



July 5, 2023

District Supervisor
Oil Conservation Division, District 1
1625 North French Drive
Hobbs, New Mexico 88240

**Re: Closure Report
ConocoPhillips
Brinninstool Unit 003H Tubing Release
Unit Letter O, Section 20, Township 23 South, Range 33 East
DOR: 5/3/2023
Lea County, New Mexico
Incident ID: nAPP2313138369**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips (COP) to assess a release that occurred from tubing equipment during service work at the Brinninstool Unit 003H (API # 30-025-41371) wellhead. The release footprint is located within Public Land Survey System (PLSS) Unit Letter O, Section 20, Township 23 South, Range 33 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.283882° -103.593160° as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico C-141 Initial Report (Appendix A), the release was discovered on May 3, 2023. The C-141 reports that the release occurred due to a paraffin plug in the production tubing during workover rig operations. While pulling tubing, the rig crew unscrewed a joint and the well started to flow gas and oil. Approximately 0.40 barrels (bbls) of produced water and 0.93 bbls of crude oil were reported released, of which no fluids were recovered.

The release extent was reported as starting on the developed well pad and spreading north via surface flow with some overspray. The NMOCD approved the initial C-141 on May 11, 2023, and subsequently assigned the release the Incident ID nAPP2313138369. The initial C-141 form is included in Appendix A.

LAND OWNERSHIP

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

SITE CHARACTERIZATION

A site characterization was performed and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, springs, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.0029 New Mexico Administrative Code (NMAC). The Site is in an area of low karst potential.

Tetra Tech

901 West Wall St., Suite 100, Midland, TX 79701

Tel 432.682.4559

Fax 432.682.3946

www.tetrattech.com

Closure Report
July 5, 2023

ConocoPhillips

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there is one (1) water well located within an 800-meter (approximately ½-mile) radius of the release location. The average depth to groundwater is 400 feet below ground surface (bgs). This well was completed December 31, 1974, however, meter readings continued until April 1, 2020. 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 Site RRALs for the on-pad areas at the release Site are as follows:

Constituent	Site RRALs
Chloride	10,000 mg/kg
TPH	2,500 mg/kg
BTEX	50 mg/kg

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

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH	100 mg/kg
BTEX	50 mg/kg

INITIAL RESPONSE AND REMEDIAL ACTIVITIES

In accordance with 19.15.29.8. B (4) NMAC that states “the responsible party may commence remediation immediately after discovery of a release”, ConocoPhillips operations elected to begin remediation of the impacted area footprint on May 11, 2023. The nAPP2313138369 release extent consisted of approximately 3,660 square feet of lease pad, as shown in Figure 3. Visually stained areas on pad were scraped to remove impacted materials. The on-pad material was scraped from approximately 1-3 inches below ground surface, resulting in 10 cubic yards of contaminated soil being removed and sent to R360 Halfway Facility in Hobbs, New Mexico. Waste manifests can be found in Appendix C. The initial response areas are indicated in Figure 3. Photographic documentation of the release extent and the scrape are found in Appendix E.

SITE ASSESSMENT / CONFIRMATION SAMPLING

On June 1, 2023, Tetra Tech personnel were onsite to conduct soil sampling to delineate the release footprint and confirm the efficacy of the remediation activities conducted during the initial response. A total of fourteen (14) borings were installed both within and outside the reported release footprint using a hand auger. Six (6) borings (AH-1 through AH-6) were installed within the release area footprint to achieve vertical delineation. Eight (8) borings (AH-7 and AH-14) were installed outside the release area footprint to achieve horizontal delineation. Soil samples collected were field screened for salinity parts per million (ppm) using an ExStik II EC 400 meter. The approximate release extent and boring locations are shown in Figure 4.

A total of twenty-eight (28) samples were collected from the fourteen (14) boring locations and submitted to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico to be analyzed for chlorides via EPA Method

Closure Report
July 5, 2023

ConocoPhillips

4500.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix D. Photographic documentation of Site conditions at the time of the assessment is presented in Appendix E.

SUMMARY OF SAMPLING RESULTS

Results from the June 2023 soil sampling event are summarized in Table 1. After review of the analytical results from the sampling event, both horizontal and vertical delineation was achieved following the June 2023 soil assessment activities. All analytical results associated with on-pad samples collected during the assessment activities were below Site RRALs. The boring locations are indicated in Figure 4. The initial response remedial action was successful in removing the contaminant mass to meet the standards of Table I of 19.15.29.12 NMAC. The small off-pad portion of the release footprint was below reclamation requirements for all three constituents.

The release extent consisted of approximately 3,660 sf. Samples were collected such that each discrete sample (horizontal and vertical) were representative of no more than 200 square feet of remediated area. A total of twenty (20) samples were collected and analyzed from the release interior (vertical), and eight (8) additional samples from the release perimeter (horizontal) were collected and analyzed during the sampling activities. Samples were collected from the surface and subsurface, to be representative of the remediated surface and not clean backfill.

CONCLUSION

Based on the results of the site assessment and confirmation sampling, ConocoPhillips respectfully requests closure of the incident. The current release footprint is fully delineated. All analytical results associated with the on-pad site assessment were below applicable Site RRALs following the initial response actions; therefore, no further remediation of the on-pad release footprint is required. The impacted surface area was remediated to meet the standards of Table I of 19.15.29.12 NMAC during the initial response remedial activities.

This final closure report has been submitted within 90 days of discovery of the release. This final closure report details the release characterization, remediation activities and the results of the assessment sampling. Final reclamation shall take place in accordance with 19.15.29.13 NMAC once the site is no longer being used for oil and gas operations. 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) 338-2861.

Sincerely,
Tetra Tech, Inc.



Christian M. Llull, P.G.
Project Manager

cc:
Mr. Jacob Laird, GPBU – ConocoPhillips

Closure Report
July 5, 2023

ConocoPhillips

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Approximate Release Extent and Initial Response
- Figure 4 – Site Assessment

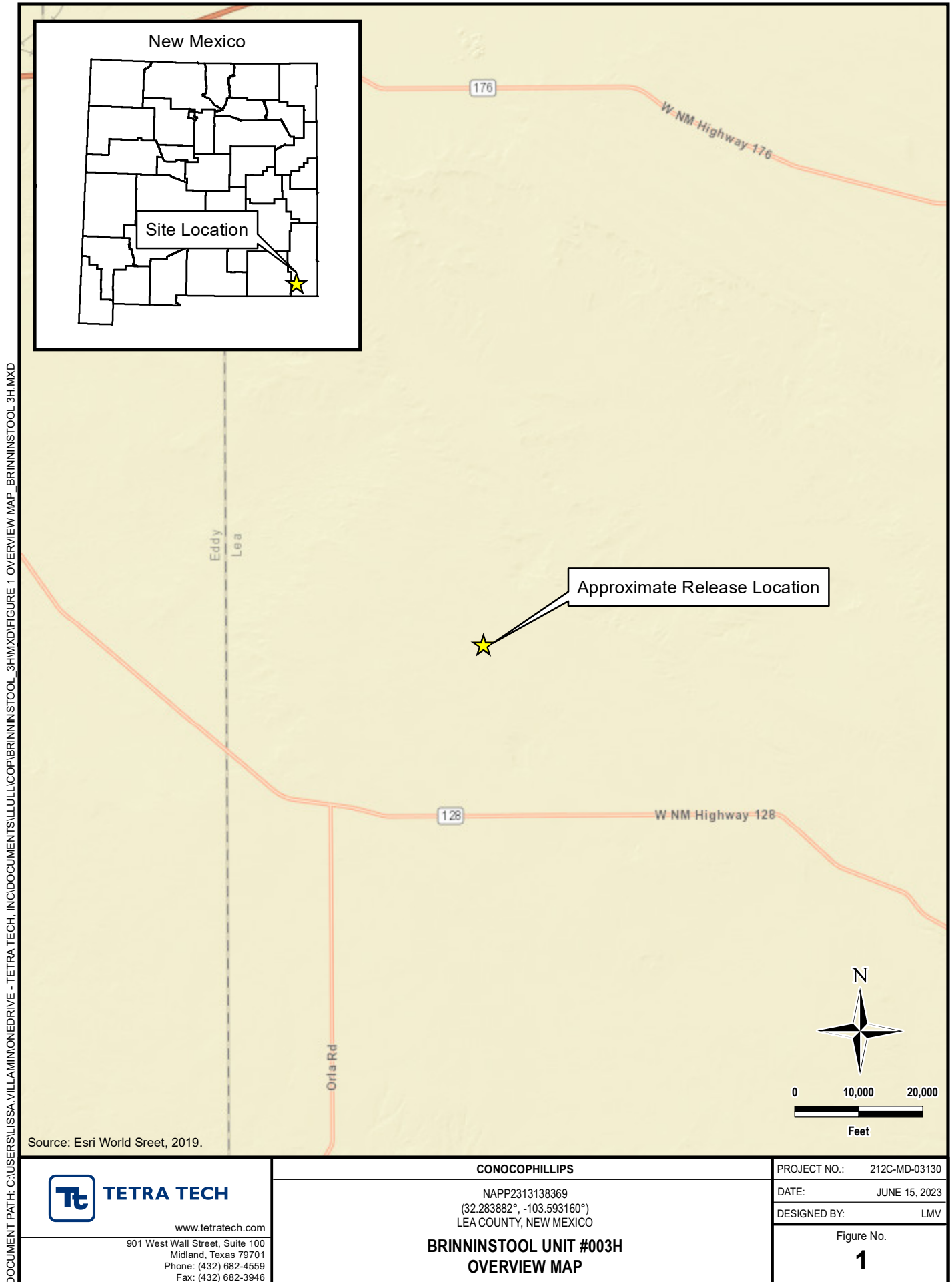
Tables:

- Table 1 – Summary of Analytical Results – Soil Assessment

Appendices:

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

FIGURES



DOCUMENT PATH: C:\USERS\LISSA.VILLAMONEDRIVE - TETRA TECH, INC\DOCUMENTS\LISSA.VILLAMONEDRIVE - TETRA TECH, INC\FIGURE 2 TOPO MAP - BRINNINSTOOL 3H.MXD

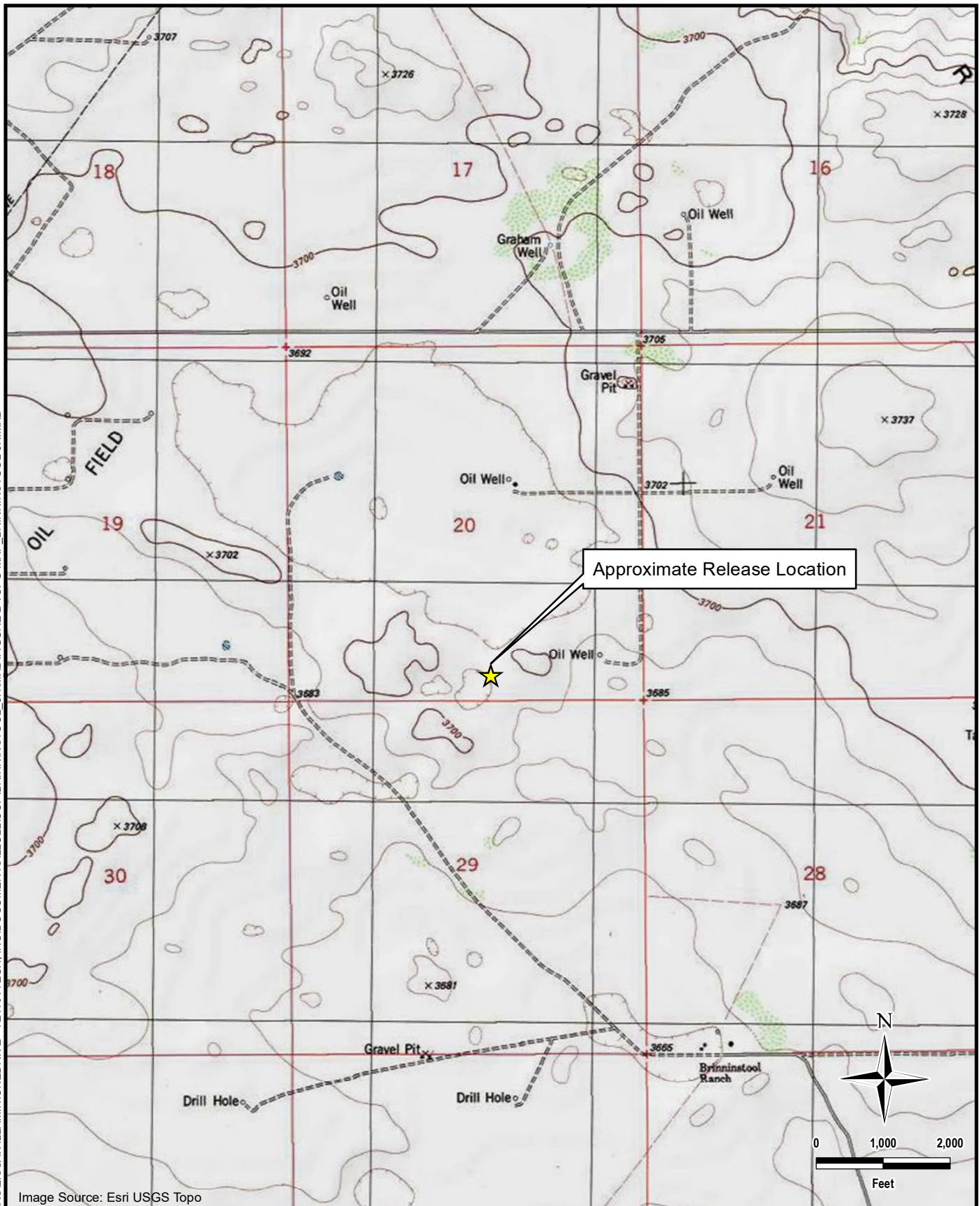


Image Source: Esri USGS Topo

**TETRA TECH**

www.tetrattech.com

901 West Wall Street, Suite 100
Midland, Texas 79701
Phone: (432) 682-4559
Fax: (432) 682-3946

CONOCOPHILLIPS

NAPP2313138369
(32.283882°, -103.593160°)
LEA COUNTY, NEW MEXICO

**BRINNINSTOOL UNIT #003H
TOPOGRAPHIC MAP**

PROJECT NO.: 212C-MD-03130

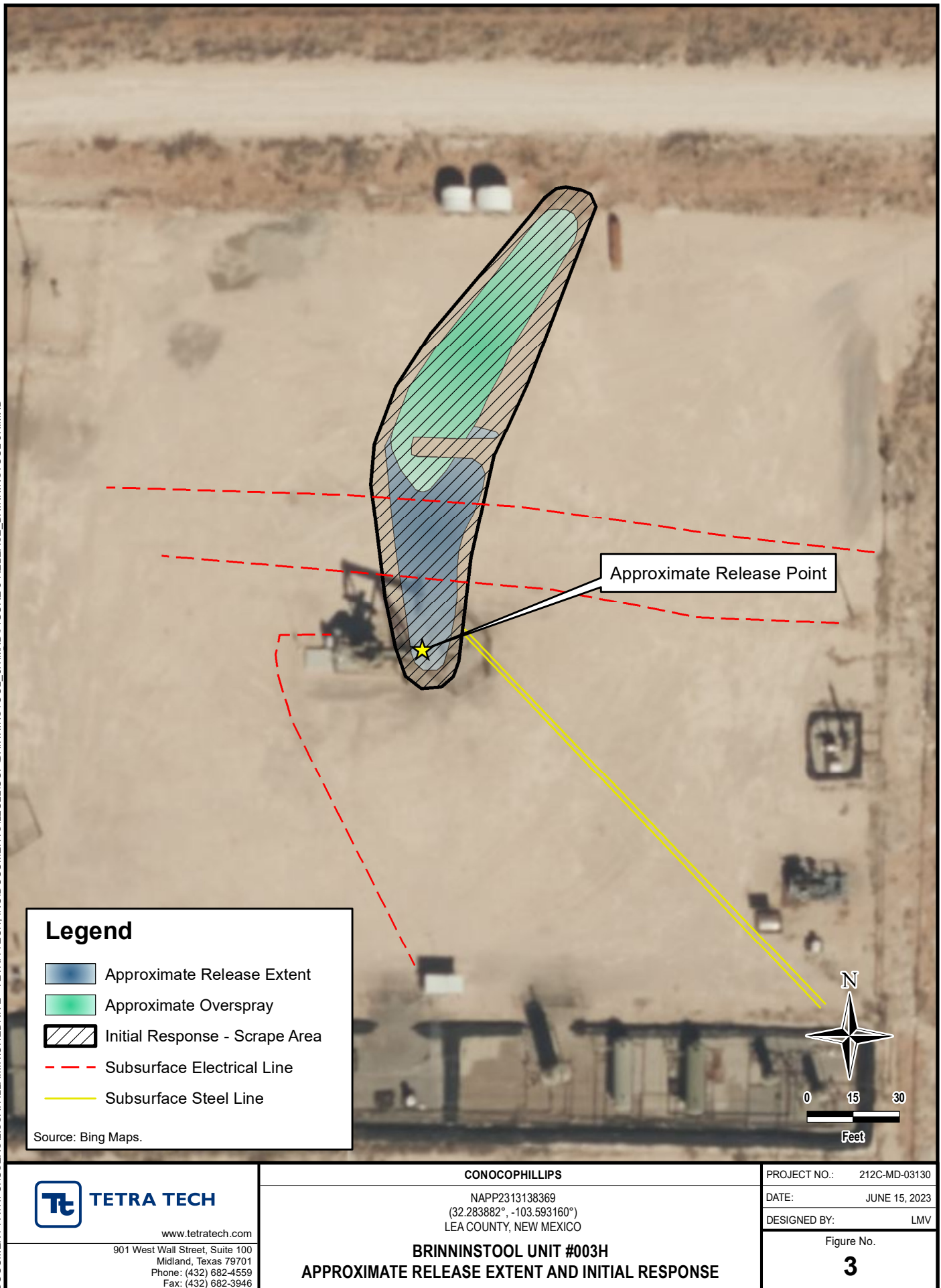
DATE: JUNE 15, 2023

DESIGNED BY: LMV

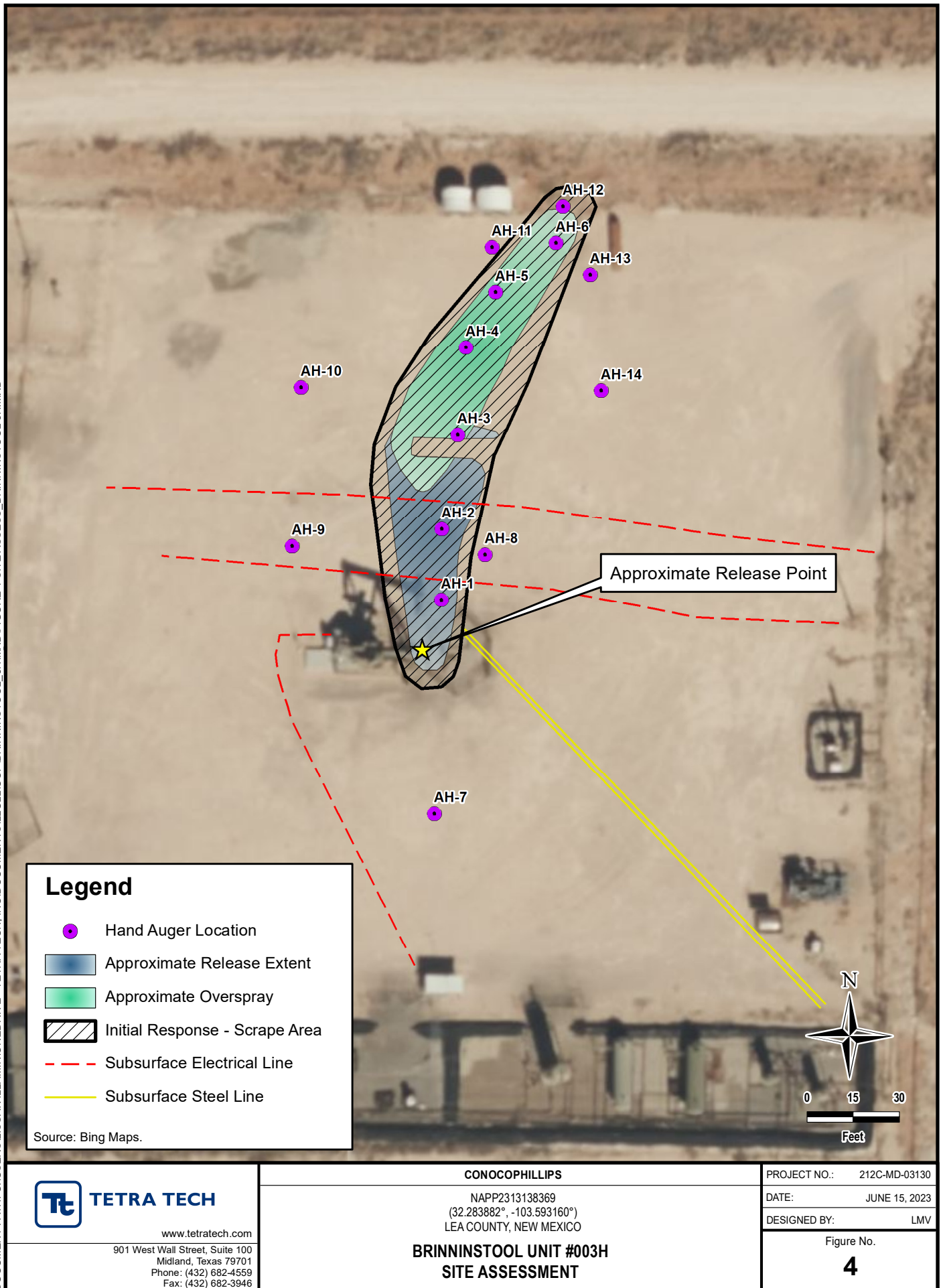
Figure No.

2

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CONOCOPHILLIPS

NAPP2313138369
(32.283882°, -103.593160°)
LEA COUNTY, NEW MEXICO

**BRINNINSTOOL UNIT #003H
SITE ASSESSMENT**

PROJECT NO.: 212C-MD-03130

DATE: JUNE 15, 2023

DESIGNED BY: LMV

Figure No.

4

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
2023 SOIL ASSESSMENT- NAPP231318369
CONOCOPHILLIPS
BRINNINSTOOL UNIT #003H
LEA COUNTY, NEW MEXICO

Sample ID	Sample Date	Sample Depth	Field Screening Results		Chloride ¹		BTEX ²										TPH ³							
							Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)	
			Chloride	PID	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		
		ft. bgs	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	6/1/2023	0-0.5	-	-	1,800		<0.050		<0.050		<0.050		0.270		<0.300		<10.0		295		119		414	
		0.5-1	-	-	752		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		34.2		<10.0		34.2	
		1-1.5	-	-	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		1.5-2	-	-	240		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-2	6/1/2023	0-0.5	-	-	336		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		833		149		982	
		0.5-1	-	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		13.9		<10.0		13.9	
		1-1.5	-	-	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		1.5-2	-	-	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-3	6/1/2023	0.5-1	-	-	800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		1-1.5	-	-	96.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		1.5-2	-	-	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-4	6/1/2023	0.5-1	-	-	400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		10.2		<10.0		10.2	
		1-1.5	-	-	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		1.5-2	-	-	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-5	6/1/2023	0-0.5	-	-	400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		1-1.5	-	-	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		1.5-2	-	-	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-6	6/1/2023	0-0.5	-	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		1-1.5	-	-	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		1.5-2	-	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-7	6/1/202	0-1	94	-	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-8	6/1/2023	0-1	155	-	80.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-9	6/1/2023	0-1	-	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-10	6/1/2023	0-1	160	-	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-11	6/1/2023	0-1	138	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		37.0		<10.0		37.0	
AH-12	6/1/2023	0-1	69	-	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
AH-13	6/1/2023	0-1	93	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		37.4		<10.0		37.4	
AH-14	6/1/2023	0-1	71	-	48.0		<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

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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (Name: _____)

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 type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input 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

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input type="checkbox"/> The source of the release has been stopped.	
<input type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input 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 _____	Title: _____
Signature: <u>Patricia Espinoza</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>05/11/2023</u>

NAPP2313138369

L48 Spill Volume Estimate Form - Fill In Gray Cells											
Facility Name & Well Number(s): Brinninstool Unit 3H						Release Discovery Date & Time: 5/3/2023 11:00 MST					
Provide any known details about the event:				While pulling out of hole with paraffin plugged 2-7/8" production tubing the crew unscrewed a joint installed mud bucket and picked up on tubing the well started to flow gas and oil.				Primary Cause (dropdown):		Secondary Cause (dropdown):	
				Was the Release to Soil / Caliche (dropdown):		Release On/Off Pad (dropdown):		Recovered Volume (bbl.) (if available, not included in volume calculations)		Release Type (dropdown):	
BU:		Permian		Asset Area: DBE - Asset Avg.		Yes		Off-Pad		none recovered	
Known Volume (dropdown):				No							
Known Area (dropdown):				No							
Spill Calculation - On-Pad Surface Pool Spill											
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	Estimated Pool Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)	
Rectangle A	48	20	0.1	960.00	0.89	0.00	0.89	70%	0.62	0.27	
Rectangle B				0.00	0.00	0.00	0.00		0.00	0.00	
Rectangle C				0.00	0.00	0.00	0.00		0.00	0.00	
Rectangle D				0.00	0.00	0.00	0.00		0.00	0.00	
Rectangle E				0.00	0.00	0.00	0.00		0.00	0.00	
Rectangle F				0.00	0.00	0.00	0.00		0.00	0.00	
Rectangle G				0.00	0.00	0.00	0.00		0.00	0.00	
Rectangle H				0.00	0.00	0.00	0.00		0.00	0.00	
Rectangle I				0.00	0.00	0.00	0.00		0.00	0.00	
Rectangle J				0.00	0.00	0.00	0.00		0.00	0.00	
Total Surface Pool Volume Released, Release to Soil/Caliche:							0.8902		0.6232	0.2671	

L48 Spill Volume Estimate Form - Fill In Gray Cells													
Facility Name & Well Number(s):				Brinninstool Unit 3H				Release Discovery Date & Time:		5/3/2023 11:00 MST			
Provide any known details about the event:				While pulling out of hole with paraffin plugged 2-7/8" production tubing the crew unscrewed a joint installed mud bucket and picked up on tubing the well started to flow gas and oil.				Primary Cause (dropdown):		Secondary Cause (dropdown):			
				Recovered Volume (bbl.) (if available, not included in volume calculations)	Method of Determination (dropdown)	Release Type (dropdown):		> 1/2" of Rain in Last 24 Hours (dropdown):		% Rainwater Recovered (not included in volume calculations, informational):			
BU:	Permian	Asset Area:	DBE - Asset Avg.	None Recovered	Field Measurement	Oil Mixture		No		0%			
Known Volume (dropdown):				No									
Known Area (dropdown):				No									
Spill Calculation - Subsurface Spill - Rectangle													
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)	Total Estimated Contaminated Soil, uncompacted, 25% (yd³)	Current Rule of Thumb - RMR Handover Volume, (yd³)	
Rectangle A	60.0	40.0	0.1	On-Pad	10.50%	3.56	0.37	70%	0.26	0.11	0.93	750	
Rectangle B	20.0	15.0	0.1	Off-Pad	15.02%	0.45	0.07		0.05	0.02	0.12		
Rectangle C						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		
Rectangle J						0.00					0.00		
Total Subsurface Volume Released:							0.4406		0.3084	0.1322	1.04	BU	

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input 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 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 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 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 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 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 type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Jacob Laird Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 7/6/2023

Incident ID	
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: _____ Title: _____

Signature: Jacob Laird Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 7/6/2023

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: Nelson Velez Date: 09/26/2023

Printed Name: Nelson Velez Title: Environmental Specialist - Adv

Communication with operator informing that they did not meet 19.15.29.12D (1a) NMAC. Initial forbearance given on 09/27/2023. Release resolved.

APPENDIX B

Site Characterization Data



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
C 02277	CUB	LE		2	3	4	20	23S	33E	632663	3572970*	271	550	400	150

Average Depth to Water: **400 feet**

Minimum Depth: **400 feet**

Maximum Depth: **400 feet**

Record Count: 1

UTM NAD83 Radius Search (in meters):

Easting (X): 632478.22

Northing (Y): 3572771.34

Radius: 800

*UTM location was derived from PLSS - see Help

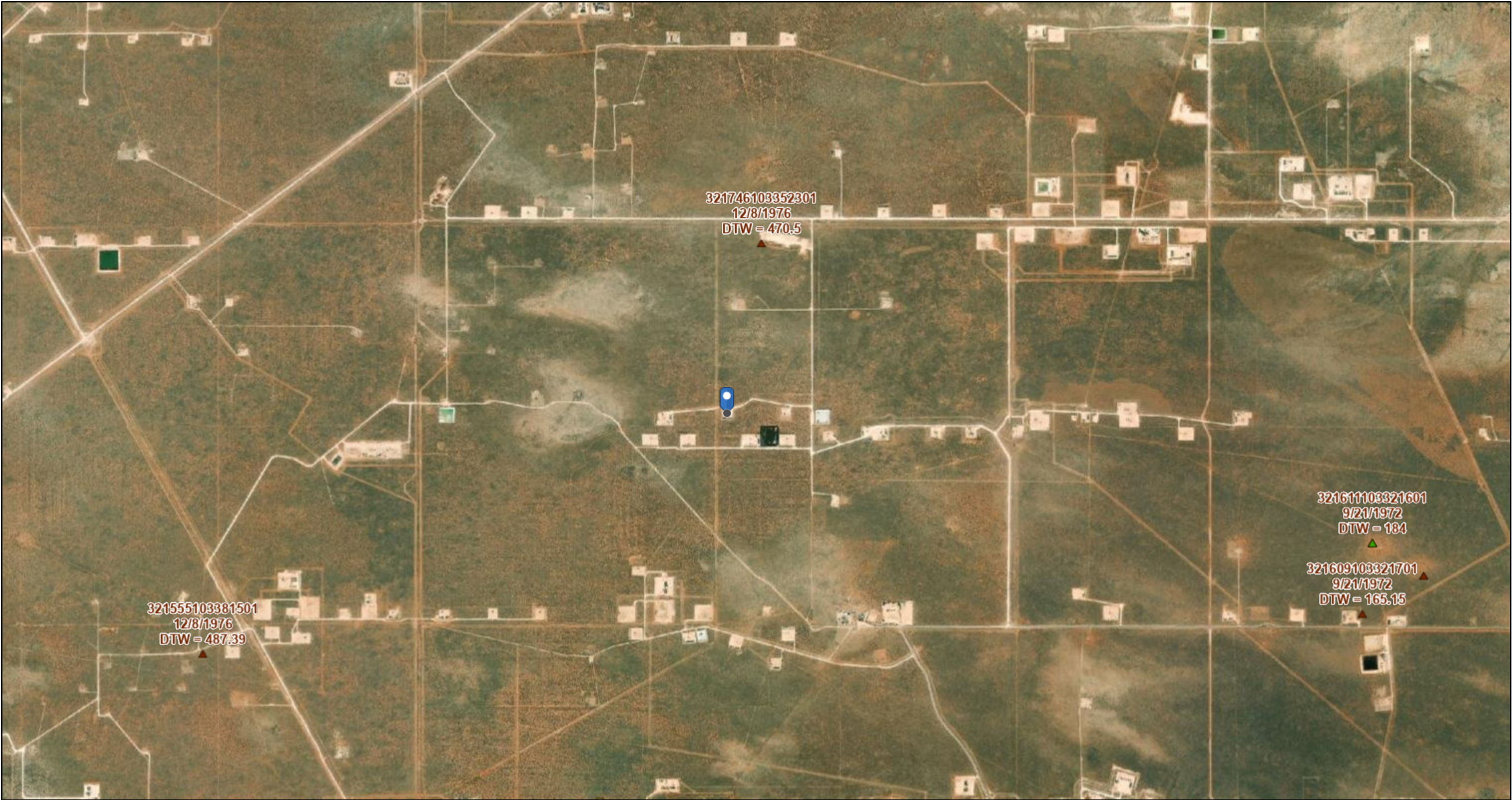
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/7/23 12:27 PM

Page 1 of 1

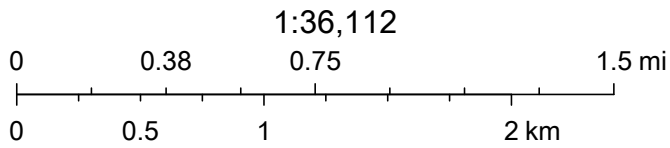
WATER COLUMN/ AVERAGE
DEPTH TO WATER

OCD - USGS Water Wells



6/7/2023, 1:15:37 PM


- ▲ USGS Historical GW Wells
- ▲ USGS Active Monitoring GW Wells

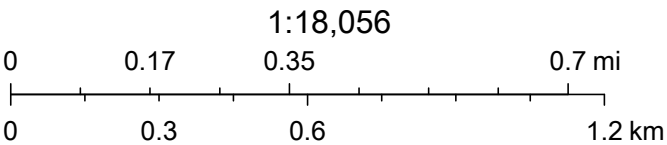


Esri, HERE, Garmin, USGS, Maxar

OCD - Karst Potential Map

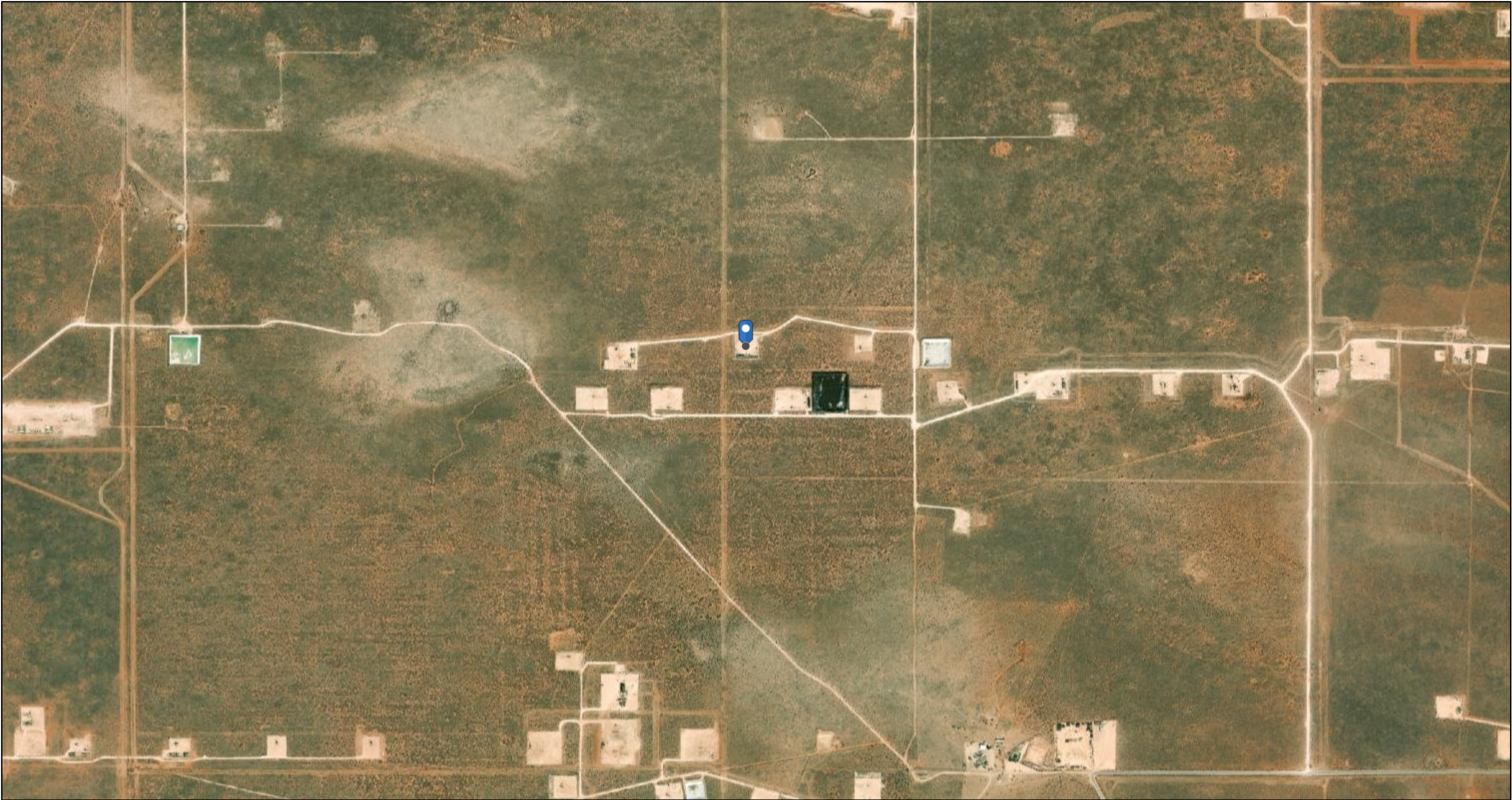


6/7/2023, 1:16:43 PM
Karst Occurrence Potential
 Low

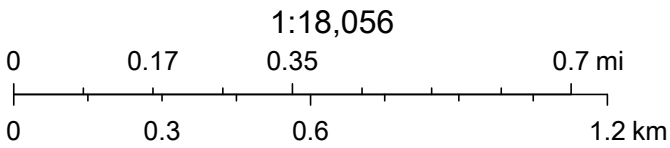


BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, iPC, Maxar

OCD - Waterbodies Map



6/7/2023, 1:16:13 PM



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

OCD - Land Ownership Map



6/7/2023, 1:17:32 PM

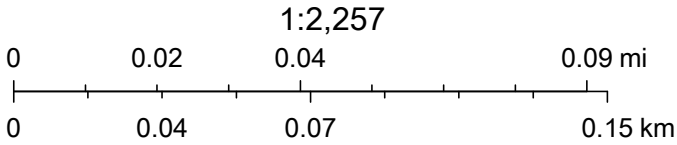
Mineral Ownership

A-All minerals are owned by U.S.

Land Ownership

BLM

P



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

APPENDIX C

Waste Manifests



Permian Basin

Customer: CONOCOPHILLIPS
Customer #: CRI2190
Ordered by: MICHELLE MULLINS
AFE #:
PO #:
Manifest #: 72259
Manif. Date: 5/11/2023
Hauler: J & R OILFIELD SERVICE
Driver: AMALIO
Truck #: 115
Card #
Job Ref #

Ticket #: 700-1429251
Bid #: O6UJ9A000JEC
Date: 5/11/2023
Generator: CONOCOPHILLIPS
Generator #: 40946
Well Ser. #: 999908
Well Name: BRINNINSTOOL UNIT
Well #: CTB
Field:
Field #:
Rig: NON-DRILLING
County: LEA (NM)

Facility: CRI

Product / Service**Quantity Units**

Contaminated Soil (RCRA Exempt)

10.00 yards

Generator Certification Statement of Waste Status

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

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste
☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items):
☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description above)

Driver/ Agent Signature**R360 Representative Signature****Customer Approval****THIS IS NOT AN INVOICE!**

Approved By: _____

Date: _____

APPENDIX D

Laboratory Analytical Data

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

June 07, 2023

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: BRINNINSTOOL UNIT #003H

Enclosed are the results of analyses for samples received by the laboratory on 06/02/23 11:55.

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

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AH - 1 (0-0.5')	H232797-01	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 1 (0.5'-1')	H232797-02	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 1 (1'-1.5')	H232797-03	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 1 (1.5'-2')	H232797-04	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 2 (0-0.5')	H232797-05	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 2 (0.5'-1')	H232797-06	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 2 (1'-1.5')	H232797-07	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 2 (1.5'-2')	H232797-08	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 3 (1'-1.5')	H232797-09	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 3 (1.5'-2')	H232797-10	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 4 (1'-1.5')	H232797-11	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 4 (1.5'-2')	H232797-12	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 5 (1'-1.5')	H232797-13	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 5 (1.5'-2')	H232797-14	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 6 (1'-1.5')	H232797-15	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 6 (1.5'-2')	H232797-16	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 7 (0-1')	H232797-17	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 8 (0-1')	H232797-18	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 9 (0-1')	H232797-19	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 10 (0-1')	H232797-20	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 11 (0-1')	H232797-21	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 12 (0-1')	H232797-22	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 13 (0-1')	H232797-23	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 14 (0-1')	H232797-24	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 3 (0.5'-1')	H232797-26	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 4 (0.5'-1')	H232797-28	Soil	01-Jun-23 00:00	02-Jun-23 11:55
AH - 5 (0-0.5')	H232797-29	Soil	01-Jun-23 00:00	02-Jun-23 11:55

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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 6 (0-0.5')

H232797-31

Soil

01-Jun-23 00:00

02-Jun-23 11:55

06/07/23 - Client added analysis to samples -26, -28, -29 and -31. This is the revised report and will replace the one sent earlier today, 06/07/23.

Cardinal Laboratories

*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 1 (0-0.5')
H232797-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	1800		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	0.270		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134 3060220 JH/ 02-Jun-23 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	
DRO >C10-C28*	295		10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	119		10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane 108 % 48.2-134 3060214 MS 02-Jun-23 8015B

Surrogate: 1-Chlorooctadecane 118 % 49.1-148 3060214 MS 02-Jun-23 8015B

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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 1 (0.5'-1')**H232797-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	752		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	
DRO >C10-C28*	34.2		10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			109 %	48.2-134		3060214	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			114 %	49.1-148		3060214	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 1 (1'-1.5')**H232797-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	288		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	108 %	71.5-134	3060220	JH/	02-Jun-23	8021B	
---------------------------------------	-------	----------	---------	-----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane	111 %	48.2-134	3060214	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane	114 %	49.1-148	3060214	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 1 (1.5'-2')**H232797-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	240		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060214	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			107 %	48.2-134		3060214	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			109 %	49.1-148		3060214	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 2 (0-0.5')**H232797-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	336		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		112 %		71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	QM-07
DRO >C10-C28*	833		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	QM-07, QR-03
EXT DRO >C28-C36	149		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane		89.0 %		48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane		94.0 %		49.1-148		3060215	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 2 (0.5'-1')**H232797-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	13.9		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			83.3 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			102 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 2 (1'-1.5')**H232797-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			88.6 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			107 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 2 (1.5'-2')**H232797-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			91.7 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			110 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 3 (1'-1.5')**H232797-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			91.7 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			112 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 3 (1.5'-2')**H232797-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			87.2 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			104 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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Cardinal Laboratories

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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 4 (1'-1.5')**H232797-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			86.0 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 4 (1.5'-2')**H232797-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	224		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %		71.5-134	3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			84.1 %		48.2-134	3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			99.9 %		49.1-148	3060215	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 5 (1'-1.5')**H232797-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	176		16.0	mg/kg	4	3060224	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			89.4 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			106 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 5 (1.5'-2')**H232797-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	208		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			89.2 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			104 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 6 (1'-1.5')**H232797-15 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			87.3 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			101 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 6 (1.5'-2')**H232797-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.0 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			104 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 7 (0-1')**H232797-17 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			89.9 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			107 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 8 (0-1')**H232797-18 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			81.0 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			97.9 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 9 (0-1')**H232797-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060220	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060220	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		3060220	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			79.7 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			93.9 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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Cardinal Laboratories

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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 10 (0-1')**H232797-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060221	JH/	02-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %	71.5-134		3060221	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.6 %	48.2-134		3060215	MS	02-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			108 %	49.1-148		3060215	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 11 (0-1')**H232797-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060221	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		110 %		71.5-134		3060221	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
DRO >C10-C28*	37.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane		85.9 %		48.2-134		3060215	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane		98.6 %		49.1-148		3060215	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 12 (0-1')**H232797-22 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060221	JH/	02-Jun-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			112 %	71.5-134		3060221	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	03-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	03-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	03-Jun-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.8 %	48.2-134		3060215	MS	03-Jun-23	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			108 %	49.1-148		3060215	MS	03-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 13 (0-1')**H232797-23 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060221	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		3060221	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	03-Jun-23	8015B	
DRO >C10-C28*	37.4		10.0	mg/kg	1	3060215	MS	03-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	03-Jun-23	8015B	

Surrogate: 1-Chlorooctane			85.3 %	48.2-134		3060215	MS	03-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			101 %	49.1-148		3060215	MS	03-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 14 (0-1')**H232797-24 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060221	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		3060221	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060215	MS	03-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060215	MS	03-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060215	MS	03-Jun-23	8015B	

Surrogate: 1-Chlorooctane			86.4 %	48.2-134		3060215	MS	03-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			101 %	49.1-148		3060215	MS	03-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 3 (0.5'-1')**H232797-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	800		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060221	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		3060221	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			86.6 %	48.2-134		3060217	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			89.1 %	49.1-148		3060217	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 4 (0.5'-1')**H232797-28 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060221	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %		71.5-134	3060221	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	
DRO >C10-C28*	10.2		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			85.7 %		48.2-134	3060217	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			87.5 %		49.1-148	3060217	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 5 (0-0.5')**H232797-29 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	400		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060221	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		3060221	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			84.0 %	48.2-134		3060217	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			84.7 %	49.1-148		3060217	MS	02-Jun-23	8015B	
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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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

AH - 6 (0-0.5')**H232797-31 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	3060227	AC	02-Jun-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3060221	JH/	02-Jun-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3060221	JH/	02-Jun-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			111 %	71.5-134		3060221	JH/	02-Jun-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3060217	MS	02-Jun-23	8015B	

Surrogate: 1-Chlorooctane			85.6 %	48.2-134		3060217	MS	02-Jun-23	8015B	
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Surrogate: 1-Chlorooctadecane			86.0 %	49.1-148		3060217	MS	02-Jun-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3060224 - 1:4 DI Water										
Blank (3060224-BLK1)				Prepared & Analyzed: 02-Jun-23						
Chloride	ND	16.0	mg/kg							
LCS (3060224-BS1)				Prepared & Analyzed: 02-Jun-23						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3060224-BSD1)				Prepared & Analyzed: 02-Jun-23						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 3060227 - 1:4 DI Water										
Blank (3060227-BLK1)				Prepared & Analyzed: 02-Jun-23						
Chloride	ND	16.0	mg/kg							
LCS (3060227-BS1)				Prepared & Analyzed: 02-Jun-23						
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (3060227-BSD1)				Prepared & Analyzed: 02-Jun-23						
Chloride	400	16.0	mg/kg	400		100	80-120	0.00	20	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3060220 - Volatiles**Blank (3060220-BLK1)**

Prepared & Analyzed: 02-Jun-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0527		mg/kg	0.0500		105	71.5-134			

LCS (3060220-BS1)

Prepared & Analyzed: 02-Jun-23

Benzene	2.14	0.050	mg/kg	2.00		107	81.4-118			
Toluene	2.20	0.050	mg/kg	2.00		110	88.7-121			
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	86.1-120			
m,p-Xylene	4.33	0.100	mg/kg	4.00		108	88.2-124			
o-Xylene	2.08	0.050	mg/kg	2.00		104	84.9-118			
Total Xylenes	6.42	0.150	mg/kg	6.00		107	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0516		mg/kg	0.0500		103	71.5-134			

LCS Dup (3060220-BSD1)

Prepared & Analyzed: 02-Jun-23

Benzene	2.19	0.050	mg/kg	2.00		110	81.4-118	2.44	15.8	
Toluene	2.26	0.050	mg/kg	2.00		113	88.7-121	2.44	15.9	
Ethylbenzene	2.13	0.050	mg/kg	2.00		107	86.1-120	2.98	16	
m,p-Xylene	4.51	0.100	mg/kg	4.00		113	88.2-124	3.98	16.2	
o-Xylene	2.11	0.050	mg/kg	2.00		106	84.9-118	1.36	16.7	
Total Xylenes	6.62	0.150	mg/kg	6.00		110	87.3-122	3.14	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0526		mg/kg	0.0500		105	71.5-134			

Batch 3060221 - Volatiles**Blank (3060221-BLK1)**

Prepared & Analyzed: 02-Jun-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3060221 - Volatiles**Blank (3060221-BLK1)**

Prepared & Analyzed: 02-Jun-23

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0546		mg/kg	0.0500		109	71.5-134			

LCS (3060221-BS1)

Prepared & Analyzed: 02-Jun-23

Benzene	2.02	0.050	mg/kg	2.00		101	81.4-118			
Toluene	2.00	0.050	mg/kg	2.00		99.8	88.7-121			
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	86.1-120			
m,p-Xylene	4.10	0.100	mg/kg	4.00		103	88.2-124			
o-Xylene	2.05	0.050	mg/kg	2.00		102	84.9-118			
Total Xylenes	6.15	0.150	mg/kg	6.00		102	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.7	71.5-134			

LCS Dup (3060221-BS1)

Prepared & Analyzed: 02-Jun-23

Benzene	2.15	0.050	mg/kg	2.00		107	81.4-118	5.90	15.8	
Toluene	2.12	0.050	mg/kg	2.00		106	88.7-121	5.94	15.9	
Ethylbenzene	2.20	0.050	mg/kg	2.00		110	86.1-120	6.20	16	
m,p-Xylene	4.39	0.100	mg/kg	4.00		110	88.2-124	6.91	16.2	
o-Xylene	2.16	0.050	mg/kg	2.00		108	84.9-118	5.39	16.7	
Total Xylenes	6.56	0.150	mg/kg	6.00		109	87.3-122	6.41	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3060214 - General Prep - Organics**Blank (3060214-BLK1)**

Prepared & Analyzed: 02-Jun-23

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	44.2		mg/kg	49.6		89.2	48.2-134		
Surrogate: 1-Chlorooctadecane	45.4		mg/kg	50.0		90.8	49.1-148		

LCS (3060214-BS1)

Prepared & Analyzed: 02-Jun-23

GRO C6-C10	180	10.0	mg/kg	200		90.1	78.5-124		
DRO >C10-C28	171	10.0	mg/kg	200		85.4	72.5-126		
Total TPH C6-C28	351	10.0	mg/kg	400		87.8	77.6-123		
Surrogate: 1-Chlorooctane	50.7		mg/kg	49.6		102	48.2-134		
Surrogate: 1-Chlorooctadecane	49.7		mg/kg	50.0		99.4	49.1-148		

LCS Dup (3060214-BS1)

Prepared & Analyzed: 02-Jun-23

GRO C6-C10	175	10.0	mg/kg	200		87.7	78.5-124	2.71	17.7
DRO >C10-C28	177	10.0	mg/kg	200		88.3	72.5-126	3.35	21
Total TPH C6-C28	352	10.0	mg/kg	400		88.0	77.6-123	0.282	18.5
Surrogate: 1-Chlorooctane	48.6		mg/kg	49.6		98.2	48.2-134		
Surrogate: 1-Chlorooctadecane	47.8		mg/kg	50.0		95.6	49.1-148		

Batch 3060215 - General Prep - Organics**Blank (3060215-BLK1)**

Prepared & Analyzed: 02-Jun-23

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	37.1		mg/kg	49.6		74.8	48.2-134		
Surrogate: 1-Chlorooctadecane	43.5		mg/kg	50.0		87.0	49.1-148		

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3060215 - General Prep - Organics**LCS (3060215-BS1)**

Prepared & Analyzed: 02-Jun-23

GRO C6-C10	166	10.0	mg/kg	200		83.1	78.5-124		
DRO >C10-C28	181	10.0	mg/kg	200		90.5	72.5-126		
Total TPH C6-C28	347	10.0	mg/kg	400		86.8	77.6-123		
Surrogate: 1-Chlorooctane	43.5		mg/kg	49.6		87.8	48.2-134		
Surrogate: 1-Chlorooctadecane	47.9		mg/kg	50.0		95.7	49.1-148		

LCS Dup (3060215-BS1)

Prepared & Analyzed: 02-Jun-23

GRO C6-C10	164	10.0	mg/kg	200		81.9	78.5-124	1.51	17.7
DRO >C10-C28	180	10.0	mg/kg	200		90.0	72.5-126	0.633	21
Total TPH C6-C28	344	10.0	mg/kg	400		85.9	77.6-123	1.05	18.5
Surrogate: 1-Chlorooctane	42.3		mg/kg	49.6		85.3	48.2-134		
Surrogate: 1-Chlorooctadecane	45.9		mg/kg	50.0		91.9	49.1-148		

Batch 3060217 - General Prep - Organics**Blank (3060217-BLK1)**

Prepared & Analyzed: 02-Jun-23

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	36.6		mg/kg	49.6		73.9	48.2-134		
Surrogate: 1-Chlorooctadecane	36.5		mg/kg	50.0		72.9	49.1-148		

LCS (3060217-BS1)

Prepared & Analyzed: 02-Jun-23

GRO C6-C10	188	10.0	mg/kg	200		93.8	78.5-124		
DRO >C10-C28	160	10.0	mg/kg	200		80.0	72.5-126		
Total TPH C6-C28	347	10.0	mg/kg	400		86.9	77.6-123		
Surrogate: 1-Chlorooctane	40.8		mg/kg	49.6		82.2	48.2-134		
Surrogate: 1-Chlorooctadecane	37.8		mg/kg	50.0		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
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: BRINNINSTOOL UNIT #003H
Project Number: 212C - MD - 03130
Project Manager: CHRISTIAN LLULL
Fax To: (432) 682-3946

Reported:
07-Jun-23 17:04

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3060217 - General Prep - Organics**LCS Dup (3060217-BSD1)**

Prepared & Analyzed: 02-Jun-23

GRO C6-C10	196	10.0	mg/kg	200		97.9	78.5-124	4.34	17.7	
DRO >C10-C28	158	10.0	mg/kg	200		79.0	72.5-126	1.25	21	
Total TPH C6-C28	354	10.0	mg/kg	400		88.5	77.6-123	1.81	18.5	
Surrogate: 1-Chlorooctane	43.4		mg/kg	49.6		87.6	48.2-134			
Surrogate: 1-Chlorooctadecane	40.5		mg/kg	50.0		81.0	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

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in cursive script, appearing to read "Celey D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager



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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech										BILL TO										ANALYSIS REQUEST									
Project Manager: Christian Llull										P.O. #:										<div style="display: flex; justify-content: space-around;"> <div>TPH 8015M</div> <div>BTEX 8021B</div> <div>Chloride SM4500CI-B</div> </div>									
Address: 8911 Capital o Texas Hwy, Suite 2310										Company: Tetra Tech																			
City: Austin State: TX Zip:										Attn: Christian Llull																			
Phone #: (512)565-0190 Fax #:										Address: EMAIL																			
Project #: 212C-MD-03130 Project Owner: ConocoPhillips										City:																			
Project Name: Brinninstool Unit #003H										State: Zip:																			
Project Location: Lea County, New Mexico										Phone #:																			
Sampler Name: Colton Bickerstaff										Fax #:																			
FOR LAB USE ONLY																													
Lab I.D.										Sample I.D.																			
										<div style="display: flex; justify-content: space-between;"> <div> (GRAB OR C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : </div> <div>MATRIX</div> <div>PRESERV.</div> <div>SAMPLING</div> </div>																			
										DATE										TIME									
H232797																													
11 AH-4 (1'-1.5')										G 1										X									
12 AH-4 (1.5'-2')										G 1										X									
13 AH-5 (1'-1.5')										G 1										X									
14 AH-5 (1.5'-2')										G 1										X									
15 AH-6 (1'-1.5')										G 1										X									
16 AH-6 (1.5'-2')										G 1										X									
17 AH-7 (0-1')										G 1										X									
18 AH-8 (0-1')										G 1										X									
19 AH-9 (0-1')										G 1										X									
20 AH-10 (0-1')										G 1										X									

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Relinquished By: Colton Bickerstaff		Date: 6/2/23	Received By: <i>Tamara Alldredge</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time: 1:55			All Results are emailed. Please provide Email address: Christian.Llull@tetratech.com			
Relinquished By:		Date:	Received By:		REMARKS:			
		Time:						
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <i>yo</i>		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush: N/A, Standard TAT <input type="checkbox"/>	
		2.3 1.7					Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Observed Temp. °C	
							Thermometer ID #113 Correction Factor -0.5°C	
							<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

FORM-006 R 3.2 10/07/21

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech										BILL TO										ANALYSIS REQUEST																			
Project Manager: Christian Llull										P.O. #:										<div style="display: flex; flex-direction: column; align-items: center;"> <div>TPH 8015M</div> <div>BTEX 8021B</div> <div>Chloride SM4500Cl-B</div> </div>																			
Address: 8911 Capital o Texas Hwy, Suite 2310										Company: Tetra Tech																													
City: Austin State: TX Zip:										Attn: Christian Llull																													
Phone #: (512)565-0190 Fax #:										Address: EMAIL																													
Project #: 212C-MD-03130 Project Owner: ConocoPhillips										City:																													
Project Name: Brinninstool Unit #003H										State: Zip:																													
Project Location: Lea County, New Mexico										Phone #:																													
Sampler Name: Colton Bickerstaff										Fax #:																													
FOR LAB USE ONLY																																							
Lab I.D.										Sample I.D.																													
										<div style="display: flex;"> <div style="flex: 1;"> (GRAB OR C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE/COOL OTHER: </div> <div style="flex: 1;"> MATRIX PRESERV. SAMPLING </div> </div>																													
										DATE										TIME																			
										TPH 8015M										BTEX 8021B																			
										Chloride SM4500Cl-B										HOLD																			
H232797										21 AH-11 (0-1')										G 1										X									
										22 AH-12 (0-1')										G 1										X									
										23 AH-13 (0-1')										G 1										X									
										24 AH-14 (0-1')										G 1										X									
										25 AH-3 (0-0.5')										G 1										X									
										26 AH-3 (0.5'-1') *										G 1										X									
										27 AH-4 (0-0.5')										G 1										X									
										28 AH-4 (0.5'-1') *										G 1										X									
										29 AH-5 (0-0.5')										G 1										X									
										30 AH-5 (0.5'-1') *										G 1										X									

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Relinquished By: Colton Bickerstaff		Date: 6/2/23	Received By: <i>[Signature]</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time: 11:55			All Results are emailed. Please provide Email address: Christian.Llull@tetratech.com			
Relinquished By:		Date:	Received By:		REMARKS: * analysis added as per client 6/7/23. Ch			
		Time:						
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <i>[Signature]</i>		Turbidity Time: Standard <input checked="" type="checkbox"/> Bacteria (only) Sample Condition Rush: N/A, Standard TAT <input type="checkbox"/> Cool Intact Observed Temp. °C Thermometer ID #113 Correction Factor -0.5°C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

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APPENDIX E

Photographic Documentation



Brinningstool unit #3H
11 May 2023, 13:19:17

TETRA TECH, INC. PROJECT NO. 212C-MD-03130	DESCRIPTION	View southeast of site signage.	1
	SITE NAME	Brinningstool Stool Unit #3H	5/11/2023



03 May 2023, 12:21:46

TETRA TECH, INC. PROJECT NO. 212C-MD-03130	DESCRIPTION	View north. Approximate release extent area prior to release.	2
	SITE NAME	Brinningstool Stool Unit #3H	5/3/2023



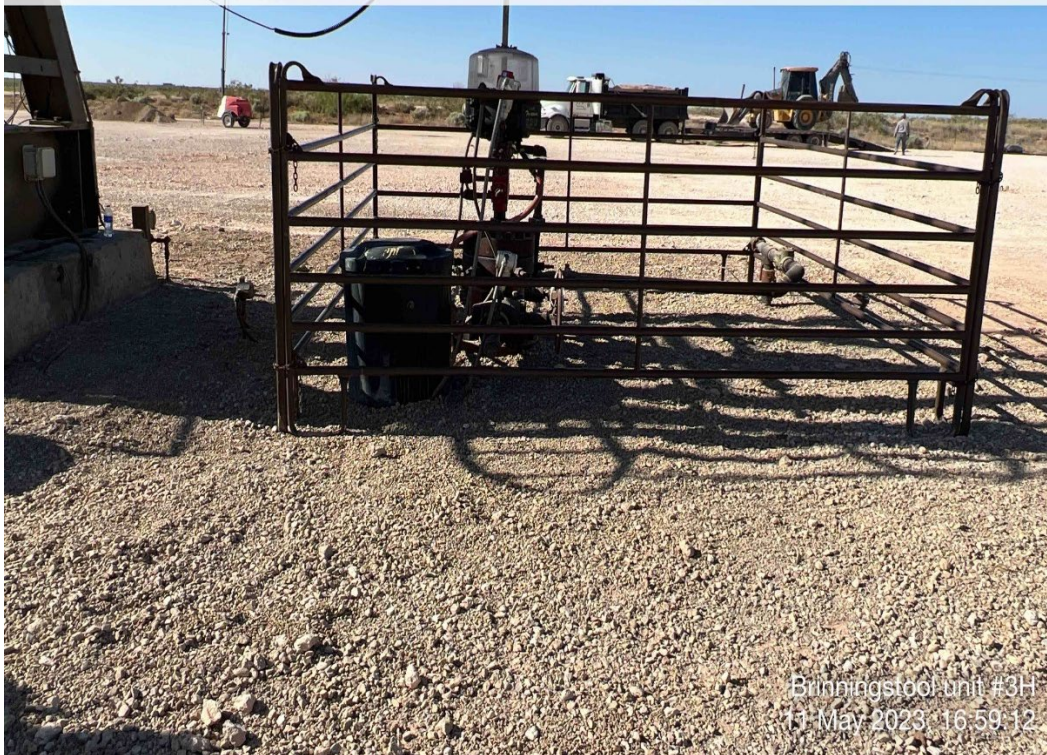
TETRA TECH, INC. PROJECT NO. 212C-MD-03130	DESCRIPTION	View north. Approximate release point and release extent.	3
	SITE NAME	Brinningstool Stool Unit #3H	1/16/2023



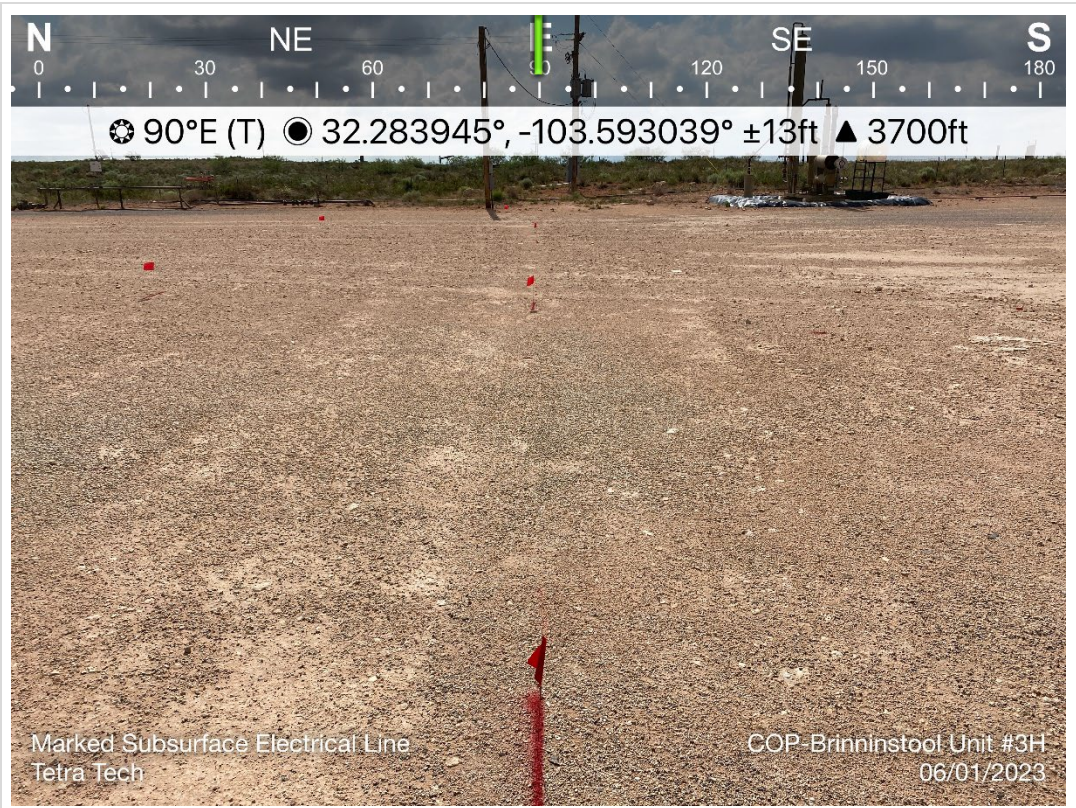
TETRA TECH, INC. PROJECT NO. 212C-MD-03130	DESCRIPTION	View north. Release Extent prior to surface scrap response efforts.	4
	SITE NAME	Brinningstool Stool Unit #3H	5/11/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03130	DESCRIPTION	View north. Initial response efforts depicting surface scrap.	5
	SITE NAME	Brinningstool Stool Unit #3H	5/11/2023



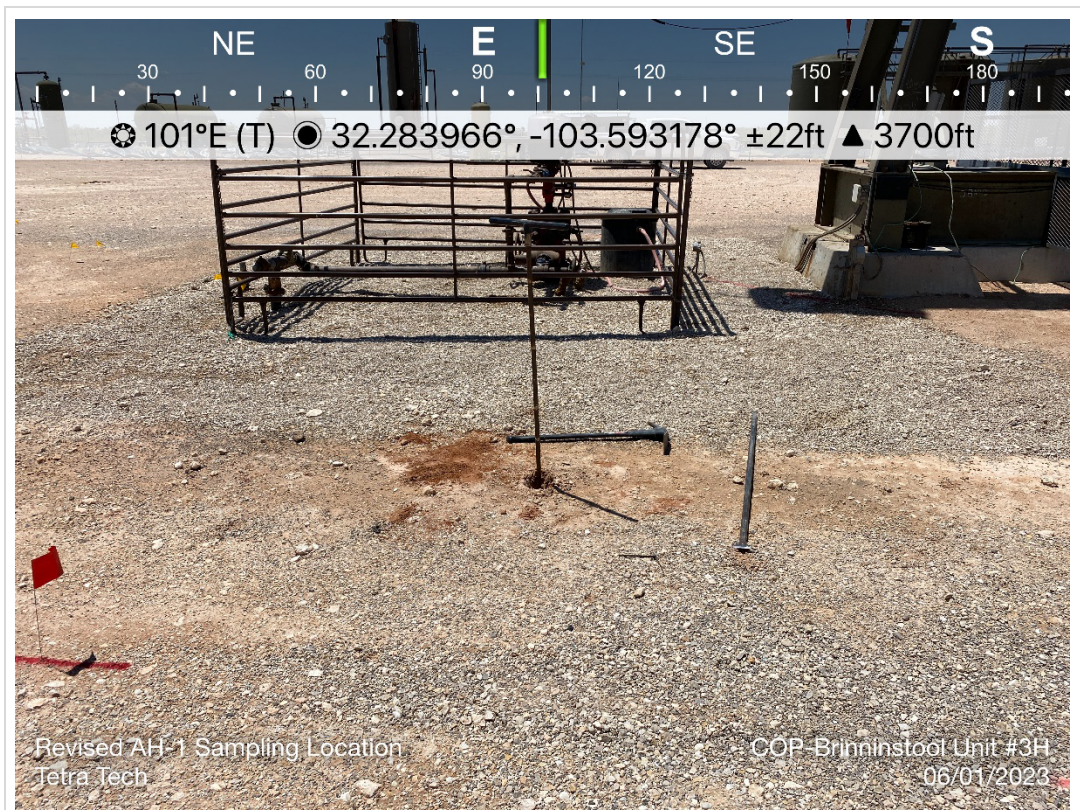
TETRA TECH, INC. PROJECT NO. 212C-MD-03130	DESCRIPTION	View north. Initial response efforts depicting surface scrap around release point.	6
	SITE NAME	Brinningstool Stool Unit #3H	5/11/2023



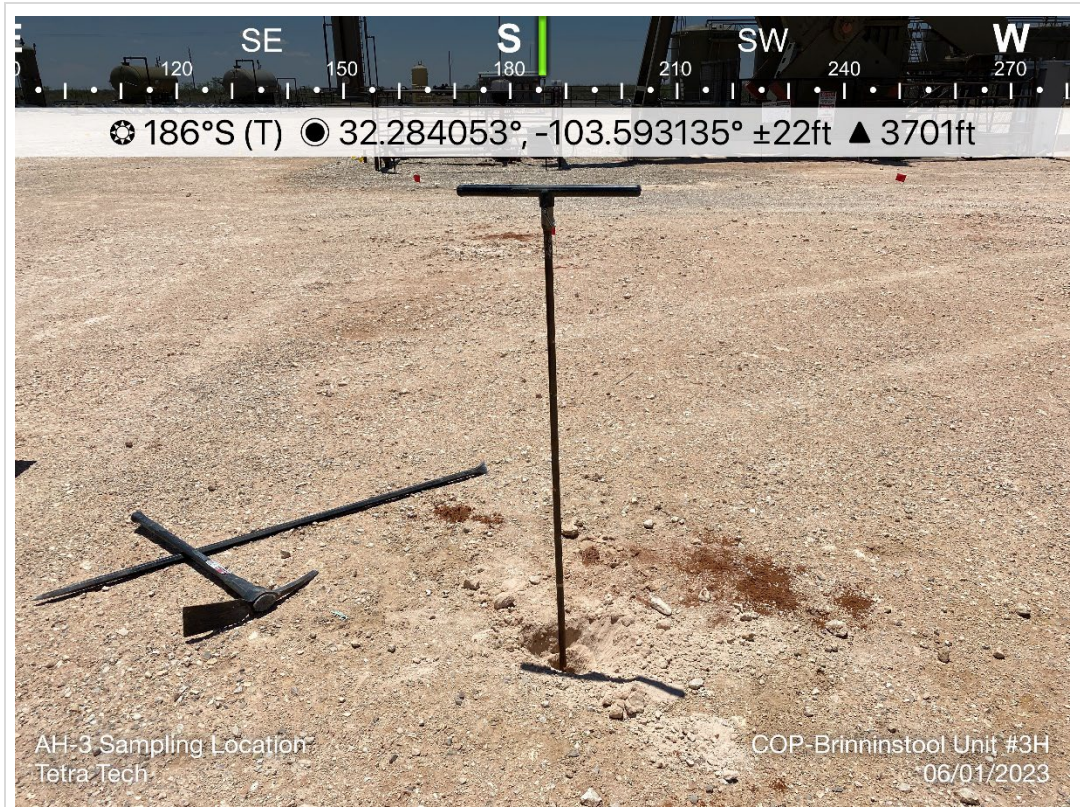
TETRA TECH, INC. PROJECT NO. 212C-MD-03130	DESCRIPTION	View east. Subsurface electrical lines.	7
	SITE NAME	Brinninstool Stool Unit #3H	6/1/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03130	DESCRIPTION	View northwest. Subsurface lines.	8
	SITE NAME	Brinninstool Stool Unit #3H	6/1/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03130	DESCRIPTION	View south. View depicting assessment (AH-1 sample location).	9
	SITE NAME	Brinninstool Stool Unit #3H	6/1/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-03130	DESCRIPTION	View south. View depicting assessment (HA-3 sample location).	10
	SITE NAME	Brinninstool Stool Unit #3H	6/1/2023

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 236326

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 236326
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Plan to inform operator that they did not meet 19.15.29.12D (1a) NMAC. Forbearance given on 09/27/2023. Release resolved.	9/27/2023