/2023	0-1	81	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-11	5/11/2023	0-1	135	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<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 SM4500Cl-B
- 2 Method 8021B
- 3 Method 8015M

**Bold and italicized values indicate exceedance of proposed Remediation RRALs and/or Reclamation Requirements.**

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:

TABLE 2  
 SUMMARY OF ANALYTICAL RESULTS  
 SOIL REMEDIATION - NAPP2311541081  
 CONOCOPHILLIPS  
 CUATRO HIJOS / AIRSTRIP FEE COM 1H PW FLOWLINE RELEASE  
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>						
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
FS-1	5/23/2024	9	576		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-2	5/23/2024	4	2,440		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-3	5/23/2024	4	3,360		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-4	5/23/2024	4	2,680		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-5	5/23/2024	4	272		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-6	5/28/2024	4	368		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-7	5/23/2024	4	384		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
NSW-1	5/23/2024	-	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SSW-1	5/23/2024	-	304		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
ESW-1	5/23/2024	-	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
ESW-2	5/23/2024	-	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW-1	5/23/2024	-	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW-2	5/23/2024	-	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
BZ-1	5/23/2024	-	32		<0.050		<0.050		<0.050		<0.150		<0.300		<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 SM4500Cl-B
  - 2 Method 8021B
  - 3 Method 8015M

TABLE 3  
 SUMMARY OF ANALYTICAL RESULTS  
 SOIL BACKFILL - NAPP2311541081  
 CONOCOPHILLIPS  
 CUATRO HIJOS / AIRSTRIP FEE COM 1H PW FLOWLINE RELEASE  
 LEA COUNTY, NM

Sample ID	Sample Date	Chloride <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>						
				Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)
				mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
BACKFILL - COMPOSITE 1	5/28/2024	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
BACKFILL - COMPOSITE 2	5/28/2024	256		<0.050		<0.050		<0.050		<0.150		<0.300		<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 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 Department  
  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	NAPP2311541081
District RP	
Facility ID	fAPP2203451633
Application ID	

## Release Notification

### Responsible Party

Responsible Party	COG Operating, LLC	OGRID	229137
Contact Name	Jacob Laird	Contact Telephone	(575) 703-5482
Contact email	Jacob.Laird@ConocoPhillips.com	Incident # (assigned by OCD)	NAPP2311541081
Contact mailing address	600 West Illinois Avenue, Midland, Texas 79701		

### Location of Release Source

Latitude 32.6613 Longitude -103.4880  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name	Cuatro Hijos Fee 004H	Site Type	Flowline
Date Release Discovered	April 20, 2023	API# (if applicable)	

Unit Letter	Section	Township	Range	County
E	17	19S	35E	Lea

Surface Owner:  State  Federal  Tribal  Private (Name: Snyder Ranches, LTD.)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) <b>52.4</b>	Volume Recovered (bbls) <b>0</b>
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

#### Cause of Release

The release was caused by a hole in flowline due to corrosion.  
The release was off the pad next to a ranch road.  
Evaluation will be made of the site to determine if we may commence remediation immediately or delineate 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.

State of New Mexico  
Oil Conservation Division

Page 2

Incident ID	NAPP2311541081
District RP	
Facility ID	fAPP2203451633
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? <b>Release was greater than 25 barrels.</b>
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? <b>Immediate Notification was give by Jacob Laird on April 20, 2023 at 4:05 PM to ocd.enviro@state.nm.us.</b>	

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:  
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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: <b>Brittany N. Esparza</b> Title: <b>Environmental Technician</b> Signature:  Date: <b>4/25/2023</b> email: <b>Brittany.Esparza@ConocoPhillips.com</b> Telephone: <b>(432) 221-0398</b>
<b><u>OCD Only</u></b> Received by: <b>Jocelyn Harimon</b> Date: <b>04/25/2023</b>

Conductivity by OCD: 11/29/2023 2:44:05 PM into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%)	Estimated area (bbf.)	NAPP2311541081 Total Estimated Volume of Spill (bbf.)	Total Estimated Contaminated Soil, uncompacted, 25% (yd <sup>3</sup> .)	Page 20 of 102 Trumbo - RWIR Handover Volume, (yd <sup>2</sup> .)	
Rectangle A	60.0	20.0	4.0	Off-Pad ✓	15.02%	71.20	10.69	18.52		
Rectangle B	390.0	12.0	4.0	Off-Pad ✓	15.02%	277.68	41.71	72.22		
Rectangle C				On-Pad ✓	10.50%	0.00	0.00	0.00		
Rectangle D				✓		0.00		0.00		
Rectangle E				✓		0.00		0.00		
Rectangle F				✓		0.00		0.00		
Rectangle G				✓		0.00		0.00		
Rectangle H				✓		0.00		0.00		
Rectangle I				✓		0.00		0.00		
Total Subsurface Volume Released:							52.40	90.74	750	BU

Released to Imaging: 6/27/2024 3:12:03 PM

Incident ID	NAPP2311541081
District RP	
Facility ID	fAPP2203451633
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?	80 _____ (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
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 type="checkbox"/> Yes <input checked="" 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 1/2-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

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Incident ID	NAPP2311541081
District RP	
Facility ID	fAPP2203451633
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: Jacob Laird Title: Environmental Engineer

Signature: *Jacob Laird* Date: 7/13/2023

email: jacob.laird@conocophillips.com Telephone: 575-703-5482

**OCD Only**

Received by: Shelly Wells Date: 7/17/2023

Incident ID	NAPP2311541081
District RP	
Facility ID	fAPP2203451633
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: Jacob Laird Title: Environmental Engineer  
 Signature: *Jacob Laird* Date: 7/13/2023  
 email: jacob.laird@conocophillips.com Telephone: 575-703-5482

**OCD Only**

Received by: Shelly Wells Date: 7/17/2023

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: *Nelson Velez* Date: 10/06/2023

Incident ID	NAPP2311541081
District RP	
Facility ID	fAPP2203451633
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 Tavaréz Title: Program Manager  
 Signature: *Ike Tavaréz* Date: 11.29.2023  
 email: Ike.Tavaréz@ConocoPhillips.com Telephone: 432-685-2573

**OCD Only**

Received by: Shelly Wells Date: 11/29/2023

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

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

Incident ID	NAPP2311541081
District RP	
Facility ID	
Application ID	

## Closure

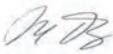
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled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

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

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Ike Tavarez Title: Program Manager

Signature:  Date: 6/24/24

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: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

# **APPENDIX B**

## **Site Characterization Data**

# OCD - Mineral and Surface Ownership



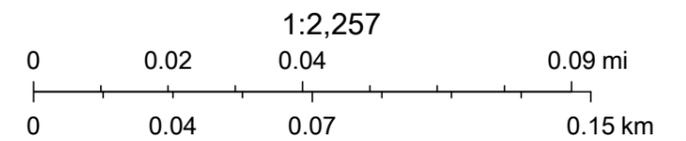
5/8/2023, 3:52:30 PM

Mineral Ownership

N-No minerals are owned by the U.S.

Land Ownership

P



U.S. BLM, Maxar, Microsoft, Esri, HERE, Garmin, iPC

# Cuatro Hijos-Airstrip

KARST POTENTIAL MAP

## Legend

-  Cuatro Hijos-Airstrip
-  High
-  Low
-  Medium

 32.661348° -103.488105

Hobbs Hwy

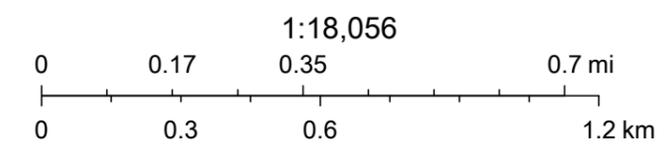


# OCD Water Bodies map



5/22/2023, 2:04:09 PM

-  Site
-  OSE Streams
-  PLSS First Division
-  OSW Water Bodies
-  PLSS Second Division
-  PLSS Townships



Esri, HERE, Garmin, iPC, Maxar, NM OSE, BLM



# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

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

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">L 14208 POD1</a>	L	LE		2	2	2	18	19S	35E	641685	3615464	649	78		
<a href="#">L 08234 S2</a>	L	LE				3	17	19S	35E	642192	3614259*	697	126	80	46
<a href="#">L 08234</a>	L	LE		2	2	3	17	19S	35E	642487	3614566*	752	120	90	30

Average Depth to Water: **85 feet**

Minimum Depth: **80 feet**

Maximum Depth: **90 feet**

**Record Count: 3**

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 641778.97

**Northing (Y):** 3614821.49

**Radius:** 800

\*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.

WGS84  $\pm 15\text{ft}$  32.65698, -103.48863

$\wedge$  ft  $\pm 12\text{ft}$  3894

$\triangle$  °, T  $\pm 12$

NE71



GPS Location  
Remove or modify



25Oct23 12:51 Ad-hoc  
Hobbs NM 88240, United States © 25-Oct-23 12:51:55

# **APPENDIX C**

## **Photographic Documentation**



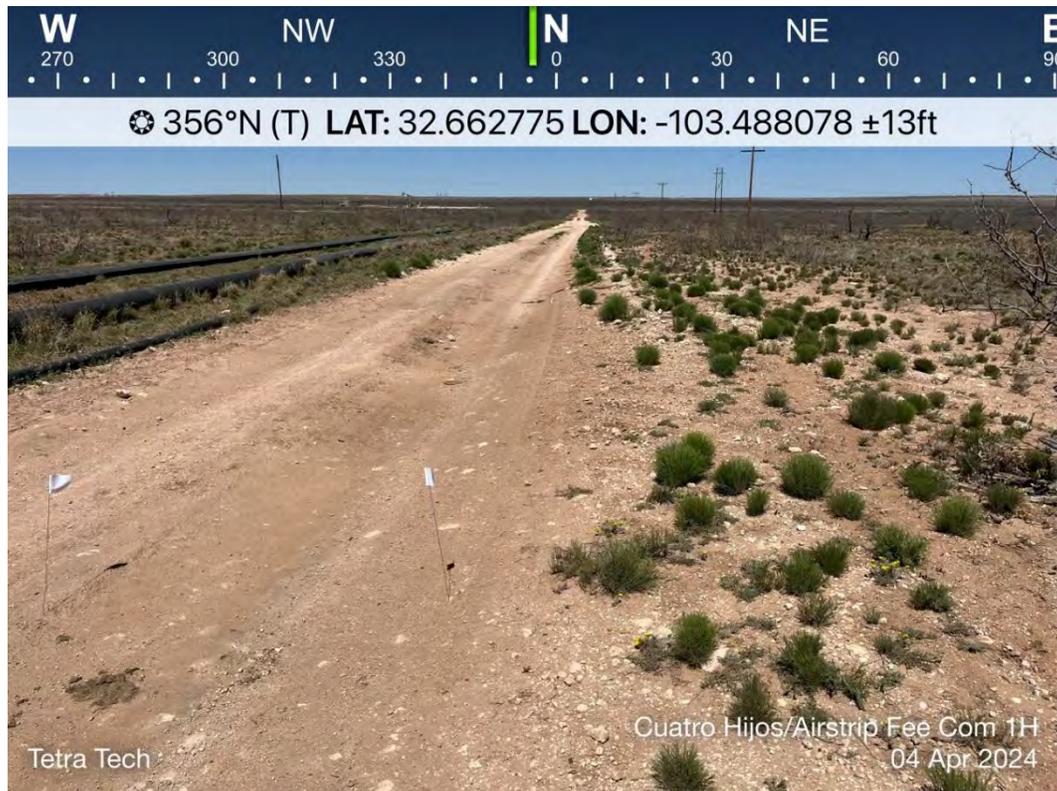
TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View north of approximate release point with flowline repair.	1
	SITE NAME	Cuatro Hijos-Airstrip Flowline Release	4/25/23



TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View north of approximate release extent flow path switching along east side of caliche road.	3
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	4/25/23



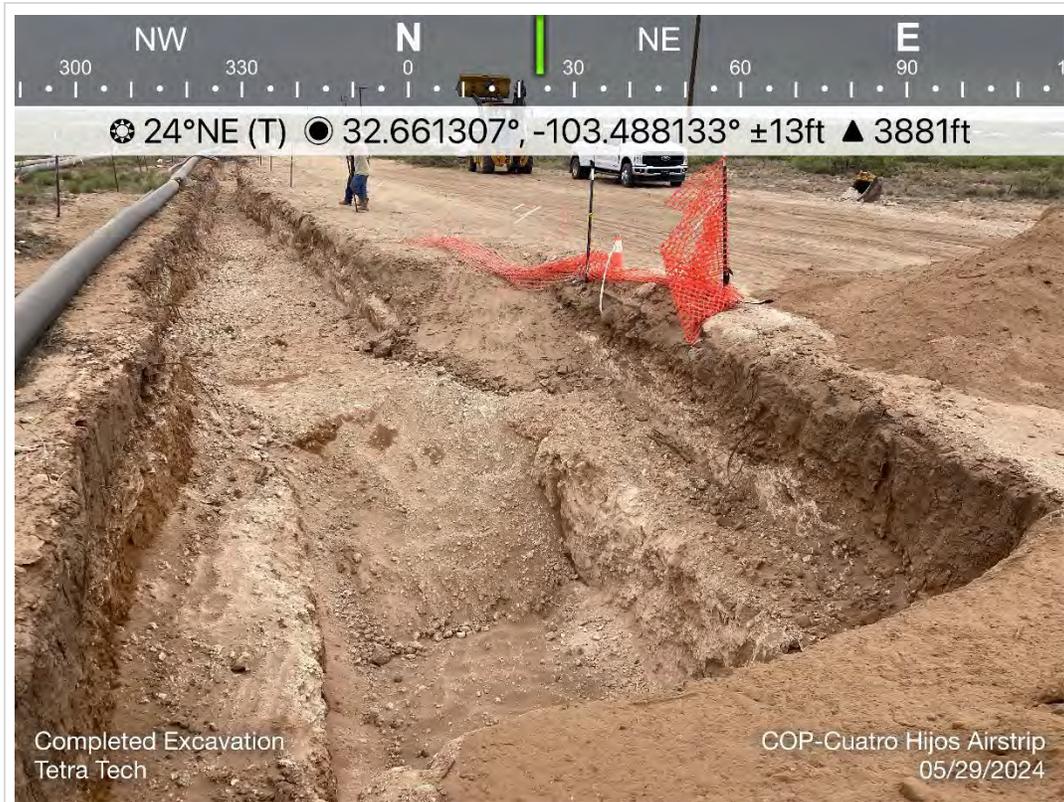
TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View south of approximate release extent. View of lay flat and poly lines along lease road.	3
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	4/4/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View north of approximate release extent. View of lay flat and poly lines along lease road.	4
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	4/4/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View south of approximate release extent. View of lay flat and poly lines along lease road	5
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	4/4/2024



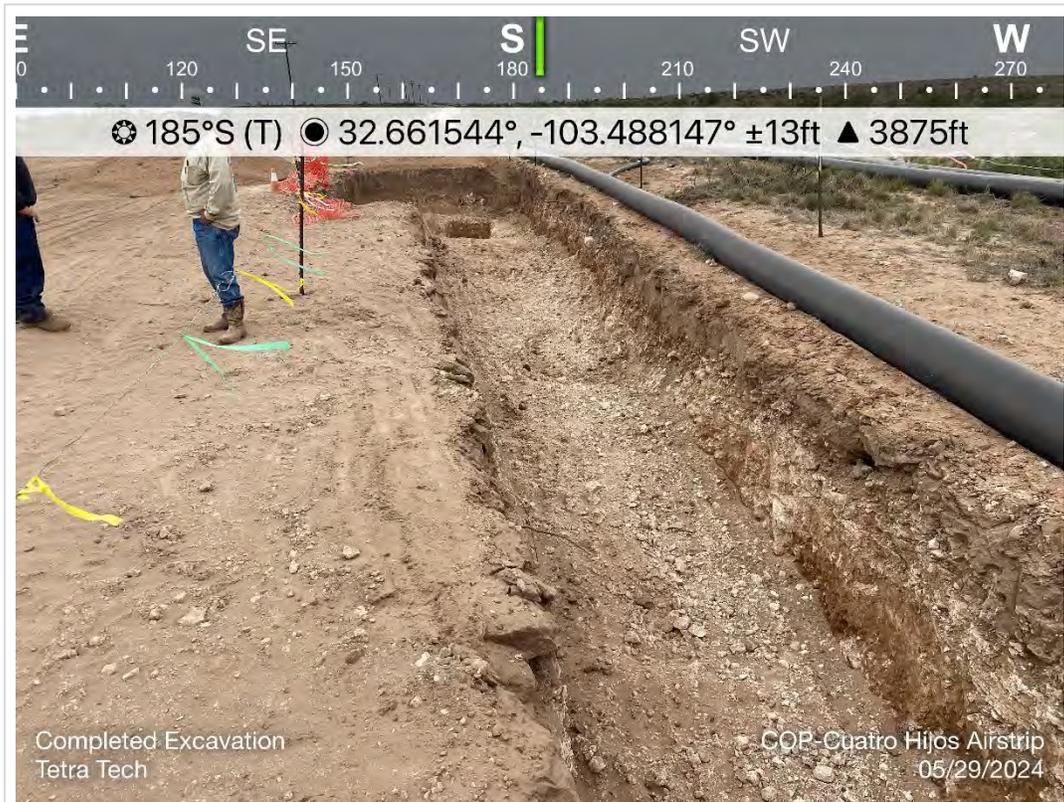
TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View north. View of 9 ft benched excavation.	6
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	5/29/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View south of approximate release extent. View of 9 ft benched excavation.	7
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	5/29/2024



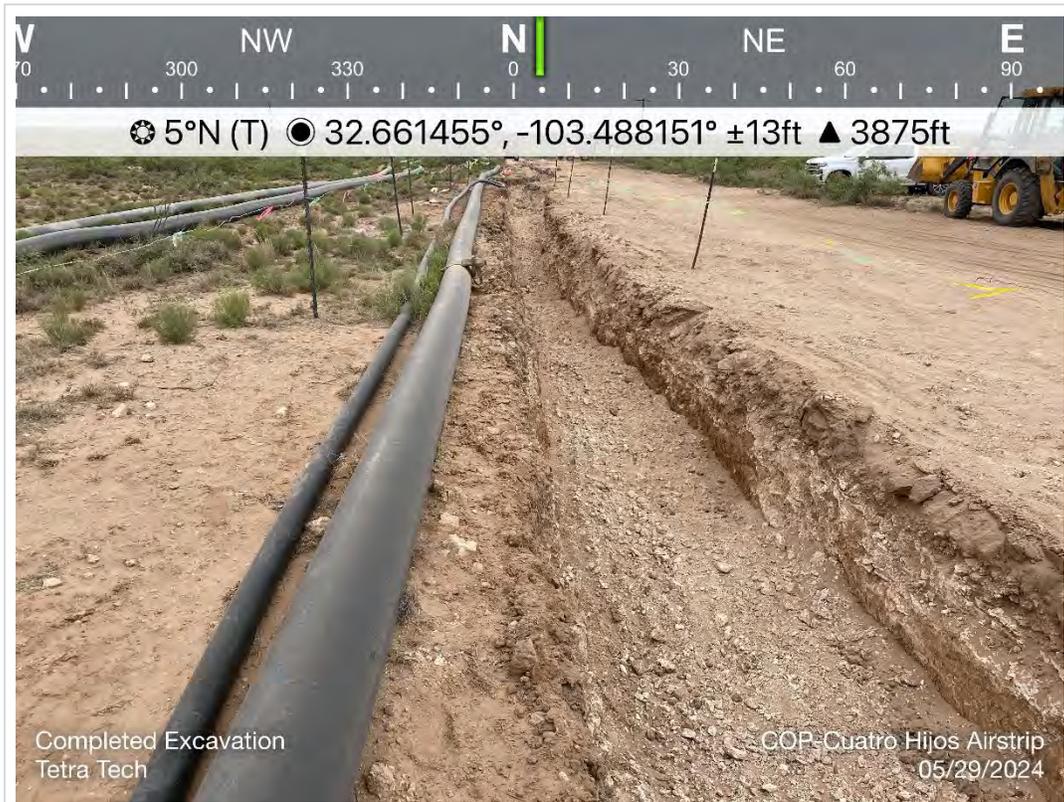
TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View southeast-south of open excavation.	8
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	5/29/2024



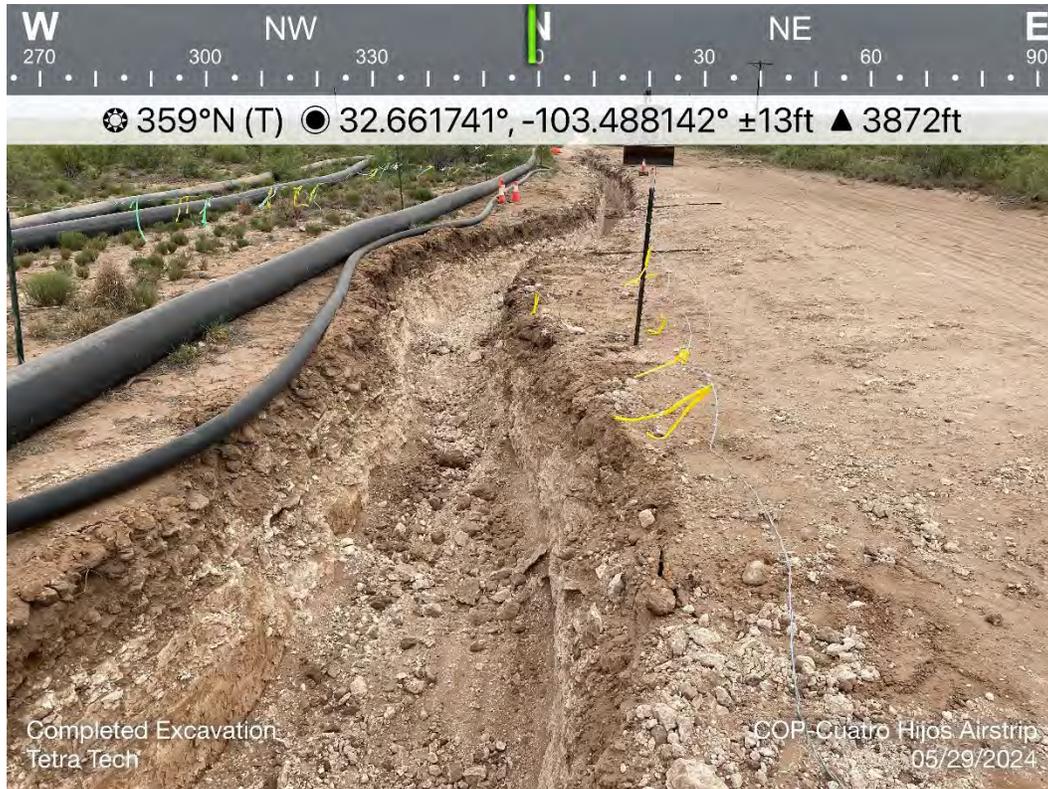
TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View south of open excavation.	9
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	5/29/2024



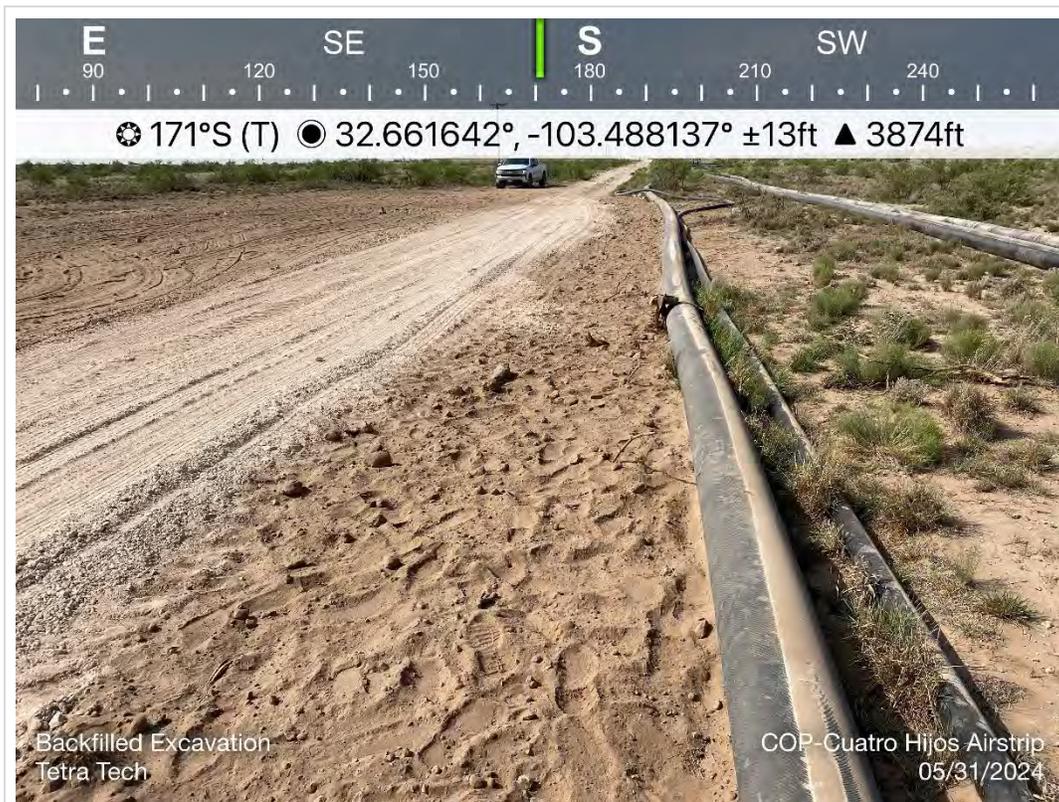
TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View south of open excavation.	10
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	5/29/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View north of open excavation.	11
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	5/29/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View north of open excavation.	12
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	5/29/2024



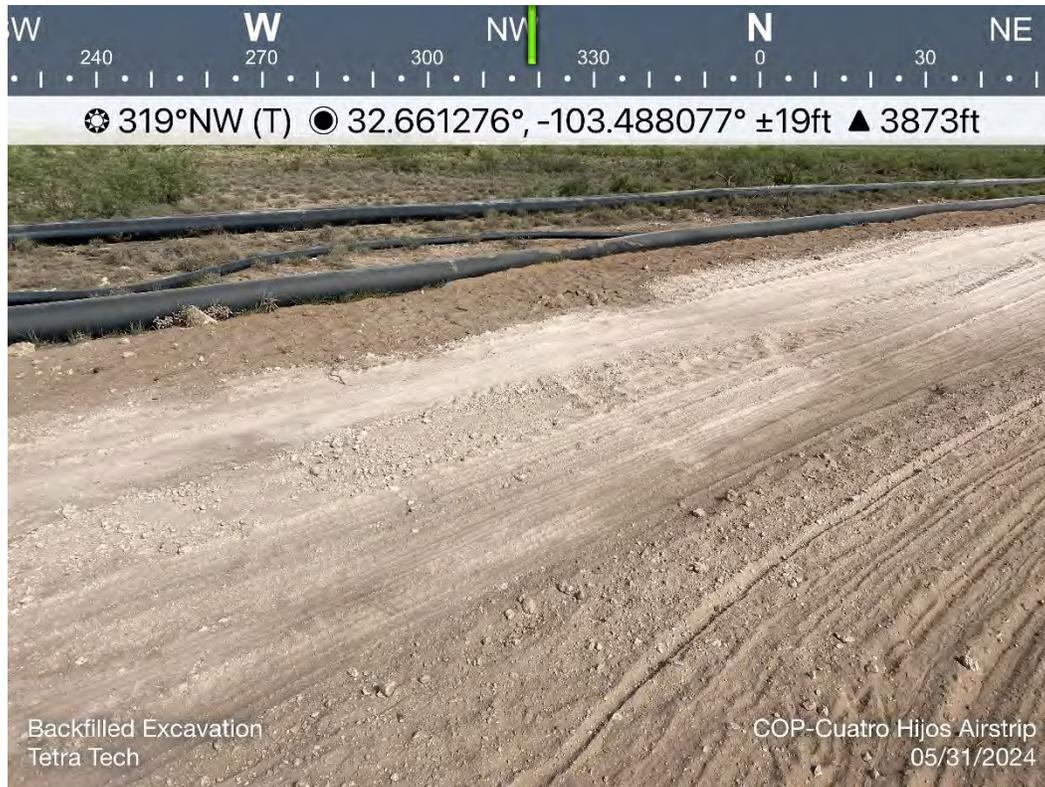
TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View south of backfilled excavation.	13
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	5/29/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View south of backfilled excavation.	14
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	5/29/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View north of backfilled excavation.	15
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	5/29/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03105A	DESCRIPTION	View northwest of backfilled excavation.	16
	SITE NAME	Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release	5/29/2024

# **APPENDIX D**

## **Regulatory Correspondence**

**From:** [OCDOnline@state.nm.us](mailto:OCDOnline@state.nm.us)  
**To:** [Lull, Christian](#)  
**Subject:** The Oil Conservation Division (OCD) has approved the application, Application ID: 289567  
**Date:** Tuesday, February 27, 2024 4:12:18 PM

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

To whom it may concern (c/o Christian Lull 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#) nAPP2311541081, with the following conditions:

- **Remediation plan approved. The alternative confirmation sampling plan taking confirmation samples no more than 400 square feet is approved. Submit closure report to OCD by 6/25/2024.**

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,  
Shelly Wells  
Environmental Specialist-A  
505-469-7520  
[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)

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

**Chavira, Lisbeth**

---

**From:** OCDOnline@state.nm.us  
**Sent:** Monday, May 20, 2024 2:45 PM  
**To:** Llull, Christian  
**Subject:** The Oil Conservation Division (OCD) has accepted the application, Application ID: 345941

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

To whom it may concern (c/o Christian Llull for COG OPERATING LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAPP2311541081.

The sampling event is expected to take place:

**When:** 05/22/2024 @ 15:00

**Where:** E-17-19S-35E 0 FNL 0 FEL (32.66131,-103.48811)

**Additional Information:** Contact Lisbeth Chavira at Direct Mobile +1 (512) 596-8201

**Additional Instructions:** CORRESPONDENCE FROM SHELLY WELLS:

Hi Nicholas,

OCD Permitting is only working internally this afternoon and it is being worked on to provide access to the public. I have gone into both incidents and approved a variance for these sampling notifications. In order to submit your closure reports you will need to put at least one sampling notification in for each incident and these can be backdated.

Thank you,

Shelly

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

**New Mexico Energy, Minerals and Natural Resources Department**

1220 South St. Francis Drive

Santa Fe, NM 87505

**Chavira, Lisbeth**

---

**From:** Poole, Nicholas  
**Sent:** Friday, May 17, 2024 2:39 PM  
**To:** Wells, Shelly, EMNRD  
**Cc:** Llull, Christian; Chavira, Lisbeth; Bratcher, Michael, EMNRD  
**Subject:** RE: [EXTERNAL] Incident ID: NAPP2311541081 (Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release) - Confirmation Sampling

Thanks Shelly. Have a great weekend.

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

**Tetra Tech** | *Leading with Science*® | OGA  
8911 N. Capital of Texas Highway | Bldg. 2, Suite 2310 | Austin, TX 78759 | [tetrattech.com](http://tetrattech.com)

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---

**From:** Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>  
**Sent:** Friday, May 17, 2024 2:31 PM  
**To:** Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>  
**Cc:** Llull, Christian <Christian.Llull@tetrattech.com>; Chavira, Lisbeth <LISBETH.CHAVIRA@tetrattech.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>  
**Subject:** RE: [EXTERNAL] Incident ID: NAPP2311541081 (Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release) - Confirmation Sampling

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

Thanks for letting me know Nicholas! I will put notes in incident events for both incidents you have emailed OCD.Enviro about and yes, save these emails as sampling notices to include with your reports. They will suffice do to the error being on our end.

Kind regards,

Shelly

**Shelly Wells** \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505  
(505)469-7520|[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

**From:** Poole, Nicholas <[NICHOLAS.POOLE@tetrattech.com](mailto:NICHOLAS.POOLE@tetrattech.com)>  
**Sent:** Friday, May 17, 2024 1:27 PM  
**To:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrn.nm.gov](mailto:Shelly.Wells@emnrn.nm.gov)>  
**Cc:** Llull, Christian <[Christian.Llull@tetrattech.com](mailto:Christian.Llull@tetrattech.com)>; Chavira, Lisbeth <[LISBETH.CHAVIRA@tetrattech.com](mailto:LISBETH.CHAVIRA@tetrattech.com)>; Bratcher, Michael, EMNRD <[mike.bratcher@emnrn.nm.gov](mailto:mike.bratcher@emnrn.nm.gov)>  
**Subject:** RE: [EXTERNAL] Incident ID: NAPP2311541081 (Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release) - Confirmation Sampling

Thank you for the quick response Shelly,

The website appears to still be down on our end. We have tried from various cities/regions, on and off our company network.

If we cannot access within the 48 hour window, can this correspondence function as our confirmation sampling notice?

Thanks  
Nicholas

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

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**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrn.nm.gov](mailto:Shelly.Wells@emnrn.nm.gov)>  
**Sent:** Friday, May 17, 2024 2:07 PM  
**To:** Poole, Nicholas <[NICHOLAS.POOLE@tetrattech.com](mailto:NICHOLAS.POOLE@tetrattech.com)>  
**Cc:** Llull, Christian <[Christian.Llull@tetrattech.com](mailto:Christian.Llull@tetrattech.com)>; Chavira, Lisbeth <[LISBETH.CHAVIRA@tetrattech.com](mailto:LISBETH.CHAVIRA@tetrattech.com)>; Bratcher, Michael, EMNRD <[mike.bratcher@emnrn.nm.gov](mailto:mike.bratcher@emnrn.nm.gov)>  
**Subject:** RE: [EXTERNAL] Incident ID: NAPP2311541081 (Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release) - Confirmation Sampling

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

Hi Nicholas,

Thank you for letting us know. The system seems to be operating now as it should be so you should be able to submit notices now.

Kind regards,

Shelly

Shelly Wells \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive|Santa Fe, NM 87505  
(505)469-7520|[Shelly.Wells@emnrn.nm.gov](mailto:Shelly.Wells@emnrn.nm.gov)  
<http://www.emnrn.state.nm.us/OCD/>

---

**From:** Poole, Nicholas <[NICHOLAS.POOLE@tetrattech.com](mailto:NICHOLAS.POOLE@tetrattech.com)>  
**Sent:** Friday, May 17, 2024 1:02 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrn.nm.gov](mailto:OCD.Enviro@emnrn.nm.gov)>  
**Cc:** Llull, Christian <[Christian.Llull@tetrattech.com](mailto:Christian.Llull@tetrattech.com)>; Chavira, Lisbeth <[LISBETH.CHAVIRA@tetrattech.com](mailto:LISBETH.CHAVIRA@tetrattech.com)>  
**Subject:** [EXTERNAL] Incident ID: NAPP2311541081 (Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release) - Confirmation Sampling

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

Incident ID (n#) **NAPP2311541081** (Cuatro Hijos/Airstrip Fee Com 1H PW Flowline Release)

To whom it may concern,

The OCD Permitting portal is currently down and a connection cannot be established to the remote server. Thus, 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 will begin Monday, May 20, 2024. 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 will be conducted at this site **Wednesday May 22 – Thursday May 30, 2024.**

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

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

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# **APPENDIX E**

## **Waste Manifest**

### TRANSPORTER'S MANIFEST

MANIFEST # 2

**SHIPPING FACILITY NAME & ADDRESS:**

**ConocoPhillips Company**  
600 W. Illinois Avenue, Midland, TX 79701  
Attn. Ike Tavarez  
[Ike.Tavarez@conocophillips.com](mailto:Ike.Tavarez@conocophillips.com)  
432.486.8630

**ACCOUNTING INFORMATION**

SRO State Com #018H Release – RMR Project  
GL Account No.: 702000  
WBS Element: WAO.000.7264.00.RM

*Ap: 30-015-39999*

**LOCATION OF MATERIAL:**

ConocoPhillips Company

SRO State Com #018H (AoC 7264)

Unit Letter A, Section 17, Township 26 South, Range 28 East  
Eddy County, New Mexico

**TRANSPORTER NAME AND ADDRESS:**

McNabb Partners  
4008 N. Grimes  
Hobbs, New Mexico 88240  
575.397.0050

TRUCK # M87

**DESCRIPTION OF WASTE:**

*Impacted Soil*

TRUCK CAPACITY: 20 cu yds

APPROXIMATE % FULL 90%

APPROXIMATE VOLUME HAULED OFF 16 cu yds

**FACILITY CONTACT:**

Date: *04/25/24*

Signature of Contact: *Andrew Garcia*  
(Agent for ConocoPhillips) Andrew Garcia 432-270-0197

**NAME OF TRANSPORTER (Driver):**

Date: *04/25/24*

Signature Driver: *Josh Brub*

**DISPOSAL SITE:**

R360 Red Bluff  
5053 US Hwy 285  
Orla, Texas 79779

Date: *4/25/24*

Representative Signature *Joyce Garcia*



(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: Hotkrais  
Phone No. 432 421 8630

**GENERATOR**

NO. 311700

Operator No. \_\_\_\_\_  
Operators Name Conrad  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. 51055 Com 18H Release  
County DB  
API No. 30-015-3999  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable)	_____	OTHER EXEMPT WASTES (type and generation process of the waste) <u>End Dump</u>
Oil Based Cuttings	_____		Completion Fluid/Flow Back (Non-Injectable)	_____	
Water Based Muds	_____		Produced Water (Non-Injectable)	_____	
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____	
Produced Formation Solids	_____		INTERNAL USE ONLY	_____	
Tank Bottoms	_____	Truck Washout (exempt waste)	_____		
E&P Contaminated Soil	_____				
Gas Plant Waste	_____				

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ Y-YARDS \_\_\_\_\_ E-EACH \_\_\_\_\_

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

**TRANSPORTER**

Transporter's Name McDobbs Petroleum  
Address \_\_\_\_\_  
Phone No. 595 357 0050

Driver's Name Jose R. ...  
Phone No. \_\_\_\_\_  
Truck No. 1187  
WHP No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 4-25-24

DRIVER'S SIGNATURE [Signature]

DELIVERY DATE 4-25-24

DRIVER'S SIGNATURE [Signature]

TRUCK TIME STAMP

IN: 12:29 PM OUT: \_\_\_\_\_

**DISPOSAL FACILITY**

RECEIVING AREA

Name/No. D7

Site Name/ Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO  
NORM (mR/hr) \_\_\_\_\_

**TANK BOTTOMS**

1st Gauge	Feet _____	Inches _____	BS&W Received	_____	BS&W (%)	_____
2nd Gauge	_____	_____	Free Water	_____		
Received	_____	_____	Total Received	_____		

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT) Jose R. ...

DATE 4/25/24

TITLE \_\_\_\_\_

SIGNATURE [Signature]



(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Name John Doe

Phone No. 432-448-2230

GENERATOR

NO. 311700

Operator No. \_\_\_\_\_  
Operators Name Conrad  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. 51051 Con RCH Release  
County SM  
API No. 30615-39999  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings	Washout Water (Non-Injectable)	<u>End Dump</u>
Water Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY	
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount  
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY \_\_\_\_\_ B-BARRELS 10 Y-YARDS \_\_\_\_\_ E-EACH \_\_\_\_\_

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McAuley Paul  
Address \_\_\_\_\_  
Phone No. 515 387 0050

Driver's Name John Doe  
Phone No. \_\_\_\_\_  
Truck No. 1127  
WHP No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 12:25 PM OUT: \_\_\_\_\_

DISPOSAL FACILITY

RECEIVING AREA

Name/No. DJ

Site Name/ Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

### TRANSPORTER'S MANIFEST

MANIFEST # 03

**SHIPPING FACILITY NAME & ADDRESS:**

**ConocoPhillips Company**  
600 W. Illinois Avenue, Midland, TX 79701  
Attn. Ike Tavaréz  
Ike.Tavaréz@conocophillips.com  
432.486.8630

**ACCOUNTING INFORMATION**

SRO State Com #018H Release – RMR Project  
GL Account No.: 702000  
WBS Element: WAO.000.7264.00.RM  
API: 30-015-39999

**LOCATION OF MATERIAL:**

ConocoPhillips Company

SRO State Com #018H (AoC 7264)

Unit Letter A, Section 17, Township 26 South, Range 28 East  
Eddy County, New Mexico

**TRANSPORTER NAME AND ADDRESS:**

McNabb Partners  
4008 N. Grimes  
Hobbs, New Mexico 88240  
575.397.0050

TRUCK #

63

**DESCRIPTION OF WASTE:**

Impacted Soil

TRUCK CAPACITY:

20 cu yds

APPROXIMATE % FULL

90%

APPROXIMATE VOLUME HAULED OFF

18 cu yds

**FACILITY CONTACT:**

Date: 04/25/24

Signature of Contact:  
(Agent for ConocoPhillips)

Andrew Garcia  
Andrew Garcia 432-270-0197

**NAME OF TRANSPORTER (Driver):**

Date: 04/25/24

Signature Driver:

ARIS MAYBERRY TRUCK # 63

**DISPOSAL SITE:**

R360 Red Bluff  
5053 US Hwy 285  
Orla, Texas 79779

Belly Dump

Date:

4-25-24

Representative  
Signature

JM



(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

**GENERATOR**

NO. 330497

Operator No. \_\_\_\_\_  
Operators Name Caroco  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. SRO S+gto. Com # 018H  
County SDD  
API No. 30-015-39999  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)	
Oil Based Cuttings	_____		Washout Water (Non-Injectable)	<u>Belly</u>
Water Based Muds	_____		Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	_____		Produced Water (Non-Injectable)	
Produced Formation Solids	_____		Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	_____	INTERNAL USE ONLY		
E&P Contaminated Soil	_____	Truck Washout (exempt waste)		
Gas Plant Waste	_____			

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY B-BARRELS 18 Y-YARDS E-EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)

Ike Tavares

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

**TRANSPORTER**

Transporter's Name McNabb Partners  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Acic  
Phone No. \_\_\_\_\_  
Truck No. 7362  
WHP No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

4/25/24  
SHIPMENT DATE

[Signature]  
DRIVER'S SIGNATURE

4/25/24  
DELIVERY DATE

[Signature]  
DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 1:06 OUT: \_\_\_\_\_

**DISPOSAL FACILITY**

RECEIVING AREA

Name/No. D7

Site Name/ Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) YES  NO   
NORM (mR/hr) 8

**TANK BOTTOMS**

1st Gauge	Feet	Inches	BS&W Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED  DENIED  If denied, why? \_\_\_\_\_  
Jorge [Signature] NAME (PRINT) 4/25/24 DATE [Signature] TITLE [Signature] SIGNATURE



(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

**GENERATOR**

NO. 330497

Operator No. \_\_\_\_\_  
Operators Name Coroico  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. SRO State Co. # 018H  
County 2007  
API No. 30-015-39999  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly</u>
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____	
Water Based Cuttings _____	Produced Water (Non-Injectable) _____	
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	
Tank Bottoms _____	INTERNAL USE ONLY	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
Gas Plant Waste _____		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY \_\_\_\_\_ B-BARRELS 18 Y-YARDS \_\_\_\_\_ E-EACH \_\_\_\_\_

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)

Ike Tovar

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

**TRANSPORTER**

Transporter's Name McNabb Partners  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Acie  
Phone No. \_\_\_\_\_  
Truck No. 7562  
WHP No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE 6/25/24

DRIVER'S SIGNATURE Acie McNabb

DELIVERY DATE 6/25/24

DRIVER'S SIGNATURE Acie McNabb

TRUCK TIME STAMP

IN: 1:06 PM OUT: \_\_\_\_\_

**DISPOSAL FACILITY**

RECEIVING AREA

Name/No. D7

Site Name/ Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES  NO

If YES, was reading > 50 micro roentgens? (Circle One) YES  NO   
NORM (mR/hr) 6

**TANK BOTTOMS**

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why? \_\_\_\_\_

NAME (PRINT) John

DATE 6/26/24

TITLE \_\_\_\_\_

SIGNATURE [Signature]

### TRANSPORTER'S MANIFEST

MANIFEST # 04

**SHIPPING FACILITY NAME & ADDRESS:**

**ConocoPhillips Company**  
600 W. Illinois Avenue, Midland, TX 79701  
Attn. Ike Tavarez  
[Ike.Tavarez@conocophillips.com](mailto:Ike.Tavarez@conocophillips.com)  
432.486.8630

**ACCOUNTING INFORMATION**

SRO State Com #018H Release – RMR Project  
GL Account No.: 702000  
WBS Element: WAO.000.7264.00.RM  
API: 30-015 - 39999

**LOCATION OF MATERIAL:**

ConocoPhillips Company

SRO State Com #018H (AoC 7264)

Unit Letter A, Section 17, Township 26 South, Range 28 East  
Eddy County, New Mexico

**TRANSPORTER NAME AND ADDRESS:**

McNabb Partners  
4008 N. Grimes  
Hobbs, New Mexico 88240  
575.397.0050

TRUCK #

90

**DESCRIPTION OF WASTE:**

Impacted Soil

TRUCK CAPACITY:

25 cu yds

APPROXIMATE % FULL

90%

APPROXIMATE VOLUME HAULED OFF

18 cu yds

**FACILITY CONTACT:**

Date: 04/25/24

Signature of Contact:  
(Agent for ConocoPhillips)

Andrew Garcia  
432-270-0197

**NAME OF TRANSPORTER (Driver):**

Date: 04/25/24

Signature Driver:

**DISPOSAL SITE:**

R360 Red Bluff  
5053 US Hwy 285  
Orla, Texas 79779

Date:

4-25-24

Representative  
Signature

[Signature]



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 07  
 Manif. Date: 4/25/2024  
 Hauler: MCNABB PARTNERS  
 Driver: GUMER  
 Truck #: M-90  
 Card #  
 Job Ref #

Ticket #: 700-1557742  
 Bid #: O6UJ9A000JEC  
 Date: 4/25/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 39999C  
 Well Name: SRO STATE COM  
 Well #: 018H  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

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

### TRANSPORTER'S MANIFEST

MANIFEST # 05

**SHIPPING FACILITY NAME & ADDRESS:**

**ConocoPhillips Company**  
600 W. Illinois Avenue, Midland, TX 79701  
Attn. Ike Tavaréz  
[Ike.Tavaréz@conocophillips.com](mailto:Ike.Tavaréz@conocophillips.com)  
432.486.8630

**ACCOUNTING INFORMATION**

SRO State Com #018H Release – RMR Project  
GL Account No.: 702000  
WBS Element: WAO.000.7264.00.RM  
API: 30-015-39999

**LOCATION OF MATERIAL:**

ConocoPhillips Company

SRO State Com #018H (AoC 7264)

Unit Letter A, Section 17, Township 26 South, Range 28 East  
Eddy County, New Mexico

**TRANSPORTER NAME AND ADDRESS:**

McNabb Partners  
4008 N. Grimes  
Hobbs, New Mexico 88240  
575.397.0050

TRUCK #

87

**DESCRIPTION OF WASTE:**

Impacted Soil

TRUCK CAPACITY:

20 cu yds

APPROXIMATE % FULL

90%

APPROXIMATE VOLUME HAULED OFF

18 cu yds

**FACILITY CONTACT:**

Date: 04/25/24

Signature of Contact:  
(Agent for ConocoPhillips)

Andrew Garcia  
432-270-0197

**NAME OF TRANSPORTER (Driver):**

Date: 04/25/24

Signature Driver:

Josh Sash

**DISPOSAL SITE:**

R360 Red Bluff  
5053 US Hwy 285  
Orla, Texas 79779

Date:

4/25/24

Representative  
Signature

[Signature]



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 05  
 Manif. Date: 4/25/2024  
 Hauler: MCNABB PARTNERS  
 Driver: JOSH  
 Truck #: 87  
 Card #  
 Job Ref #

Ticket #: 700-1557735  
 Bid #: O6UJ9A000JEC  
 Date: 4/25/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 39999C  
 Well Name: SRO STATE COM  
 Well #: 018H  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

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

### TRANSPORTER'S MANIFEST

MANIFEST # 06

**SHIPPING FACILITY NAME & ADDRESS:**

**ConocoPhillips Company**  
600 W. Illinois Avenue, Midland, TX 79701  
Attn. Ike Tavarez  
Ike.Tavarez@conocophillips.com  
432.486.8630

**ACCOUNTING INFORMATION**

SRO State Com #018H Release - RMR Project  
GL Account No.: 702000  
WBS Element: WAO.000.7264.00.RM  
API: 30-015-39999

**LOCATION OF MATERIAL:**

ConocoPhillips Company

SRO State Com #018H (AoC 7264)

Unit Letter A, Section 17, Township 26 South, Range 28 East  
Eddy County, New Mexico

**TRANSPORTER NAME AND ADDRESS:**

McNabb Partners  
4008 N. Grimes  
Hobbs, New Mexico 88240  
575.397.0050

TRUCK #

63

**DESCRIPTION OF WASTE:**

Impacted Soil

TRUCK CAPACITY:

20 cu yds

APPROXIMATE % FULL

90%

APPROXIMATE VOLUME HAULED OFF

16 cu yds

**FACILITY CONTACT:**

Date: 04/25/24

Signature of Contact:  
(Agent for ConocoPhillips)

Andrew Garcia  
Andrew Garcia 432-270-0197

**NAME OF TRANSPORTER (Driver):**

Date: 04/25/24

Signature Driver:

AKH MAYBERRY TRUCK #183  
Billy Ford

**DISPOSAL SITE:**

R360 Red Bluff  
5053 US Hwy 285  
Orla, Texas 79779

Date:

4/25/24

Representative  
Signature

Y. Martinez



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 06  
 Manif. Date: 4/25/2024  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1557751  
 Bid #: O6UJ9A000JEC  
 Date: 4/25/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 39999C  
 Well Name: SRO STATE COM  
 Well #: 018H  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

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

### TRANSPORTER'S MANIFEST

MANIFEST # 07

**SHIPPING FACILITY NAME & ADDRESS:**

**ConocoPhillips Company**  
600 W. Illinois Avenue, Midland, TX 79701  
Attn. Ike Tavarez  
[Ike.Tavarez@conocophillips.com](mailto:Ike.Tavarez@conocophillips.com)  
432.486.8630

**ACCOUNTING INFORMATION**

SRO State Com #018H Release – RMR Project  
GL Account No.: 702000  
WBS Element: WAO.000.7264.00.RM

**LOCATION OF MATERIAL:**

ConocoPhillips Company

SRO State Com #018H (AoC 7264)

Unit Letter A, Section 17, Township 26 South, Range 28 East  
Eddy County, New Mexico

**TRANSPORTER NAME AND ADDRESS:**

McNabb Partners  
4008 N. Grimes  
Hobbs, New Mexico 88240  
575.397.0050

TRUCK #

90

**DESCRIPTION OF WASTE:**

Impacted Soil

TRUCK CAPACITY:

20 cu yds

APPROXIMATE % FULL

90%

APPROXIMATE VOLUME HAULED OFF

18 cu yds

**FACILITY CONTACT:**

Date: 04/25/24

Signature of Contact:  
(Agent for ConocoPhillips)

Andrew Garcia  
432-270-0197

**NAME OF TRANSPORTER (Driver):**

Date: 04/25/24

Signature Driver:

Turner R.

**DISPOSAL SITE:**

R360 Red Bluff  
5053 US Hwy 285  
Orla, Texas 79779

M-90 - BELLY DUMP

Date:

4/25/24

Representative  
Signature

[Signature]



(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name ANDREW L.

Phone No. \_\_\_\_\_

**GENERATOR**

NO. 320181

Operator No. \_\_\_\_\_  
Operators Name Conoco  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. SRO State Company 184  
County 2007  
API No. 30-015-39999  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	<u>BELLY DUMP</u>
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	_____	Produced Water (Non-Injectable)	
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	_____	INTERNAL USE ONLY	
E&P Contaminated Soil	<u>✓</u>	Truck Washout (exempt waste)	
Gas Plant Waste	_____		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY B-BARRELS \_\_\_\_\_ Y-YARDS 18 E-EACH \_\_\_\_\_

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)

Ike Tovar  
(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

**TRANSPORTER**

Transporter's Name McNABO PARTNERS  
Address \_\_\_\_\_  
Phone No. 575-398-0050

Driver's Name TUMER  
Phone No. \_\_\_\_\_  
Truck No. M-90  
WHP No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE 4-25-24

DRIVER'S SIGNATURE Tumer

TRUCK TIME STAMP

IN: 15:12 OUT: \_\_\_\_\_

**DISPOSAL FACILITY**

RECEIVING AREA

Name/No. 27

Site Name/Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES ✓ NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO ✓  
NORM (mR/hr) 4

**TANK BOTTOMS**

1st Gauge	Feet _____	Inches _____	BS&W Received	BS&W (%)
2nd Gauge	_____	_____	Free Water	
Received	_____	_____	Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED ✓

DENIED

If denied, why?

Jana  
NAME (PRINT)

4/25/24  
DATE

RC  
TITLE

Jana  
SIGNATURE



(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

**GENERATOR**

NO. 320181

Operator No. \_\_\_\_\_  
Operators Name Conoco  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. BROOKSTONE (Burrhead) 124  
County 2007  
API No. 70-115-37499  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

**EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)**

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>BELLY DUMP</u>
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____	
Water Based Cuttings _____	Produced Water (Non-Injectable) _____	
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	
Tank Bottoms _____	INTERNAL USE ONLY	
E&P Contaminated Soil <u>1</u>	Truck Washout (exempt waste) _____	
Gas Plant Waste _____		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY	B-BARRELS	Y-YARDS	E-EACH
		<u>18</u>	

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- MSDS Information
- RCRA Hazardous Waste Analysis
- Other (Provide Description Below)

Ike Turner

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

**TRANSPORTER**

Transporter's Name McNARD PARTNERS  
Address \_\_\_\_\_  
Phone No. 575-398-0050

Driver's Name TURNER  
Phone No. \_\_\_\_\_  
Truck No. M-90  
WHP No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE 4-25-24

DRIVER'S SIGNATURE Turner R.

**TRUCK TIME STAMP**

IN: 11:17 OUT: \_\_\_\_\_

**DISPOSAL FACILITY**

**RECEIVING AREA**

Name/No. 27

Site Name/ Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO  
NORM (mR/hr) 8

**TANK BOTTOMS**

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

John Turner 4/25/24 Turner John  
NAME (PRINT) DATE TITLE SIGNATURE

### TRANSPORTER'S MANIFEST

MANIFEST # 08

**SHIPPING FACILITY NAME & ADDRESS:**

**ConocoPhillips Company**  
600 W. Illinois Avenue, Midland, TX 79701  
Attn. Ike Tavaréz  
[Ike.Tavaréz@conocophillips.com](mailto:Ike.Tavaréz@conocophillips.com)  
432.486.8630

**ACCOUNTING INFORMATION**

SRO State Com #018H Release - RMR Project  
GL Account No.: 702000  
WBS Element: WAO.000.7264.00.RM

*API 30-015-3999A*

**LOCATION OF MATERIAL:**

ConocoPhillips Company

SRO State Com #018H (AoC 7264)

Unit Letter A, Section 17, Township 26 South, Range 28 East  
Eddy County, New Mexico

**TRANSPORTER NAME AND ADDRESS:**

McNabb Partners  
4008 N. Grimes  
Hobbs, New Mexico 88240  
575.397.0050

TRUCK #

*M 83*

**DESCRIPTION OF WASTE:**

Impacted Soil

*contsoil*

TRUCK CAPACITY:

*20 cu yds*

APPROXIMATE % FULL

*90%*

APPROXIMATE VOLUME HAULED OFF

*18 cu yds*

**FACILITY CONTACT:**

Date: *04/26/24*

Signature of Contact: *Andrew Garcia*  
(Agent for ConocoPhillips) Andrew Garcia 432-270-0197

**NAME OF TRANSPORTER (Driver):**

Date: *04/26/24*

Signature Driver: *ACIE MAYBERRY TRUCK M83*

**DISPOSAL SITE:**

R360 Red Bluff  
5053 US Hwy 285  
Orla, Texas 79779

*Belly Dump*

Date:

*4/26/24*

Representative  
Signature

*Imperial*



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 08  
 Manif. Date: 4/26/2024  
 Hauler: MCNABB PARTNERS  
 Driver: ACIE  
 Truck #: M83  
 Card #  
 Job Ref #

Ticket #: 700-1558013  
 Bid #: O6UJ9A000JEC  
 Date: 4/26/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 39999C  
 Well Name: SRO STATE COM  
 Well #: 018H  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

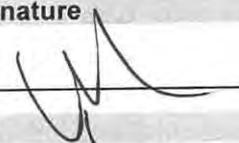
Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

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

### TRANSPORTER'S MANIFEST

MANIFEST # 09

**SHIPPING FACILITY NAME & ADDRESS:**

**ConocoPhillips Company**  
600 W. Illinois Avenue, Midland, TX 79701  
Attn. Ike Tavaréz  
[Ike.Tavaréz@conocophillips.com](mailto:Ike.Tavaréz@conocophillips.com)  
432.486.8630

**ACCOUNTING INFORMATION**

SRO State Com #018H Release – RMR Project  
GL Account No.: 702000  
WBS Element: WAO.000.7264.00.RM

**LOCATION OF MATERIAL:**

ConocoPhillips Company

API-30-015-39999

**SRO State Com #018H (AoC 7264)**

Unit Letter A, Section 17, Township 26 South, Range 28 East  
Eddy County, New Mexico

**TRANSPORTER NAME AND ADDRESS:**

McNabb Partners  
4008 N. Grimes  
Hobbs, New Mexico 88240  
575.397.0050

TRUCK #

M-90

**DESCRIPTION OF WASTE:**

*Impacted Soil*

TRUCK CAPACITY:

20 cu yds

APPROXIMATE % FULL

90%

APPROXIMATE VOLUME HAULED OFF

18 cu yds

**FACILITY CONTACT:**

Date: 04/26/24

Signature of Contact:  
(Agent for ConocoPhillips)

Andrew Garcia  
432-270-0197

**NAME OF TRANSPORTER (Driver):**

Date: 04/26/24

Signature Driver:

Luis Rdz

**DISPOSAL SITE:**

R360 Red Bluff  
5053 US Hwy 285  
Orla, Texas 79779

BELLY DUMP

Date:

4-26-24

Representative  
Signature

John Morris



(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name ANDREW HARRIS

Phone No.

GENERATOR

NO. 320182

Operator No.
Operators Name Enoco
Address
City, State, Zip
Phone No.

Permit/RRC No.
Lease/Well Name & No. SNO STATE Cam #018H
County
API No. 30-015-59999
Rig Name & No.
AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Table with columns for waste types (Oil Based Muds, Water Based Muds, etc.), NON-INJECTABLE WATERS (Washout Water, Completion Fluid, etc.), and OTHER EXEMPT WASTES (Belly Dump, M-90).

WASTE GENERATION PROCESS: DRILLING COMPLETION PRODUCTION GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \*please select from Non-Exempt Waste List on back

QUANTITY B-BARRELS Y-YARDS 18 E-EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
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 by 40 CFR, part 261, subpart D, as amended.
MSDS Information
RCRA Hazardous Waste Analysis
Other (Provide Description Below)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners
Address
Phone No. 575-398-0050

Driver's Name LIMER R.
Phone No.
Truck No. M-90
WHP No.

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE 4-26-24

DRIVER'S SIGNATURE Limer Rdy

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: 10:48 AM OUT:

Name/No. 07

Site Name/ Permit No. Red Bluff Facility / STF-065
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO NORM (mR/hr)

TANK BOTTOMS

Table for Tank Bottoms with columns for Feet, Inches, BS&W Received, Free Water, Total Received, and BS&W (%)

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE 4-26-24

TITLE

SIGNATURE



(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name ANDREW LINDSA

Phone No. \_\_\_\_\_

**GENERATOR**

NO. 320182

Operator No. \_\_\_\_\_  
Operators Name Conoco  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. SRO STATE Com #018H  
County 20-015-34999  
API No. \_\_\_\_\_  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>BELLY DUMP</u>
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____	
Water Based Cuttings _____	Produced Water (Non-Injectable) _____	
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	
Tank Bottoms _____	INTERNAL USE ONLY	
E&P Contaminated Soil <u>✓</u>	Truck Washout (exempt waste) _____	
Gas Plant Waste _____		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount  
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY B-BARRELS Y-YARDS 18 E-EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

**TRANSPORTER**

Transporter's Name McNABB PARTNERS  
Address \_\_\_\_\_  
Phone No. 575-398-0050

Driver's Name TJMER R.  
Phone No. \_\_\_\_\_  
Truck No. M-90  
WHP No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE 4-26-24

DRIVER'S SIGNATURE Tjmer Rdy

TRUCK TIME STAMP

IN: \_\_\_\_\_ OUT: \_\_\_\_\_

**DISPOSAL FACILITY**

RECEIVING AREA

Name/No. 27

Site Name/ Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) YES NO  
NORM (mR/hr) \_\_\_\_\_

**TANK BOTTOMS**

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

### TRANSPORTER'S MANIFEST

MANIFEST # 10

**SHIPPING FACILITY NAME & ADDRESS:**

**ConocoPhillips Company**  
600 W. Illinois Avenue, Midland, TX 79701  
Attn. Ike Tavaréz  
Ike.Tavaréz@conocophillips.com  
432.486.8630

**ACCOUNTING INFORMATION**

SRO State Com #018H Release – RMR Project  
GL Account No.: 702000  
WBS Element: WAO.000.7264.00.RM

**LOCATION OF MATERIAL:**

ConocoPhillips Company

*API-30-015-39999*

SRO State Com #018H (AoC 7264)

Unit Letter A, Section 17, Township 26 South, Range 28 East  
Eddy County, New Mexico

**TRANSPORTER NAME AND ADDRESS:**

McNabb Partners  
4008 N. Grimes  
Hobbs, New Mexico 88240  
575.397.0050

TRUCK #

*M-36*

**DESCRIPTION OF WASTE:**

*Impacted Soil*

TRUCK CAPACITY:

*18 cu yds*

APPROXIMATE % FULL

*90%*

APPROXIMATE VOLUME HAULED OFF

*16 cu yds*

**FACILITY CONTACT:**

Date: *04/28/24*

Signature of Contact:  
(Agent for ConocoPhillips)

*Andrew Garcia*

*432-270-0197*

**NAME OF TRANSPORTER (Driver):**

Date: *04/28/24*

Signature Driver:

*VICTOR MANZANO*

**DISPOSAL SITE:**

*R360 Red Bluff  
5053 US Hwy 285  
Orla, Texas 79779*

Date:

*4-26-24*

Representative  
Signature

*J. M.*



(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name IKE CAVALLO

Phone No. \_\_\_\_\_

**GENERATOR**

NO. 320294

Operator No. \_\_\_\_\_  
Operators Name Chadwick Phillips  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. SRO STATE Com. DISH 12600  
County 30-015-39999  
API No. \_\_\_\_\_  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings	Washout Water (Non-Injectable)	<u>DUMP TRUCK - M-36</u>
Water Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY	
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCPL), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY B-BARRELS 16 Y-YARDS \_\_\_\_\_ E-EACH \_\_\_\_\_

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
  - MSDS Information
  - RCRA Hazardous Waste Analysis
  - Other (Provide Description Below)

(PRINT) AUTHORIZED AGENTS SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

**TRANSPORTER**

Transporter's Name Mc Nab PARTNERS  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name VICTOR MANZANO  
Phone No. \_\_\_\_\_  
Truck No. M-36  
WHP No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE 6-26-24 DRIVER'S SIGNATURE VICTOR MANZANO

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: <u>10:45A</u> OUT: _____	Name/No. _____	<u>D7</u>

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770  
NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgen/hr? (Circle One) YES  NO   
NORM (mR/hr) \_\_\_\_\_

**TANK BOTTOMS**

1st Guage Received	Feet	Inches	BS&W Received	BS&W (%)
2nd Guage Received			Free Water	
			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED  DENIED  If denied, why? \_\_\_\_\_  
NAME (PRINT) Jorge Carr DATE 6-26-24 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_



(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name IKETAHAYALE

Phone No. \_\_\_\_\_

**GENERATOR**

NO. 320294

Operator No. \_\_\_\_\_  
Operators Name Chico Phillips  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. SRO STATE (Gen.) DISH  
County \_\_\_\_\_  
API No. 790-DIS-3999  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

**EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)**

	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Muds	Washout Water (Non-Injectable)	<u>DUMP TRUCK - 11.36</u>
Oil Based Cuttings	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Muds	Produced Water (Non-Injectable)	
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	
Produced Formation Solids		
Tank Bottoms	<b>INTERNAL USE ONLY</b>	
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

**NON-EXEMPT E&P Waste/Service Identification and Amount**  
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other \_\_\_\_\_ \*please select from Non-Exempt Waste List on back

QUANTITY \_\_\_\_\_ B-BARRELS 16 Y-YARDS \_\_\_\_\_ E-EACH \_\_\_\_\_

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- 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 by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

MSDS Information  RCRA Hazardous Waste Analysis  Other (Provide Description Below)

(PRINT) AUTHORIZED AGENTS SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

**TRANSPORTER**

Transporter's Name Red Bluff Partners  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name VICTOR MONZANA  
Phone No. \_\_\_\_\_  
Truck No. 12624  
WHP No. \_\_\_\_\_

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE \_\_\_\_\_

DRIVER'S SIGNATURE \_\_\_\_\_

DELIVERY DATE \_\_\_\_\_

DRIVER'S SIGNATURE \_\_\_\_\_

**TRUCK TIME STAMP**

IN: 10:40 OUT: \_\_\_\_\_

**DISPOSAL FACILITY**

**RECEIVING AREA**

Name/No. \_\_\_\_\_

Site Name/Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO  
NORM (mR/hr) \_\_\_\_\_

**TANK BOTTOMS**

	Feet	Inches
1st Guage		
2nd Guage		
Received		

BS&W Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT) \_\_\_\_\_

DATE \_\_\_\_\_

TITLE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

### TRANSPORTER'S MANIFEST

MANIFEST #   4  

**SHIPPING FACILITY NAME & ADDRESS:**

**ConocoPhillips Company**  
600 W. Illinois Avenue, Midland, TX 79701  
Attn. Ike Tavaréz  
Ike.Tavaréz@conocophillips.com  
432.486.8630

**ACCOUNTING INFORMATION**

SRO State Com #018H Release – RMR Project  
GL Account No.: 702000  
WBS Element: WAO.000.7264.00.RM

**LOCATION OF MATERIAL:**

ConocoPhillips Company

SRO State Com #018H (AoC 7264)

Unit Letter A, Section 17, Township 26 South, Range 28 East  
Eddy County, New Mexico

**TRANSPORTER NAME AND ADDRESS:**

McNabb Partners  
4008 N. Grimes  
Hobbs, New Mexico 88240  
575.397.0050

TRUCK #

  M-90  

**DESCRIPTION OF WASTE:**

*Impacted Soil*

TRUCK CAPACITY:

  80 cu yds  

APPROXIMATE % FULL

  90%  

APPROXIMATE VOLUME HAULED OFF

  17 cu yds  

**FACILITY CONTACT:**

Date:   04/     124  

Signature of Contact:   Andrew Garcia    
(Agent for ConocoPhillips)   Andrew Garcia   432-270-0197

**NAME OF TRANSPORTER (Driver):**

Date:   04/     124  

Signature Driver:   Luis Rdz  

**DISPOSAL SITE:**

R360 Red Bluff  
5053 US Hwy 285  
Orla, Texas 79779

Date:   4/22/24  

Representative Signature   L. Martinez



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: IKE TAVAREZ  
 AFE #:  
 PO #:  
 Manifest #: 11  
 Manif. Date: 4/26/2024  
 Hauler: MCNABB PARTNERS  
 Driver: GUMER  
 Truck #: M90  
 Card #  
 Job Ref #

Ticket #: 700-1558037  
 Bid #: O6UJ9A000JEC  
 Date: 4/26/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 39999C  
 Well Name: SRO STATE COM  
 Well #: 018H  
 Field:  
 Field #:  
 Rig: NON-DRILLING  
 County: EDDY (NM)

Permian Basin

Facility: CRI

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

**Generator Certification Statement of Waste Status**

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

- 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 Redz*

*[Signature]*

Customer Approval

**THIS IS NOT AN INVOICE!**

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

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

### TRANSPORTER'S MANIFEST

MANIFEST # 12

**SHIPPING FACILITY NAME & ADDRESS:**

**ConocoPhillips Company**  
600 W. Illinois Avenue, Midland, TX 79701  
Attn. Ike Tavarez  
[Ike.Tavarez@conocophillips.com](mailto:Ike.Tavarez@conocophillips.com)  
432.486.8630

**ACCOUNTING INFORMATION**

SRO State Com #018H Release - RMR Project  
GL Account No.: 702000  
WBS Element: WAO.000.7264.00.RM

**LOCATION OF MATERIAL:**

ConocoPhillips Company

APT-30-015-39999

SRO State Com #018H (AoC 7264)

Unit Letter A, Section 17, Township 26 South, Range 28 East  
Eddy County, New Mexico

**TRANSPORTER NAME AND ADDRESS:**

McNabb Partners  
4008 N. Grimes  
Hobbs, New Mexico 88240  
575.397.0050

TRUCK # M-36

**DESCRIPTION OF WASTE:**

*Impacted Soil*

TRUCK CAPACITY: 18 cu yds

APPROXIMATE % FULL 90%

APPROXIMATE VOLUME HAULED OFF 16 cu yds

**FACILITY CONTACT:**

Date: 04/26/24

Signature of Contact: Andrew Garcia  
(Agent for ConocoPhillips) Andrew Garcia 432-270-0197

**NAME OF TRANSPORTER (Driver):**

Date: 04/26/24

Signature Driver: JULIETA MANZANO

**DISPOSAL SITE:**

R360 Red Bluff  
5053 US Hwy 285  
Orla, Texas 79779

Date: 4/26/24

Representative Signature: [Signature]



Customer: CONOCOPHILLIPS  
 Customer #: CRI2190  
 Ordered by: Ike Tavarez  
 AFE #:  
 PO #:  
 Manifest #: 12  
 Manif. Date: 4/26/2024  
 Hauler: MCNABB PARTNERS LLC  
 Driver: Andrew  
 Truck #: m36  
 Card #  
 Job Ref #

Ticket #: 700-1558038  
 Bid #: O6UJ9A000JEC  
 Date: 4/26/2024  
 Generator: CONOCOPHILLIPS  
 Generator #: 40946  
 Well Ser. #: 39999C  
 Well Name: SRO STATE COM  
 Well #: 018H  
 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**

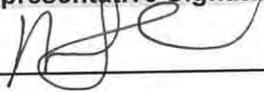
I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is:

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: \_\_\_\_\_

# **APPENDIX F**

## **Analytical Data**



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

May 24, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CUATRO HIJOS / AIRSTRIP FEE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 05/23/24 15:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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,

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: FS - 1 (H242887-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/24/2024	ND	432	108	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	05/23/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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  
 NICHOLAS POOLE  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: FS - 2 (H242887-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	05/24/2024	ND	432	108	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	05/23/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 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  
 NICHOLAS POOLE  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: FS - 3 (H242887-03)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	05/24/2024	ND	432	108	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	05/23/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 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  
 NICHOLAS POOLE  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: FS - 4 (H242887-04)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2680</b>	16.0	05/24/2024	ND	432	108	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	05/23/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 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  
 NICHOLAS POOLE  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: FS - 5 (H242887-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	05/24/2024	ND	432	108	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	05/23/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 65.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.4 % 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  
 NICHOLAS POOLE  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: FS - 7 (H242887-06)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/24/2024	ND	432	108	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	05/23/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 59.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.3 % 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  
 NICHOLAS POOLE  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: NSW - 1 (H242887-07)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/24/2024	ND	432	108	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	05/24/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: SSW - 1 (H242887-08)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	05/24/2024	ND	432	108	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	05/24/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: ESW - 1 (H242887-09)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/24/2024	ND	432	108	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	05/24/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 58.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: ESW - 2 (H242887-10)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/24/2024	ND	432	108	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	05/24/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: WSW - 1 (H242887-11)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/24/2024	ND	464	116	400	3.51	

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	05/24/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: WSW - 2 (H242887-12)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/24/2024	ND	464	116	400	3.51	

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	05/24/2024	ND	186	93.1	200	2.21	
DRO >C10-C28*	<10.0	10.0	05/24/2024	ND	181	90.5	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	05/24/2024	ND					

Surrogate: 1-Chlorooctane 75.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	05/23/2024	Sampling Date:	05/23/2024
Reported:	05/24/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - LEA CO NM		

**Sample ID: BZ - 1 (H242887-13)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.89	94.7	2.00	4.14	
Toluene*	<0.050	0.050	05/23/2024	ND	1.91	95.3	2.00	3.08	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.69	94.8	6.00	1.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/24/2024	ND	464	116	400	3.51	

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	05/23/2024	ND	207	103	200	0.584	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	216	108	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
- 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

2/2

**Company Name:** Tetra Tech  
**Project Manager:** Nicholas Poole  
**Address:**  
**City:** State: Zip:  
**Phone #:** Fax #:  
**Project #:** 212-MD-0310SA Project Owner: Lenore Phillips  
**Project Name:** Lea County, NM  
**Project Location:** Lea County, NM  
**Sampler Name:** Caitan Bickelhoff

**BILL TO**  
**P.O. #:**  
**Company:** Tetra Tech  
**Attn:** Nicholas Poole  
**Address:** Email  
**City:** State: Zip:  
**Phone #:** Fax #:

**FOR LAB USE ONLY**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	ANALYSIS REQUEST
1727887	WSW-1	↓	↓	SOIL	↓	DATE	BTEX
11	WSW-2	↓	↓	SLUDGE	↓	TIME	Chlorides
13	BZ-1	↓	↓	OTHER:	↓		TPH

**REMARKS:** Specific new  
Nicholas Poole & tetratech.com AND  
Libeth, Caitan & tetratech.com

**Relinquished By:** [Signature]  
**Received By:** [Signature]  
**Date:** 5/23/24  
**Time:** 5:42  
**Observed Temp. °C:** 5.42  
**Corrected Temp. °C:** [Blank]  
**Sample Condition:** Cool Intact  Yes  No  
**Checked By:** [Signature]  
**Turnaround Time:** Standard  Rush   
**Thermometer ID #:** 2416, TBT  
**Correction Factor °C:** [Blank]  
**Bacteria (only) Sample Condition:** Cool Intact  Yes  No  
**Observed Temp. °C:** [Blank]  
**Corrected Temp. °C:** [Blank]

† Cardinal cannot accept verbal changes. Please email changes to caley.kelso@cardinallabfirm.com



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

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May 29, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CUATRO HIJOS / AIRSTRIP FEE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 05/28/24 15:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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  
 NICHOLAS POOLE  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	05/28/2024	Sampling Date:	05/28/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

**Sample ID: FS - 6 (H242939-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/28/2024	ND	1.97	98.4	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	1.91	95.6	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.92	96.1	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	2.14	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/29/2024	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	05/28/2024	ND	222	111	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	211	106	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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\*=Accredited Analyte

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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





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---

May 29, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: CUATRO HIJOS / AIRSTRIP FEE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 05/28/24 15:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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).

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Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
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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". The signature is written in a cursive style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	05/28/2024	Sampling Date:	05/28/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

**Sample ID: BACKFILL - COMPOSITE 1 (H242940-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/28/2024	ND	1.97	98.4	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	1.91	95.6	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.92	96.1	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	2.14	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/29/2024	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	05/28/2024	ND	222	111	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	211	106	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 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  
 NICHOLAS POOLE  
 901 WEST WALL STREET , STE 100  
 MIDLAND TX, 79701  
 Fax To: (432) 682-3946

Received:	05/28/2024	Sampling Date:	05/28/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CUATRO HIJOS / AIRSTRIP FEE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	212C-MD-03105A	Sample Received By:	Tamara Oldaker
Project Location:	COP - LEA CO NM		

**Sample ID: BACKFILL - COMPOSITE 2 (H242940-02)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/28/2024	ND	1.97	98.4	2.00	1.22	
Toluene*	<0.050	0.050	05/28/2024	ND	1.91	95.6	2.00	1.40	
Ethylbenzene*	<0.050	0.050	05/28/2024	ND	1.92	96.1	2.00	2.12	
Total Xylenes*	<0.150	0.150	05/28/2024	ND	5.54	92.4	6.00	2.14	
Total BTEX	<0.300	0.300	05/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/29/2024	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	05/28/2024	ND	222	111	200	1.36	
DRO >C10-C28*	<10.0	10.0	05/28/2024	ND	211	106	200	4.00	
EXT DRO >C28-C36	<10.0	10.0	05/28/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 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, 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: Nicholas Poole  
 Address: 8911 Capital o Texas Hwy, Suite 2310  
 City: Austin  
 State: TX Zip: 78750  
 Phone #: (512) 565-0190 Fax #:   
 Project #: 213C-MD-03105A Project Owner: ConocoPhillips  
 Project Name: Cuatro Hijos/Alstrip Fee Com 1H  
 Project Location: Lea County, New Mexico  
 Sampler Name: Colton Bickerstaff  
 P.O. #:   
 Company: Tetra Tech  
 Attn: Nicholas Poole  
 Address: EMAIL  
 City:   
 State: Zip:   
 Phone #:   
 Fax #:   
 FOR LABORATORY USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH 8015M	BTEX 8021B	Chloride SM4500Cl-B
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL					
1	Backfill-Composite 1	C	1	X						5/28/2024		X	X	X	
2	Backfill-Composite 2	C	1	X						5/28/2024		X	X	X	

IMPORTANT: Customers and Contractors - Cardinal's custody and control extends only to the sample being analyzed. It is the customer's responsibility to ensure that the sample is properly labeled and that the correct label is used. Cardinal is not responsible for any damage to the sample or for any loss of the sample. Cardinal is not responsible for any damage to the sample or for any loss of the sample. Cardinal is not responsible for any damage to the sample or for any loss of the sample.

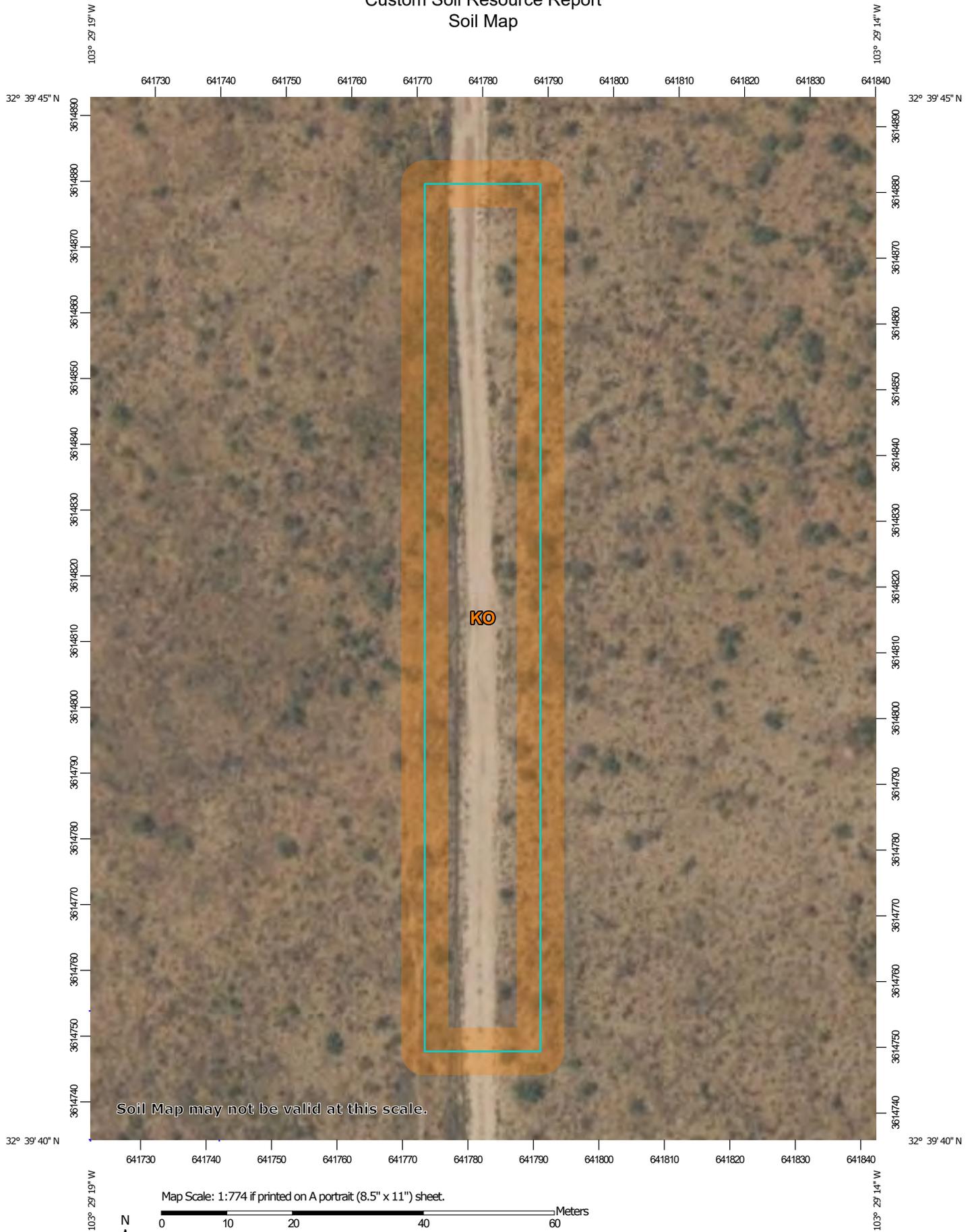
Relinquished By: Colton Bickerstaff  
 Date: 05/28/24  
 Received By: *[Signature]*  
 Date: 5/30/24  
 Observed Temp, °C: 21.6  
 Corrected Temp, °C:   
 Sample Condition:  Cool /  Intact  
 Checked By: *[Signature]*  
 Verbal Result:  Yes  No  
 Add'l Phone #:   
 Remarks: Backfill-Composite samples collected from the NORTH CUT Pit located at coordinates 32.644419, -103.494690  
 Transferred Time:  Standard  Backfill (only) Sample Condition  
 Rush:  YES  NO  TAT  
 Cool Seal:  Observed Temp, °C:   
 Thermometer ID #140  
 Correction Factor 0°C:   
 Yes  No  
 Yes  No  
 Control Temp, °C:   
 Delivered By: (Circle One)   
 Sampler - UPS - Bus - Other:   
 FORM-005 R.3.2 1/06/7/21

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

## **APPENDIX G**

### **Seed Mixture Details**

### Custom Soil Resource Report Soil Map



Map Scale: 1:774 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Custom Soil Resource Report

**MAP LEGEND**

**Area of Interest (AOI)**

 Area of Interest (AOI)

**Soils**

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

**Special Point Features**

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

**Water Features**

 Streams and Canals

**Transportation**

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

**Background**

 Aerial Photography

**MAP INFORMATION**

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico  
 Survey Area Data: Version 20, Sep 6, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Custom Soil Resource Report

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KO	Kimbrough gravelly loam, dry, 0 to 3 percent slopes	0.6	100.0%
<b>Totals for Area of Interest</b>		<b>0.6</b>	<b>100.0%</b>

## Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

## Custom Soil Resource Report

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

## Custom Soil Resource Report

**Lea County, New Mexico****KO—Kimbrough gravelly loam, dry, 0 to 3 percent slopes****Map Unit Setting**

*National map unit symbol:* 2tw43  
*Elevation:* 2,500 to 4,800 feet  
*Mean annual precipitation:* 14 to 16 inches  
*Mean annual air temperature:* 57 to 63 degrees F  
*Frost-free period:* 180 to 220 days  
*Farmland classification:* Not prime farmland

**Map Unit Composition**

*Kimbrough, dry, and similar soils:* 80 percent  
*Minor components:* 20 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

**Description of Kimbrough, Dry****Setting**

*Landform:* Playa rims, plains  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Concave, linear  
*Parent material:* Loamy eolian deposits derived from sedimentary rock

**Typical profile**

*A - 0 to 3 inches:* gravelly loam  
*Bw - 3 to 10 inches:* loam  
*Bkkm1 - 10 to 16 inches:* cemented material  
*Bkkm2 - 16 to 80 inches:* cemented material

**Properties and qualities**

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 4 to 18 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* Very high  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.01 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 95 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Very low (about 1.4 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7s  
*Hydrologic Soil Group:* D  
*Ecological site:* R077DY049TX - Very Shallow 12-17" PZ  
*Hydric soil rating:* No

Custom Soil Resource Report

**Minor Components**

**Eunice**

*Percent of map unit:* 10 percent

*Landform:* Plains

*Down-slope shape:* Linear

*Across-slope shape:* Convex

*Ecological site:* R077DY049TX - Very Shallow 12-17" PZ

*Hydric soil rating:* No

**Spraberry**

*Percent of map unit:* 6 percent

*Landform:* Playa rims, plains

*Down-slope shape:* Convex, linear

*Across-slope shape:* Linear

*Ecological site:* R077DY049TX - Very Shallow 12-17" PZ

*Hydric soil rating:* No

**Kenhill**

*Percent of map unit:* 4 percent

*Landform:* Plains

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Ecological site:* R077DY038TX - Clay Loam 12-17" PZ

*Hydric soil rating:* No

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# SLO Seed Mix

# SM Series

## 1 REVEGETATION PLANS

The following Revegetation Plans were developed for revegetation of sites in southeastern New Mexico. To determine which revegetation plan is appropriate follow procedures in the section titled Determining the Revegetation Plan.

Revegetation Plans contain seed mixtures, as well as seed bed preparation and planting requirements. The detailed instructions for seedbed preparation and planting can be found in the section Revegetation Techniques.

**Table 3 - Revegetation Plans, Codes, and Soil Types for Southeastern New Mexico**

REVEGETATION PLANS	CODE	SOIL TEXTURES
<b>Clay</b>	C	Clay, Silty Clay, Stony Silty Clay, Clay Loam, Silty Clay Loam (including saline and sodic Clay soils)
<b>Loam</b>	L	Silty Loam, Cobbly Silt Loam, Stony Silt Loam, Silt, Loam, Sandy, Clay Loam
<b>Sandy Loam</b>	SL	Very Fine Sandy Loam, Fine Sandy Loam, Cobbly Fine Sandy Loam, Sandy Loam, Cobbly Sandy Loam, Gravelly Fine Sandy Loam, Very Gravelly Fine Sand Loam, Stony Fine Sandy Loam, Stony Sandy Loam
<b>Shallow</b>	SH	Rocky Loam, Cobbly Loam
<b>Course</b>	CS	Gravelly Loam, very Gravelly Loam, Gravelly Sandy Loam, Very Gravelly Sandy Loam, Stony Loam, Stony Sandy Loam
<b>Sandy</b>	S	Loamy Fine Sand, Loam Sand, Very Gravelly Loamy Fine Sand
<b>Blow Sand</b>	BS	Fine Sand, Sand, Coarse Sand
<b>Mountain Meadow</b>	MM	Clay, Loam
<b>Mountain Upland</b>	MU	Clay Loam, Loam



# NMSLO Seed Mix

# Loamy (L)

**LOAMY (L) SITES SEED MIXTURE:**

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
<b>Grasses:</b>			
Black grama	VNS, Southern	1.0	D
Blue grama	Lovington	1.0	D
Sideoats grama	Vaughn, El Reno	4.0	F
Sand dropseed	VNS, Southern	2.0	S
Alkali sacaton	VNS, Southern	1.0	
Little bluestem	Cimarron, Pastura	1.5	F
<b>Forbs:</b>			
Firewheel ( <i>Gaillardia</i> )	VNS, Southern	1.0	D
<b>Shrubs:</b>			
Fourwing saltbush	Marana, Santa Rita	1.0	D
Common winterfat	VNS, Southern	0.5	F
<b>Total PLS/acre</b>		<b>18.0</b>	

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box  
 VNS = Variety Not Stated, PLS = Pure Live Seed

- Seed mixes should be provided in bags separating seed types into the three categories: small (S), standard (D) and fluffy (F).
- VNS, Southern – Seed should be from a southern latitude collection of this species.
- Double seed application rate for broadcast or hydroseeding.
- If one species is not available, contact the SLO for an approved substitute; alternatively the SLO may require other species proportionately increased.
- Additional information on these seed species can be found on the USDA Plants Database website at <http://plants.usda.gov>.



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

QUESTIONS

Action 357281

**QUESTIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 357281
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2311541081
Incident Name	NAPP2311541081 CUATRO HIJOS FEE 004H @ 0
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2203451633] Cuatro hijos FEE 4H BAT

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	CUATRO HIJOS FEE 004H
Date Release Discovered	04/20/2023
Surface Owner	Private

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion   Flow Line - Production   Produced Water   Released: 52 BBL   Recovered: 0 BBL   Lost: 52 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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Action 357281

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 357281
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.*

The source of the release has been stopped	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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.

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetratech.com Date: 06/25/2024
--	---

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**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 357281
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Site Characterization**  
*Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

*Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	28000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

*Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.*

On what estimated date will the remediation commence	05/20/2024
On what date will (or did) the final sampling or liner inspection occur	05/23/2024
On what date will (or was) the remediation complete(d)	05/31/2024
What is the estimated surface area (in square feet) that will be reclaimed	3086
What is the estimated volume (in cubic yards) that will be reclaimed	480
What is the estimated surface area (in square feet) that will be remediated	3086
What is the estimated volume (in cubic yards) that will be remediated	480

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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QUESTIONS, Page 4

Action 357281

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 357281
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetratech.com Date: 06/25/2024
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 357281

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 357281
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Deferral Requests Only**

*Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*

Requesting a deferral of the remediation closure due date with the approval of this submission	No
--	----

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Action 357281

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 357281
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>345941</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>05/22/2024</b>
What was the (estimated) number of samples that were to be gathered	<b>14</b>
What was the sampling surface area in square feet	<b>4250</b>

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	<b>Yes</b>
Have the lateral and vertical extents of contamination been fully delineated	<b>Yes</b>
Was this release entirely contained within a lined containment area	<b>No</b>
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	<b>Yes</b>
What was the total surface area (in square feet) remediated	<b>3086</b>
What was the total volume (cubic yards) remediated	<b>480</b>
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	<b>Yes</b>
What was the total surface area (in square feet) reclaimed	<b>3086</b>
What was the total volume (in cubic yards) reclaimed	<b>480</b>
Summarize any additional remediation activities not included by answers (above)	<b>NA</b>

*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 (in .pdf format) 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.*

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.

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 06/25/2024
--	--

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
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**District II**  
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**District III**  
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 Phone:(505) 334-6178 Fax:(505) 334-6170

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

QUESTIONS, Page 7

Action 357281

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 357281
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Reclamation Report**

*Only answer the questions in this group if all reclamation steps have been completed.*

Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	3086
What was the total volume of replacement material (in cubic yards) for this site	480

*Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.*

Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	05/31/2024

Summarize any additional reclamation activities not included by answers (above)	NA - Predominantly lease road
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*The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.*

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.

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 06/25/2024
--	--

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QUESTIONS, Page 8

Action 357281

**QUESTIONS (continued)**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 357281
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Revegetation Report</b>	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 357281

**CONDITIONS**

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 357281
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**CONDITIONS**

Created By	Condition	Condition Date
scwells	None	6/26/2024