



December 2, 2024

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

**Re: Site Assessment and Closure Report
BTA Oil Producers, LLC
Mesa B 8115 JV P Com #002H Jet Pump Release
Unit Letter P, Section 07, Township 26 South, Range 33 East
DOR: 9/16/2024
Lea County, New Mexico
Incident ID: nAPP2426245843
API # 30-015-42125**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by BTA Oil Producers, LLC (BTA) to assess a release that occurred from a jet pump associated with the Mesa B 8115 JV P Com #002H (API# 30-015-42125) well. The release footprint is located within Public Land Survey System (PLSS) Unit Letter P, Section 07, Township 26 South, Range 33 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.051177°, -103.605920°, as shown on Figures 1 and 2.

BACKGROUND

According to the C-141 Initial Report, the release occurred on September 16, 2024, and was caused due to a leak from a hammer union and nipple associated with a temporary Jet Pump installation at the well pad. Approximately 21 barrels (bbls) of produced water were released, of which 20 bbls were recovered during initial response. The provided spill calculator indicates a release area of approximately 340 square feet. The New Mexico Oil Conservation Division (NMOCD) received the initial C-141 on September 18, 2024, and assigned the release the Incident ID nAPP2426245843. The C-141 is included in Appendix A.

SITE CHARACTERIZATION

According to the NMOCD Oil and Gas Map, the site is located on private land. A site characterization was performed in accordance with 19.15.29.11 New Mexico State Administrative Code (NMAC) and the guidance document Process Updates re: Submissions of Form C-141 Release Notification and Corrective Actions (12/01/2023).

A summary of the site characterization is presented below:

Shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (feet bgs)	89.5 feet bgs
Method used to determine the depth to ground water	NM OSE iWaters Database Search

Tetra Tech

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

Tel 432.682.4559

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www.tetrattech.com

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BTA Oil, LLC

Did this release impact groundwater or surface water?	No
What is the minimum distance between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	0.15 miles
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	> 5 miles
An occupied permanent residence, school, hospital, institution, or church	> 5 miles
A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes	> 5 miles
Any other fresh water well or spring	> 5 miles
Incorporated municipal boundaries or a defined municipal fresh water well field	> 5 miles
A wetland	0.29 miles
A subsurface mine	> 5 miles
A (non-karst) unstable area	0 miles
Categorized risk of this well / site being in a karst geology	Medium
A 100-year floodplain	> 5 miles
Did the release impact areas not on an exploration, development, production, or storage site?	No

According to the New Mexico Office of the State Engineer (NMOSE) reporting system, there is one well within a ½-mile (800-meter) radius of the Site, located approximately 0.2 miles (313 meters) north of the approximate release point. The well was drilled to a total depth of 112 feet bgs and has a recorded depth to groundwater of 89.5 feet bgs. 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 RRALs for the Site are as follows:

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

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BTA Oil, LLC

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

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

SITE ASSESSMENT

The approximate release extent presented in Figure 3 was identified based on observations made in the field. The release extent comprised an area of approximately 320 square feet. Photographic documentation of the release area is presented in Appendix C.

On September 24, 2024, Tetra Tech was onsite to conduct assessment activities on behalf of BTA. Five (5) hand auger borings (AH-1, AH-4, AH-5, AH-7, and AH-8) were installed from 1 to 4 feet bgs, respectively, within the release extent. Three (3) hand auger borings (AH-2, AH-3, and AH-6) were installed along the perimeter of the release extent to 1-foot and 2 feet bgs.

A total of sixteen (16) soil samples were sent to Cardinal Laboratories in Hobbs, New Mexico (Cardinal) to be analyzed for chloride via Standard Method 4500Cl-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. Analytical results associated with sample locations AH-4, AH-5, AH-7, and AH-8 exceeded the reclamation limit for TPH (100 mg/kg) and/or Chloride (600 mg/kg) in surface soils to depths ranging from 1 to 4 feet bgs. A copy of the laboratory analytical reports and chain-of-custody documentation are included in Appendix D.

On October 15, 2024, Tetra Tech remobilized to the Site to install two (2) additional hand auger borings (AH-9 and AH-10) to various depths ranging from 1-foot bgs to 8ft bgs to complete horizontal and vertical delineation of the release extent. Additionally, On October 22, 2024, Tetra Tech personnel oversaw the installation of one (1) soil trench (TS-1) to 10 feet bgs to complete vertical delineation of the release extent.

A total of five (15) soil samples were sent to Cardinal to be analyzed for chloride via Standard Method 4500Cl-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. A copy of the laboratory analytical reports and chain-of-custody documentation are included in Appendix D.

Analytical results from the September and October 2024 assessment activities are summarized in Table 1. Vertical and horizontal delineation was completed as a result of the assessment sampling events. The sampling locations are presented in Figure 3.

REMEDIATION ACTIVITIES AND CONFIRMATION SAMPLING

Tetra Tech personnel mobilized to the site to conduct remedial activities and confirmation sampling on October 24 through October 31, 2024. Based on the collected analytical results, BTA subcontractor excavated the release extent to a maximum depth of 4 feet bgs to remove impacted soils, as presented in Figure 4. Prior to confirmation sampling, in accordance with Subsection D of 19.15.29.12 NMAC, the NMOCD district office was notified via email on October 18, 2024. Copies of the regulatory correspondence are included in Appendix E.

All of the excavated material was transported offsite for proper disposal. Approximately three hundred (300) cubic yards of material were transported to the Northern Delaware Basin Landfill facility in Jal, New Mexico. Copies of the waste manifest documents are included in Appendix F.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify the efficacy of remediation activities. Confirmation samples were collected such that each

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BTA Oil, LLC

discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. Confirmation sidewall sample locations were labeled with "SW"-#, and confirmation floor sample locations were labeled with "FS"-#. Areas of excavation associated with exceedances of the Site RRALs were expanded horizontally. Iterative confirmation samples were located to encompass the original sample locations that triggered removal (nomenclature defined in Table 2) post-additional excavations.

A total of two (2) floor sample locations and three (3) sidewall sample locations were used during the remedial activities. Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. Laboratory analytical data is included in Appendix D.

The results of the 2024 confirmation sampling events are summarized in Table 2. Final analytical results for all confirmation soil samples (floor and sidewall) were below the applicable Site RRALs and reclamation limits for chloride, BTEX, and TPH.

CONCLUSION

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

This final site assessment and closure report details the release characterization, remediation activities, and the results of the assessment sampling. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the soil assessment or remedial activities for the Site, please call me at (512) 560-9064.

Sincerely,

Tetra Tech, Inc.



Nicholas Poole, G.I.T.
Project Manager



Samantha Allen
Project Lead

cc: Ray Ramos, BTA Oil Producers, LLC

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Site Assessment Map
- Figure 4 – Release Remediation and Confirmation Sampling Map

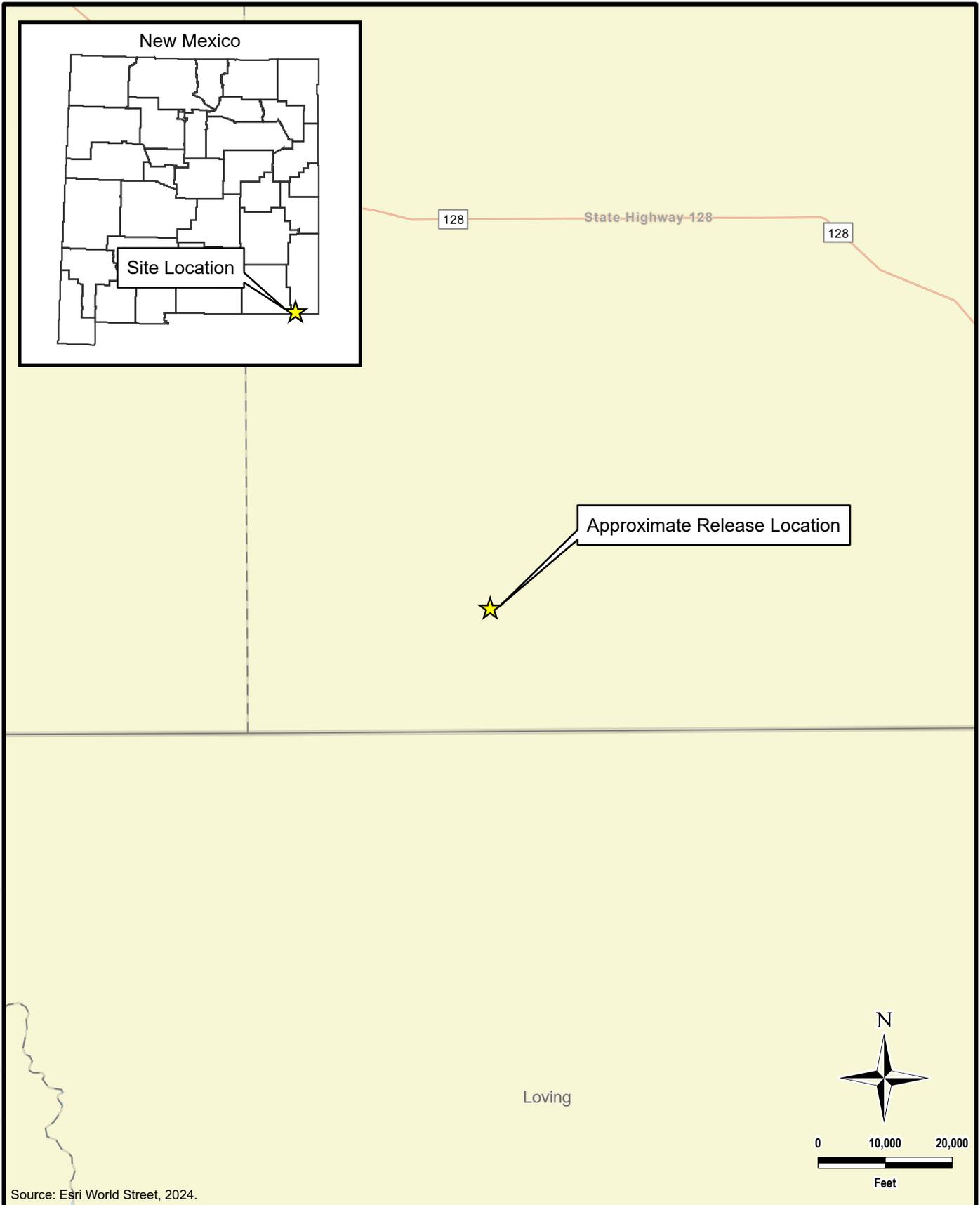
Tables:

- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Remediation

Appendices:

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

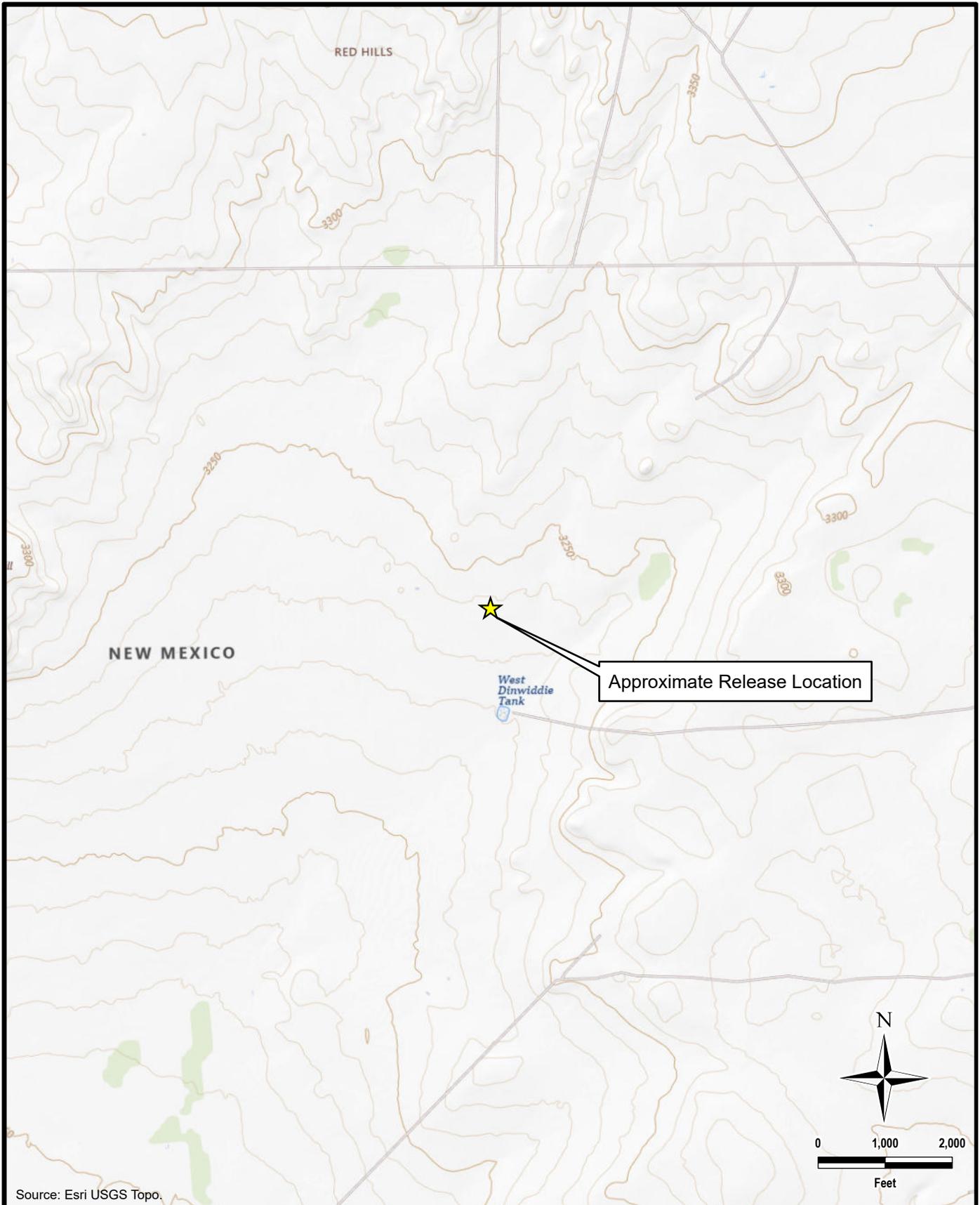
FIGURES



Source: Esri World Street, 2024.

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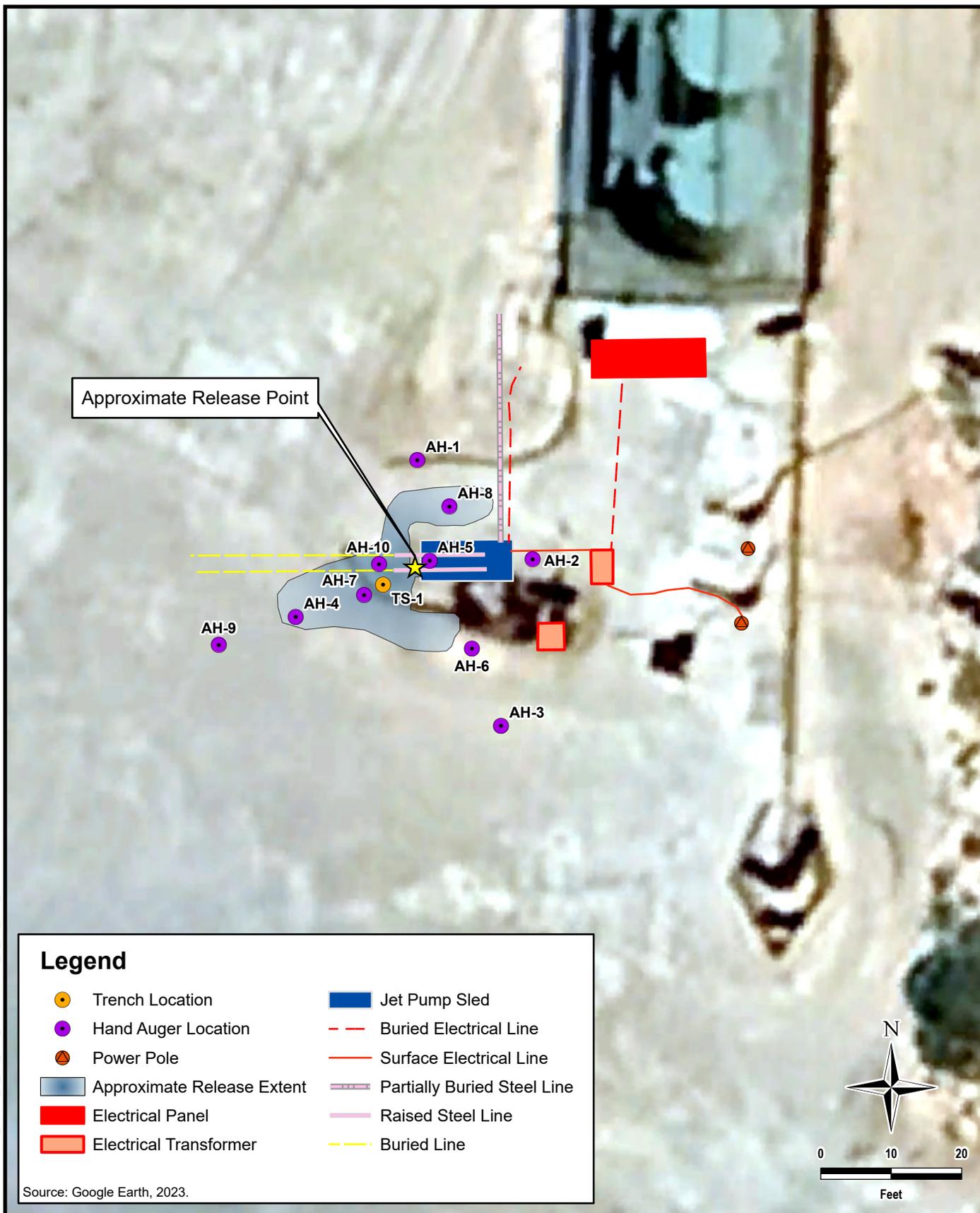
 TETRA TECH www.tetrattech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	BTA OIL PRODUCERS, LLC NAPP2426245843 (32.051177°, -103.605920°) LEA COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-03639 DATE: NOVEMBER 13, 2024 DESIGNED BY: LMV
	MESA B COM #2H JET PUMP OVERVIEW MAP	Figure No. 1



Source: Esri USGS Topo.

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 TETRA TECH www.tetrattech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	BTA OIL PRODUCERS, LLC NAPP2426245843 (32.051177°, -103.605920°) LEA COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-03639 DATE: NOVEMBER 13, 2024 DESIGNED BY: LMV
	MESA B COM #2H JET PUMP TOPOGRAPHIC MAP	Figure No. 2



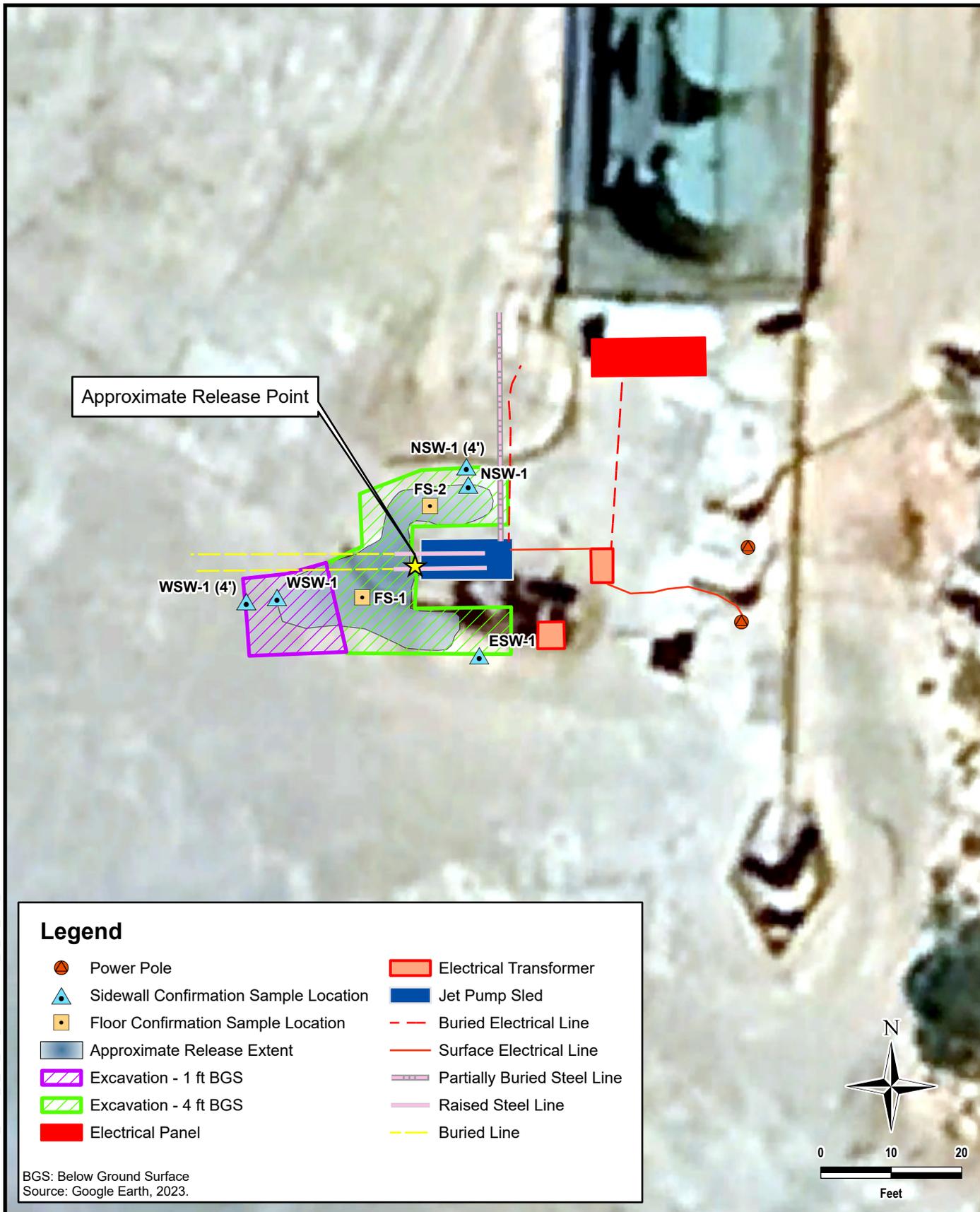
Legend

- Trench Location
- Hand Auger Location
- Power Pole
- Approximate Release Extent
- Electrical Panel
- Electrical Transformer
- Jet Pump Sled
- Buried Electrical Line
- Surface Electrical Line
- Partially Buried Steel Line
- Raised Steel Line
- Buried Line

Source: Google Earth, 2023.

DOCUMENT PATH: Y:\BTA\212C-MD-03639_MESA_B_2H_JET_PUMP\MESA_B_2H_JET_PUMP\APRX

<p>TETRA TECH</p> <p>www.tetrattech.com</p> <p>901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p>	<p>BTA OIL PRODUCERS, LLC</p> <p>NAPP2426245843 (32.051177°, -103.605920° LEA COUNTY, NEW MEXICO</p> <p>MESA B COM #2H JET PUMP APPROXIMATE RELEASE EXTENT AND SITE ASSESSMENT</p>	<p>PROJECT NO.: 212C-MD-03639</p> <p>DATE: NOVEMBER 13, 2024</p> <p>DESIGNED BY: LMV</p>
	<p>Figure No.</p> <p style="font-size: 24px; font-weight: bold;">3</p>	



Legend

- Power Pole
- Sidewall Confirmation Sample Location
- Floor Confirmation Sample Location
- Approximate Release Extent
- Excavation - 1 ft BGS
- Excavation - 4 ft BGS
- Electrical Panel
- Electrical Transformer
- Jet Pump Sled
- Buried Electrical Line
- Surface Electrical Line
- Partially Buried Steel Line
- Raised Steel Line
- Buried Line

BGS: Below Ground Surface
Source: Google Earth, 2023.

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 <p>TETRA TECH</p> <p>www.tetrattech.com</p> <p>901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946</p>	<p>BTA OIL PRODUCERS, LLC</p> <p>NAPP2426245843 (32.051177°, -103.605920° LEA COUNTY, NEW MEXICO</p>	<p>PROJECT NO.: 212C-MD-03639</p>
	<p>MESA B COM #2H JET PUMP REMEDICATION AND CONFIRMATION SAMPLING PLAN</p>	<p>DATE: NOVEMBER 13, 2024</p> <p>DESIGNED BY: LMV</p>
		<p>Figure No.</p> <p>4</p>

TABLES

TABLE 1
 SUMMARY OF ANALYTICAL RESULTS
 SOIL ASSESSMENT- nAPP2426245843
 BTA OIL, LLC
 Mesa B 2H Jet Pump
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results	Chloride		BTEX ²										TPH ³						
			Chloride			Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH
			ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
AH-1	9/24/2024	1	132	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-2	9/24/2024	1	222	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-3	9/24/2024	1	145	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-4	9/24/2024	1	250	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		158		65.4		223.4
AH-5	9/24/2024	0-1	-	16,000		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	6,100	6,260		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	7,220	6,260		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		3-4	9,430	7,060		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-6	9/24/2024	0-1	222	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	187	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-7	9/24/2024	0-1	7,720	5,860		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	7,260	6,400		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	3,770	2,560		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-8	9/24/2024	0-1	888	640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		1-2	7,570	4,880	QM-07	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	3,920	2,840		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-9	10/15/2024	0-1	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-10	10/15/2024	6-7	-	3,200		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		7-8	-	1,330		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
TS-1	10/22/2024	8-9	-	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		9-10	-	112		<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 SM4500CI-B
- 2 Method 8021B
- 3 Method 8015M

Bold and italicized values indicate exceedance of proposed RRALs

QUALIFIERS:

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

TABLE 2
 SUMMARY OF ANALYTICAL RESULTS
 SOIL REMEDIATION - nAPP2426245843
 BTA OIL, LLC
 Mesa B 2H Jet Pump
 LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEX ²								TPH ³								
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)
					mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	
FS-1	10/24/2024	4	1,440		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-2	10/24/2024	4	4,000		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
NSW-1*	10/24/2024	-	3,760		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		11.9		<10.0		11.9
NSW-1 (4)	10/31/2024	-	448		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
ESW-1	10/24/2024	-	224		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW-1*	10/24/2024	-	1,960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
WSW-1 (4)	10/31/2024	-	176		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-

NOTES:

- ft. Feet
- bgs Below ground surface
- mg/kg Milligrams per kilogram
- TPH Total Petroleum Hydrocarbons
- GRO Gasoline range organics
- DRO Diesel range organics
- 1 Method SM4500Cl-B
- 2 Method 8021B
- 3 Method 8015M

Bold and italicized values indicate exceedance of proposed Remediation RRALs and Reclamation Requirements.
 Gold highlight represents soil horizons that were removed during deepening of excavation floors.
 Green highlight represents soil intervals that were removed during horizontal expansion of excavation sidewalls.
 * These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in ().

APPENDIX A C-141 Forms

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

QUESTIONS

Action 384703

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 384703
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Mesa B 2H Jet Pump
Date Release Discovered	09/16/2024
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 21 BBL Recovered: 20 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	On September 16, 2024 at approximately 6:00 PM MDT, BTA personnel discovered a leak from a hammer union and nipple on a Jet Pump at the Mesa B 2H CTB. Approximately 21 BBLs of produced water were released, 20 BBLs were recovered during initial response.

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

QUESTIONS, Page 2

Action 384703

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 384703
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 384703

ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 384703
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that 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.
<input checked="" type="checkbox"/>	I acknowledge the fact that, 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.

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CONDITIONS

Action 384703

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 384703
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
nicholas poole	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/18/2024

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Release Location Name: Mesa B 2H Jet Pump

Date of Release: 9/16/2024

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here:

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0000 BBL WATER: 0.0000 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations					Standing Liquid Calculations				
Total Surface Area	width	length	wet soil depth	oil (%)	Standing Liquid Area	width	length	liquid depth	oil (%)
Rectangle Area #1	20.00 ft X	17.00 ft X	18.00 in	0.00%	Rectangle Area #1	16.00 ft X	12.00 ft X	3.00 in	0.00%
Rectangle Area #2	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #2	0.00 ft X	0.00 ft X	0.00 in	0.00%
Rectangle Area #3	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #3	0.00 ft X	0.00 ft X	0.00 in	0.00%
Rectangle Area #4	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #4	0.00 ft X	0.00 ft X	0.00 in	0.00%
Rectangle Area #5	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #5	0.00 ft X	0.00 ft X	0.00 in	0.00%
Rectangle Area #6	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #6	0.00 ft X	0.00 ft X	0.00 in	0.00%
Rectangle Area #7	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #7	0.00 ft X	0.00 ft X	0.00 in	0.00%
Rectangle Area #8	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #8	0.00 ft X	0.00 ft X	0.00 in	0.00%

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil _____ BBL Water _____ BBL

Did leak occur before the separator?: YES N/A (place an "X")

Amount of Free Liquid Recovered: 20 BBL **okay**

Percentage of Oil in Free Liquid Recovered: 0.00% (percentage)

Liquid holding factor *: 0.14 gal per gal

Use the following when the spill wets the grains of the soil.

Use the following when the liquid completely fills the pore space of the soil.

* sand = .08 gallon liquid per gallon volume of soil.

Occurs when the spill soaked soil is contained by barriers, natural (or not).

* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.

* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.

* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.

* sandy loam = .5 gallon liquid per gallon volume of soil.

* clay loam = .16 gallon liquid per gallon volume of soil.

Saturated Soil Volume Calculations:

Total Solid/Liquid Volume: **340** sq. ft. **510** cu. ft. **OIL** cu. ft.

Free Liquid Volume Calculations:

Total Free Liquid Volume: **192** sq. ft. **48** cu. ft. **OIL** cu. ft.

Estimated Volumes Spilled

Liquid in Soil: **12.7** BBL **OIL** 0.0 BBL
 Free Liquid: **8.5** BBL **OIL** 0.0 BBL
 Totals: **21.3** BBL **OIL** 0.0 BBL

Estimated Production Volumes Lost

Estimated Production Spilled: **0.0** BBL **OIL** 0.0 BBL

Estimated Surface Damage

Surface Area: **340** sq. ft.
 Surface Area: **.0078** acre

Recovered Volumes

Estimated oil recovered: **0.0** BBL **check - okay**
 Estimated water recovered: **20.0** BBL **check - okay**

Estimated Weights, and Volumes

Saturated Soil = **57,120** lbs **510** cu. ft. **19** cu. yds.
 Total Liquid = **21** BBL **893** gallon **7,431** lbs

NM OCD - Permian Basin Karst Areas

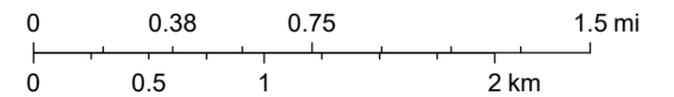


9/18/2024, 1:11:24 PM

Karst Occurrence Potential

- Medium
- Low

1:36,112

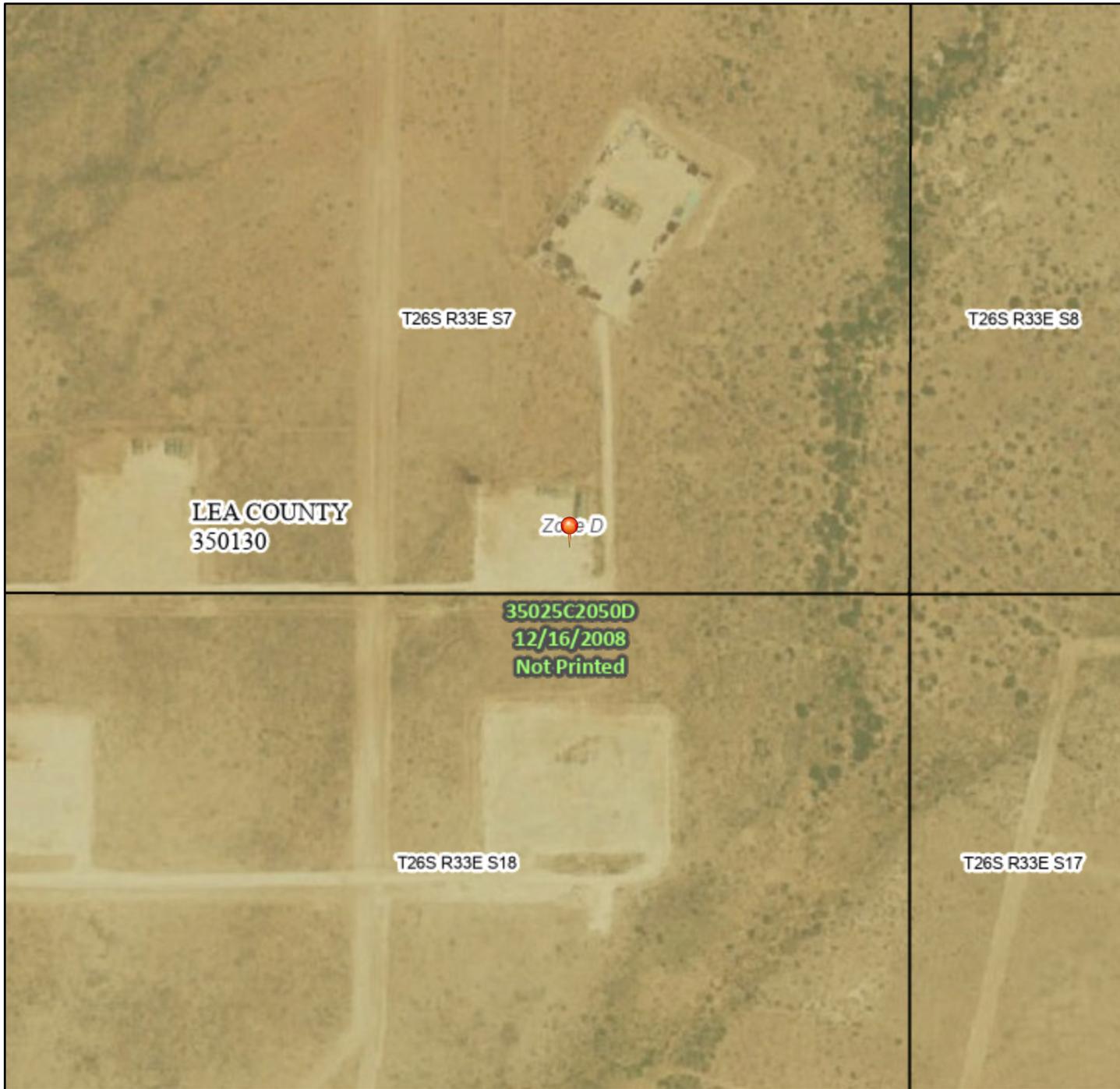


BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Maxar

National Flood Hazard Layer FIRMette



103°36'40"W 32°3'20"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
- OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
- MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/18/2024 at 2:24 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Released to Imaging: 12/23/2024 @ 3:10:12 PM

1:6,000

103°36'3"W 32°2'49"N

NM OCD - Surface Ownership



9/18/2024, 1:12:05 PM

Mineral Ownership

A-All minerals are owned by U.S.

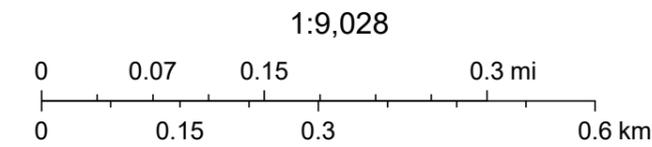
N-No minerals are owned by the U.S.

Land Ownership

BLM

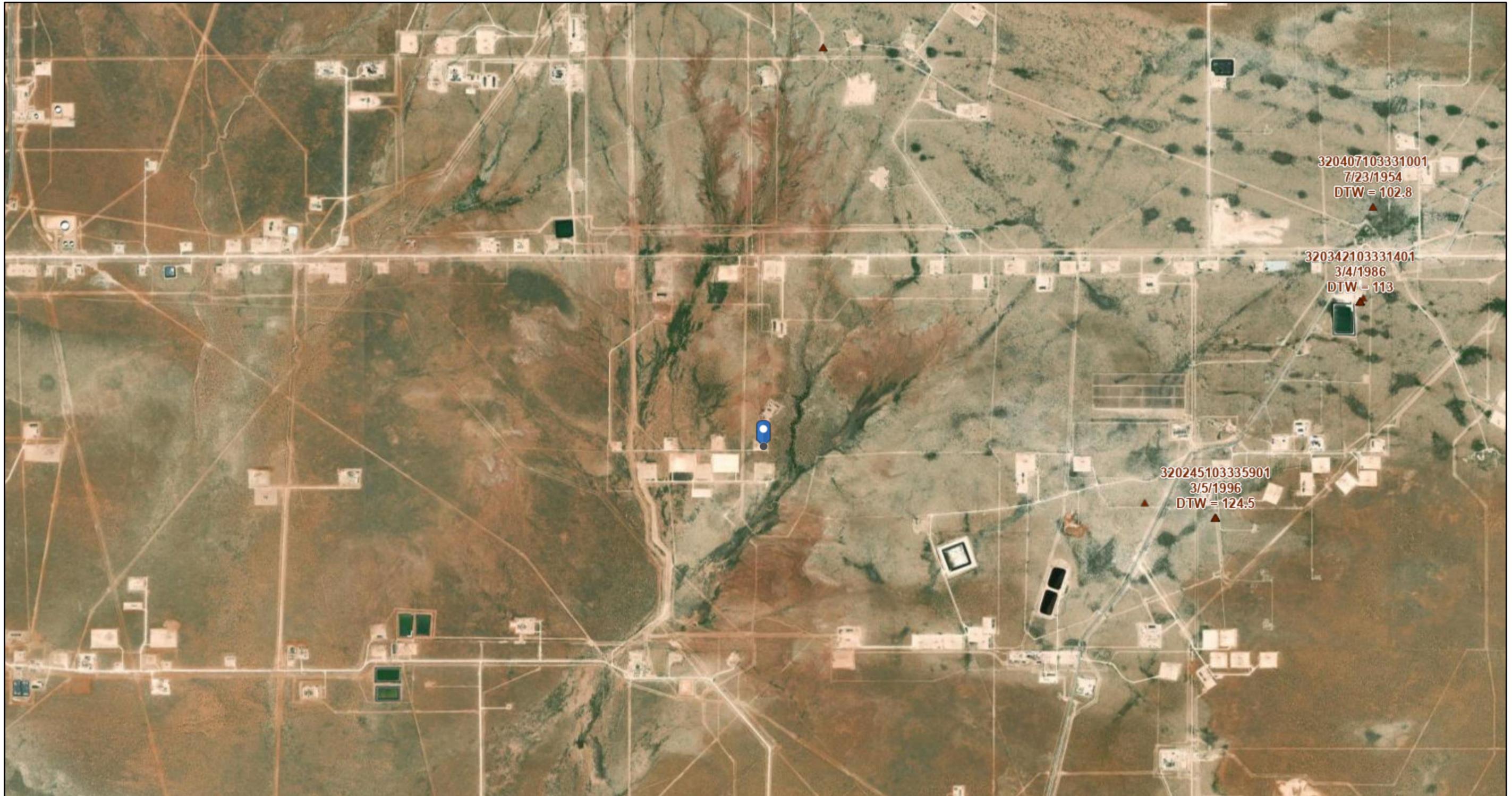
P

S



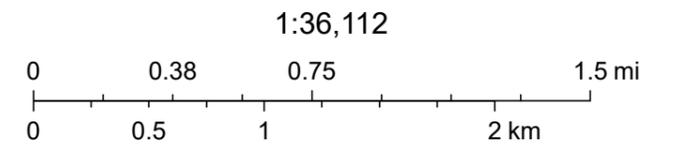
U.S. BLM, Esri, HERE, Garmin, IPC, Maxar

NM OCD - USGS Groundwater Wells



9/18/2024, 1:19:25 PM

▲ USGS Historical GW Wells



Esri, HERE, Garmin, USGS, Maxar

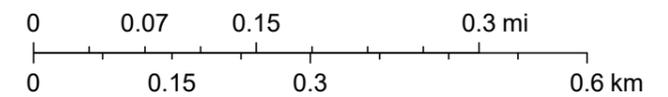
NM OCD - Waterbodies



9/18/2024, 1:20:28 PM

— OSE Streams

1:9,028



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

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QUESTIONS

Action 384711

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 384711
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426245843
Incident Name	NAPP2426245843 MESA B 2H JET PUMP @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2129922900] Mesa B 2H

Location of Release Source

Please answer all the questions in this group.

Site Name	Mesa B 2H Jet Pump
Date Release Discovered	09/16/2024
Surface Owner	Private

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 21 BBL Recovered: 20 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.

Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	On September 16, 2024 at approximately 6:00 PM MDT, BTA personnel discovered a leak from a hammer union and nipple on a Jet Pump at the Mesa B 2H CTB. Approximately 21 BBLs of produced water were released, 20 BBLs were recovered during initial response.
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QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 384711
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Nicholas Poole Title: with Tetrtech Email: nicholas.poole@tetrtech.com Date: 09/18/2024
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QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 384711
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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CONDITIONS
 Action 384711

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 384711
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	None	9/18/2024

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: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX B

Site Characterization Data

NM OCD - Surface Ownership



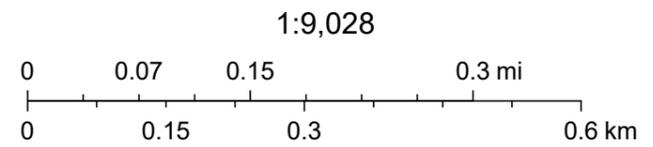
9/18/2024, 1:12:05 PM

Mineral Ownership

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

Land Ownership

- BLM
- P
- S



U.S. BLM, Esri, HERE, Garmin, IPC, Maxar



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DTI AUG 2 2021 PM 4:44

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (MW-1)		WELL TAG ID NO. n/a		OSE FILE NO(S). C-4547		
	WELL OWNER NAME(S) BTA Oil Producers				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 104 S. Pecos St.				CITY Midland	STATE TX	ZIP 79701
	WELL LOCATION (FROM GPS)	DEGREES 32		MINUTES 3	SECONDS 14.34	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LATITUDE N		LONGITUDE W			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE SE SE Sec. 07 T26S R33E							

2. DRILLING & CASING INFORMATION	LICENSE NO. 1249	NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.			
	DRILLING STARTED 07/15/2021	DRILLING ENDED 07/15/2021	DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 112	DEPTH WATER FIRST ENCOUNTERED (FT) unknown			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 89.5			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	21	±8.5	Boring- HSA	--	--	--	--
	21	112	±3.5	Boring- Air Rotary	--	--	--	--

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. C-4547	POD NO. 1	TRN NO. 698291
LOCATION 26S-33E-07	4-4-2	WELL TAG ID NO. NA

2021-07-28_C-4547_POD1_OSE_Well Record and Log_mesa1-for sign

Final Audit Report

2021-07-29

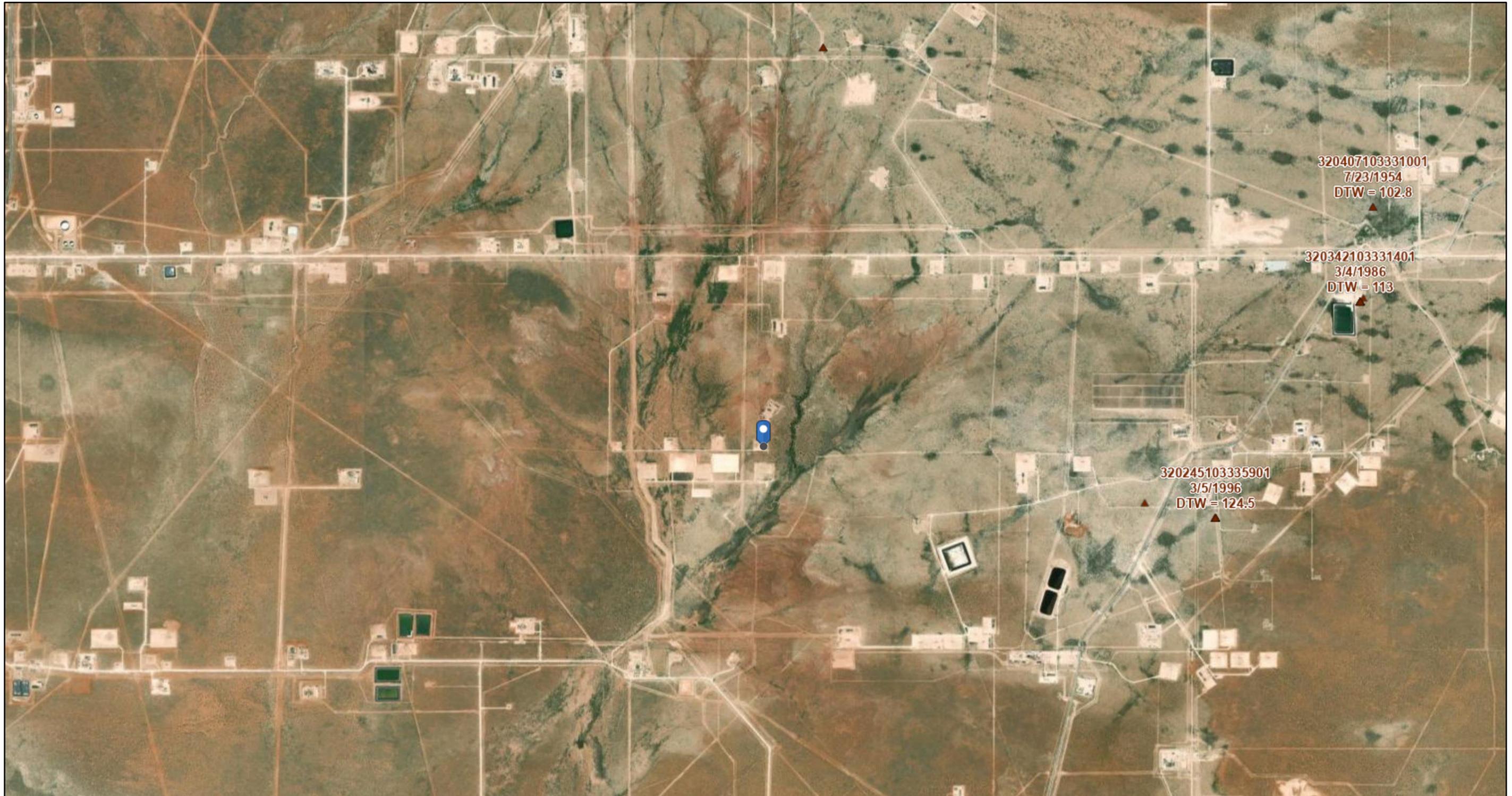
Created:	2021-07-29	OSE DJT AUG 2 2021 PM4:44
By:	Lucas Middleton (lucas@atkinseng.com)	
Status:	Signed	
Transaction ID:	CBJCHBCAABAA3aQOFUKeCXoHbozKpK1XeoMdl53lwclm	

"2021-07-28_C-4547_POD1_OSE_Well Record and Log_mesa1-for sign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2021-07-29 - 8:40:54 PM GMT- IP address: 69.21.248.123
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2021-07-29 - 8:41:43 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2021-07-29 - 8:43:29 PM GMT- IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2021-07-29 - 8:44:00 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.
2021-07-29 - 8:44:00 PM GMT

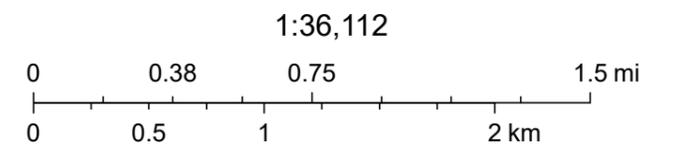


NM OCD - USGS Groundwater Wells



9/18/2024, 1:19:25 PM

▲ USGS Historical GW Wells



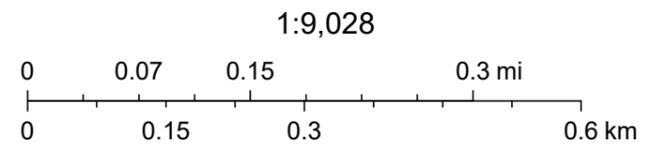
Esri, HERE, Garmin, USGS, Maxar

NM OCD - Waterbodies



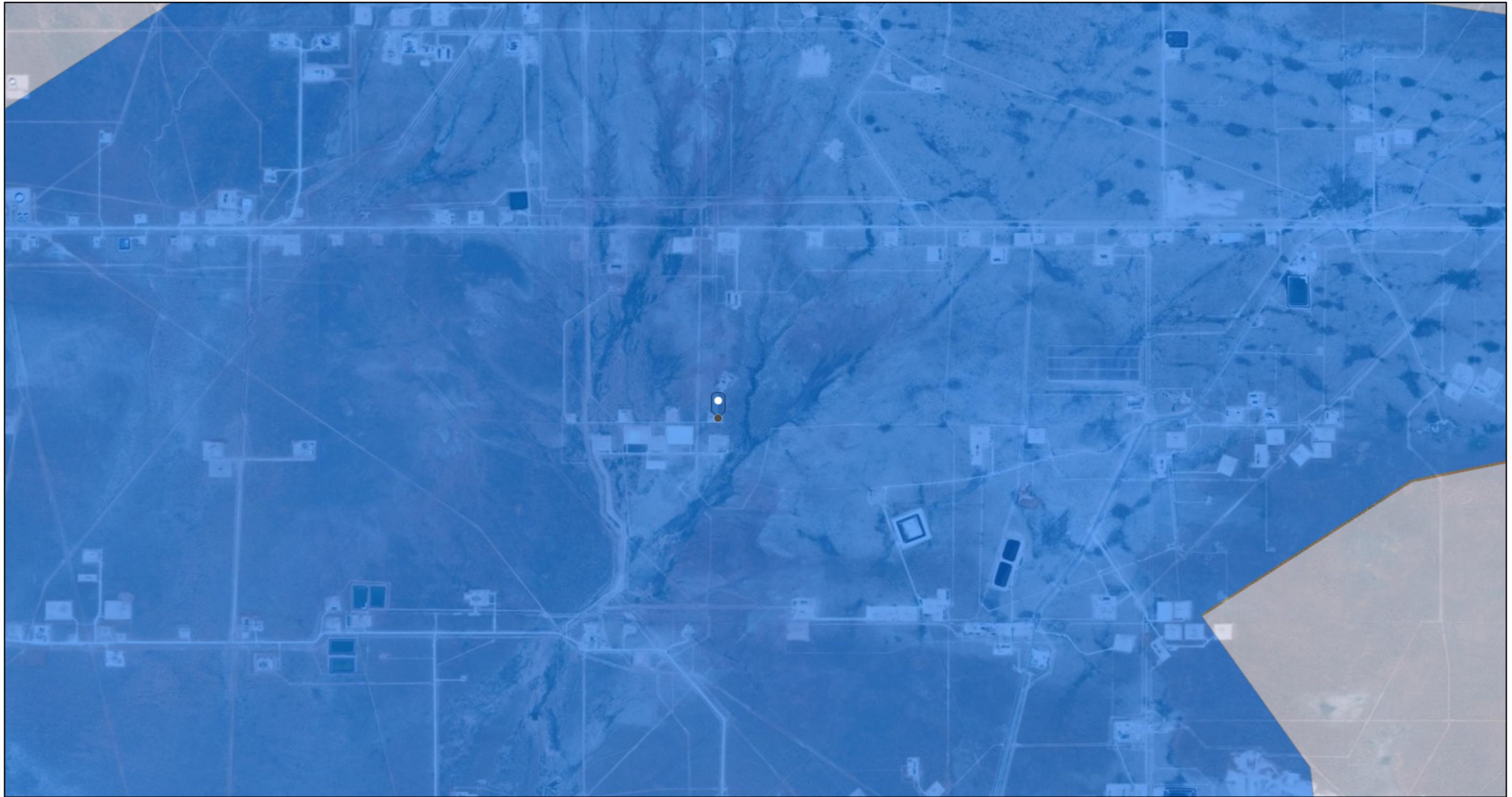
9/18/2024, 1:20:28 PM

— OSE Streams



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

NM OCD - Permian Basin Karst Areas

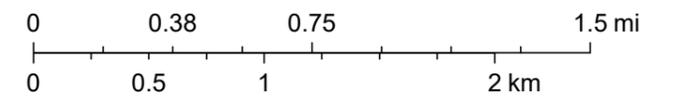


9/18/2024, 1:11:24 PM

Karst Occurrence Potential

- Medium
- Low

1:36,112



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

National Flood Hazard Layer FIRMMette



103°36'40"W 32°3'20"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
- OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
- MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 9/18/2024 at 2:24 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

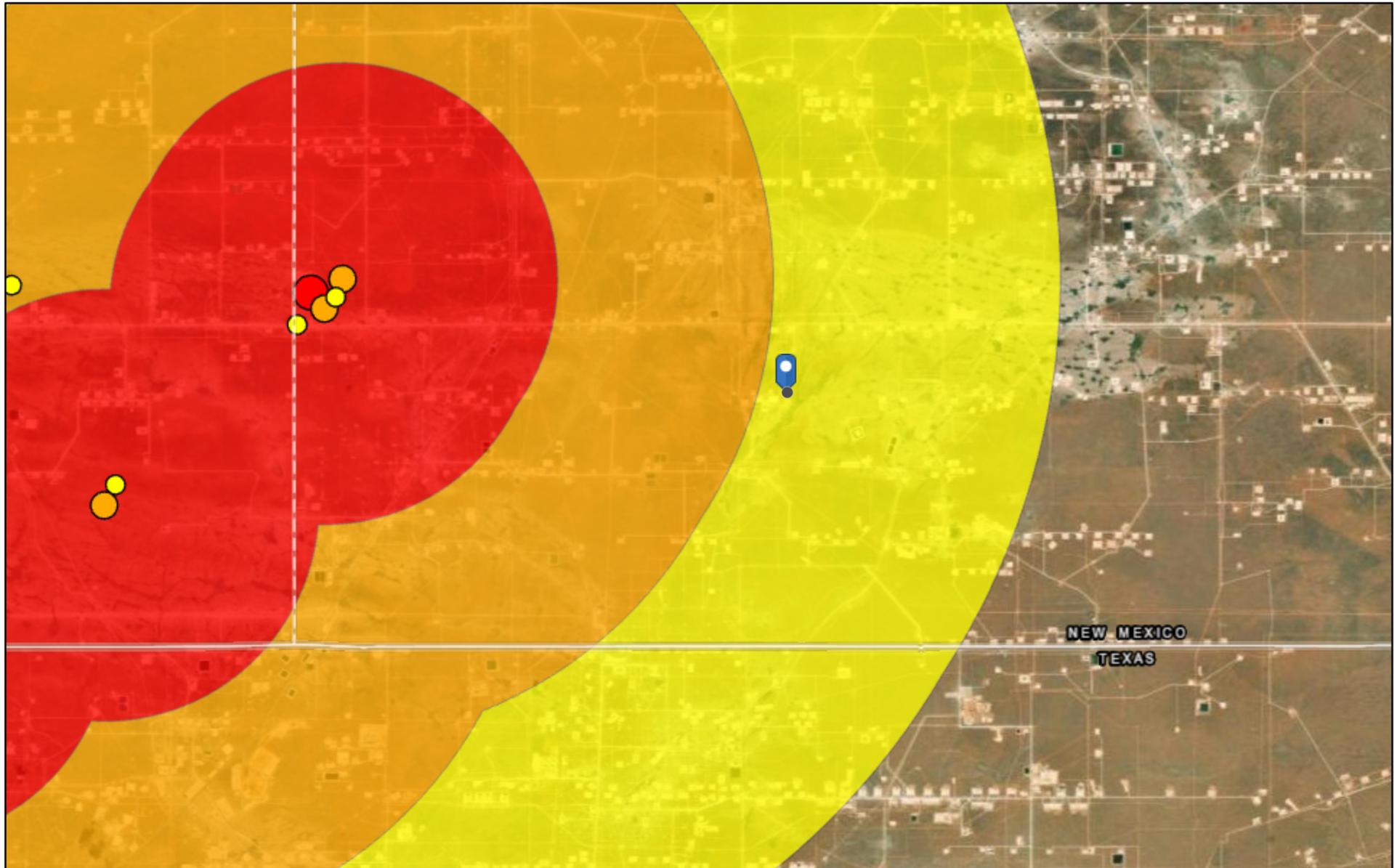
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Released to Imaging: 12/23/2024 9:10:12 PM

1:6,000

103°36'3"W 32°2'49"N

OCD Seismicity Area



11/7/2024, 2:06:20 PM

Seismic Response 3.0 to 3.4

3 mi.

6 mi.

10 mi.

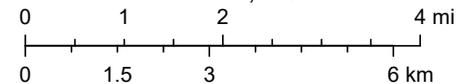
M2.5+ Earthquakes (2021+)

2.5 - 2.9

3.0 - 3.4

3.5 and above

1:144,448



Oil Conservation Division (OCD), Energy, Minerals and Natural Resources Department (EMNRD), Esri, HERE, Garmin, Earthstar Geographics

New Mexico Oil Conservation Division

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

APPENDIX C

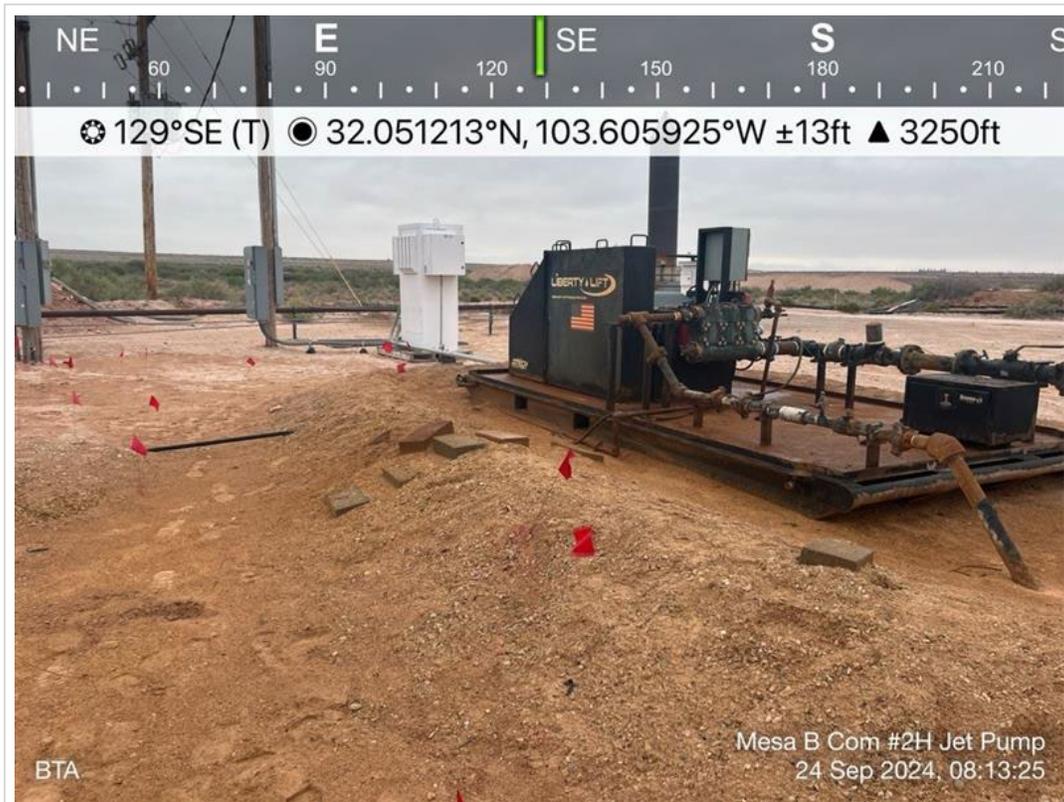
Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-03639	DESCRIPTION	View north-northeast of site signage. Mesa B #2 Battery.	1
	SITE NAME	Mesa B 8115 JV P Com #002H Jet Pump Release	9/24/2024



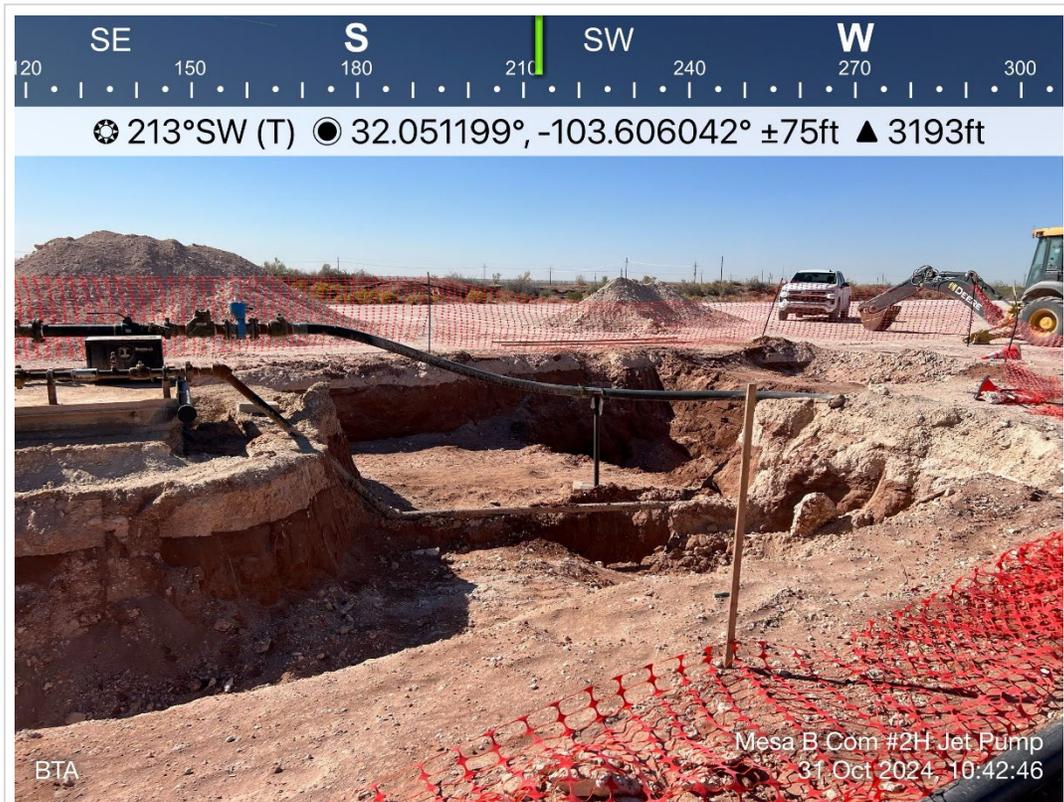
TETRA TECH, INC. PROJECT NO. 212C-MD-03639	DESCRIPTION	View south-southwest of jet pump and associated production equipment. View of marked subsurface utilities.	2
	SITE NAME	Mesa B 8115 JV P Com #002H Jet Pump Release	9/24/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03639	DESCRIPTION	View southeast of jet pump and associated production equipment. View of marked subsurface utilities.	3
	SITE NAME	Mesa B 8115 JV P Com #002H Jet Pump Release	9/24/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03639	DESCRIPTION	View east-southeast of excavation progress in vicinity of jet pump.	4
	SITE NAME	EXXON 8 FEDERAL #001 Release	10/31/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03639	DESCRIPTION	View south-southwest of excavation progress in vicinity of jet pump.	5
	SITE NAME	Mesa B 8115 JV P Com #002H Jet Pump Release	10/31/2024



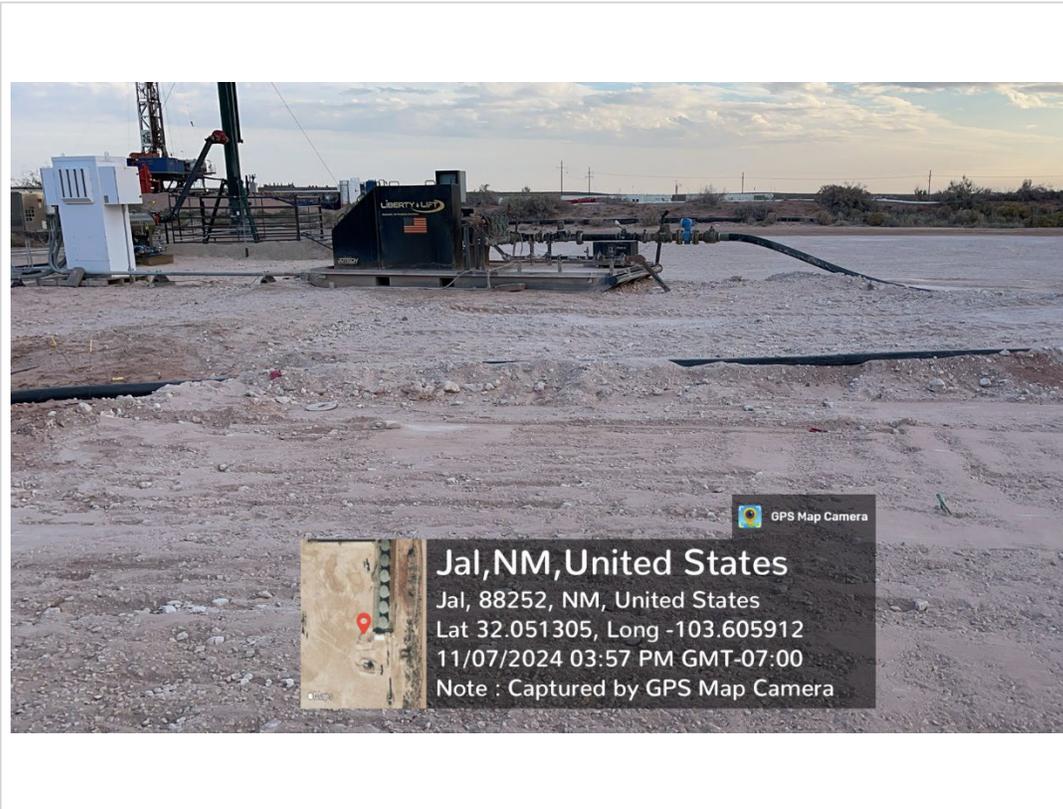
TETRA TECH, INC. PROJECT NO. 212C-MD-03639	DESCRIPTION	View of excavation progress in vicinity of jet pump.	6
	SITE NAME	Mesa B 8115 JV P Com #002H Jet Pump Release	10/31/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-003639	DESCRIPTION	View of completed and backfilled excavation.	7
	SITE NAME	Mesa B 8115 JV P Com #002H Jet Pump Release	11/7/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03639	DESCRIPTION	View of completed and backfilled excavation.	8
	SITE NAME	Mesa B 8115 JV P Com #002H Jet Pump Release	11/7/2024



GPS Map Camera

Jal, NM, United States
 Jal, 88252, NM, United States
 Lat 32.051305, Long -103.605912
 11/07/2024 03:57 PM GMT-07:00
 Note : Captured by GPS Map Camera

TETRA TECH, INC. PROJECT NO. 212C-MD-03639	DESCRIPTION	View of completed and backfilled excavation.	9
	SITE NAME	Mesa B 8115 JV P Com #002H Jet Pump Release	11/7/2024

APPENDIX D

Laboratory Analytical Data



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

September 25, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MESA B COM #2H JET PUMP

Enclosed are the results of analyses for samples received by the laboratory on 09/24/24 14:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 1 @ 1' (H245796-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.19	110	2.00	1.02	
Toluene*	<0.050	0.050	09/24/2024	ND	2.16	108	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	112	2.00	8.05	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.73	112	6.00	8.50	
Total BTEX	<0.300	0.300	09/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/25/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	229	115	200	3.54	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	226	113	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 2 @ 1' (H245796-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.19	110	2.00	1.02	
Toluene*	<0.050	0.050	09/24/2024	ND	2.16	108	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	112	2.00	8.05	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.73	112	6.00	8.50	
Total BTEX	<0.300	0.300	09/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	09/25/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	229	115	200	3.54	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	226	113	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 3 @ 1' (H245796-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.19	110	2.00	1.02	
Toluene*	<0.050	0.050	09/24/2024	ND	2.16	108	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	2.25	112	2.00	8.05	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	6.73	112	6.00	8.50	
Total BTEX	<0.300	0.300	09/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/25/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	229	115	200	3.54	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	226	113	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 4 @ 1' (H245796-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/25/2024	ND	2.19	110	2.00	1.02		
Toluene*	<0.050	0.050	09/25/2024	ND	2.16	108	2.00	5.53		
Ethylbenzene*	<0.050	0.050	09/25/2024	ND	2.25	112	2.00	8.05		
Total Xylenes*	<0.150	0.150	09/25/2024	ND	6.73	112	6.00	8.50		
Total BTEX	<0.300	0.300	09/25/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/25/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	229	115	200	3.54		
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	226	113	200	4.69		
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 5 @ 0-1' (H245796-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/25/2024	ND	2.19	110	2.00	1.02	
Toluene*	<0.050	0.050	09/25/2024	ND	2.16	108	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/25/2024	ND	2.25	112	2.00	8.05	
Total Xylenes*	<0.150	0.150	09/25/2024	ND	6.73	112	6.00	8.50	
Total BTEX	<0.300	0.300	09/25/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16000	16.0	09/25/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	229	115	200	3.54	
DRO >C10-C28*	158	10.0	09/24/2024	ND	226	113	200	4.69	
EXT DRO >C28-C36	65.4	10.0	09/24/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 5 @ 1-2' (H245796-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/24/2024	ND	2.11	106	2.00	6.80		
Toluene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	8.47		
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	1.94	97.0	2.00	9.44		
Total Xylenes*	<0.150	0.150	09/24/2024	ND	5.88	98.0	6.00	8.96		
Total BTEX	<0.300	0.300	09/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6260	16.0	09/25/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	229	115	200	3.54		
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	226	113	200	4.69		
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 5 @ 2-3' (H245796-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.11	106	2.00	6.80	
Toluene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	8.47	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	1.94	97.0	2.00	9.44	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	5.88	98.0	6.00	8.96	
Total BTEX	<0.300	0.300	09/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6260	16.0	09/25/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	229	115	200	3.54	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	226	113	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 5 @ 3-4' (H245796-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.11	106	2.00	6.80	
Toluene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	8.47	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	1.94	97.0	2.00	9.44	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	5.88	98.0	6.00	8.96	
Total BTEX	<0.300	0.300	09/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7060	16.0	09/25/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	229	115	200	3.54	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	226	113	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 6 @ 0-1' (H245796-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.11	106	2.00	6.80	
Toluene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	8.47	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	1.94	97.0	2.00	9.44	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	5.88	98.0	6.00	8.96	
Total BTEX	<0.300	0.300	09/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/25/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	229	115	200	3.54	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	226	113	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 6 @ 1-2' (H245796-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/24/2024	ND	2.11	106	2.00	6.80		
Toluene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	8.47		
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	1.94	97.0	2.00	9.44		
Total Xylenes*	<0.150	0.150	09/24/2024	ND	5.88	98.0	6.00	8.96		
Total BTEX	<0.300	0.300	09/24/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/25/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/25/2024	ND	229	115	200	3.54		
DRO >C10-C28*	<10.0	10.0	09/25/2024	ND	226	113	200	4.69		
EXT DRO >C28-C36	<10.0	10.0	09/25/2024	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 7 @ 0-1' (H245796-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.11	106	2.00	6.80	
Toluene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	8.47	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	1.94	97.0	2.00	9.44	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	5.88	98.0	6.00	8.96	
Total BTEX	<0.300	0.300	09/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5860	16.0	09/25/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/25/2024	ND	229	115	200	3.54	
DRO >C10-C28*	<10.0	10.0	09/25/2024	ND	226	113	200	4.69	
EXT DRO >C28-C36	<10.0	10.0	09/25/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 7 @ 1-2' (H245796-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.11	106	2.00	6.80	
Toluene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	8.47	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	1.94	97.0	2.00	9.44	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	5.88	98.0	6.00	8.96	
Total BTEX	<0.300	0.300	09/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6400	16.0	09/25/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	218	109	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	229	115	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 7 @ 2-3' (H245796-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.11	106	2.00	6.80	
Toluene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	8.47	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	1.94	97.0	2.00	9.44	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	5.88	98.0	6.00	8.96	
Total BTEX	<0.300	0.300	09/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	09/25/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	218	109	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	229	115	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 8 @ 0-1' (H245796-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.11	106	2.00	6.80	
Toluene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	8.47	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	1.94	97.0	2.00	9.44	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	5.88	98.0	6.00	8.96	
Total BTEX	<0.300	0.300	09/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	09/25/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	218	109	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	229	115	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 8 @ 1-2' (H245796-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/24/2024	ND	2.11	106	2.00	6.80		
Toluene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	8.47		
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	1.94	97.0	2.00	9.44		
Total Xylenes*	<0.150	0.150	09/24/2024	ND	5.88	98.0	6.00	8.96		
Total BTEX	<0.300	0.300	09/24/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4880	16.0	09/25/2024	ND	416	104	400	3.92	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	218	109	200	1.19		
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	229	115	200	1.81		
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND						

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/24/2024	Sampling Date:	09/24/2024
Reported:	09/25/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH 8 @ 2-3' (H245796-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/24/2024	ND	2.11	106	2.00	6.80	
Toluene*	<0.050	0.050	09/24/2024	ND	1.96	98.0	2.00	8.47	
Ethylbenzene*	<0.050	0.050	09/24/2024	ND	1.94	97.0	2.00	9.44	
Total Xylenes*	<0.150	0.150	09/24/2024	ND	5.88	98.0	6.00	8.96	
Total BTEX	<0.300	0.300	09/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	09/25/2024	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2024	ND	218	109	200	1.19	
DRO >C10-C28*	<10.0	10.0	09/24/2024	ND	229	115	200	1.81	
EXT DRO >C28-C36	<10.0	10.0	09/24/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>John Tech</u> Project Manager: <u>Richard Kool</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: <u>13937</u> - Project Owner: _____ Project Name: <u>Mesa 8 Com #24 Jet Pump</u> Project Location: <u>Lea County</u> Sampler Name: <u>Gilbert Sander</u>		P.O. #: _____ Company: <u>BTA</u> Attn: <u>Ray Ramos</u> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. _____ Sample I.D. _____ HAK579U AH101' AH201' AH301' AH401' AH500-1' AH500-2' AH502-3' AH503-4' AH600-1' AH601-2'		(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : _____ ACID/BASE: ICE / COOL OTHER : _____	MATRIX PRESERV: SAMPLING DATE TIME 9:24 9:30 9:40 9:50 10:00 10:15 10:22 10:34 10:46 11:02 11:13
Relinquished By: <u>Gilbert Sander</u> Date: <u>9-29-24</u> Time: <u>11:14</u> Received By: <u>Ray Ramos</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: _____ REMARKS: _____	
Delivered By: (Circle One) UPS - Bus - Other: _____ Observed Temp. °C: <u>44.0</u> Corrected Temp. °C: <u>38.2</u>		Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Checked By: <u>RP</u> Turnaround Time: <u>Standard</u> <input type="checkbox"/> <u>Rush</u> <input checked="" type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Observed Temp. °C Corrected Temp. °C	



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

October 21, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MESA B COM #2H JET PUMP

Enclosed are the results of analyses for samples received by the laboratory on 10/15/24 16:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/15/2024	Sampling Date:	10/15/2024
Reported:	10/21/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937 (212C-MD-03639)	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH - 9 (0-1') (H246292-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2024	ND	2.29	115	2.00	2.20	
Toluene*	<0.050	0.050	10/18/2024	ND	2.32	116	2.00	3.25	
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.34	117	2.00	4.21	
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.93	115	6.00	4.09	
Total BTEX	<0.300	0.300	10/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/18/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2024	ND	204	102	200	1.52	
DRO >C10-C28*	<10.0	10.0	10/17/2024	ND	192	96.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/17/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/15/2024	Sampling Date:	10/15/2024
Reported:	10/21/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937 (212C-MD-03639)	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH - 10 (6'-7') (H246292-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2024	ND	2.29	115	2.00	2.20	
Toluene*	<0.050	0.050	10/18/2024	ND	2.32	116	2.00	3.25	
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.34	117	2.00	4.21	
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.93	115	6.00	4.09	
Total BTEX	<0.300	0.300	10/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	10/18/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2024	ND	204	102	200	1.52	
DRO >C10-C28*	<10.0	10.0	10/17/2024	ND	192	96.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/17/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/15/2024	Sampling Date:	10/15/2024
Reported:	10/21/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937 (212C-MD-03639)	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: AH - 10 (7'-8') (H246292-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/18/2024	ND	2.29	115	2.00	2.20	
Toluene*	<0.050	0.050	10/18/2024	ND	2.32	116	2.00	3.25	
Ethylbenzene*	<0.050	0.050	10/18/2024	ND	2.34	117	2.00	4.21	
Total Xylenes*	<0.150	0.150	10/18/2024	ND	6.93	115	6.00	4.09	
Total BTEX	<0.300	0.300	10/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1330	16.0	10/18/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/17/2024	ND	204	102	200	1.52	
DRO >C10-C28*	<10.0	10.0	10/17/2024	ND	192	96.2	200	3.47	
EXT DRO >C28-C36	<10.0	10.0	10/17/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Custody Record



Tetra Tech, Inc.

901 W. Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: BTA Site Manager: Nicholas Poole

Project Name: Mesa-B #2H Jet Pump (512)560-9064 Project #: NICHOLAS.POOLE@Tetrattech.com

Project Location: Lea County, NM Project #: 212C-MD-03639

Invoice to: ATTN: Ray Ramos - BTA 13937

Receiving Laboratory: Cardinal Labs Sampler Signature: Gustavo Cortez

Comments:

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX				PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE			
1	AH-9 (0-1')	10/15/2024	13:30	X	X	X	X	X			
2	AH-10 (6-7')	10/15/2024	13:40	X	X	X	X	X			
3	AH-10 (7-8')	10/15/2024	14:00	X	X	X	X	X			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
<i>[Signature]</i>		10-15-24 1649	<i>[Signature]</i>		10-15-24 1044
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:

ANALYSIS REQUEST
(Circle or Specify Method No.)

<input type="checkbox"/>	BTEX 8021B	BTEX 8260B
<input type="checkbox"/>	TPH TX1005 (Ext to C35)	
<input type="checkbox"/>	TPH 8015M (GRO - DRO - ORO)	
<input type="checkbox"/>	PAH 8270C	
<input type="checkbox"/>	Total Metals Ag As Ba Cd Cr Pb Se Hg	
<input type="checkbox"/>	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
<input type="checkbox"/>	TCLP Volatiles	
<input type="checkbox"/>	TCLP Semi Volatiles	
<input type="checkbox"/>	RCI	
<input type="checkbox"/>	GC/MS Vol. 8260B / 624	
<input type="checkbox"/>	GC/MS Semi. Vol. 8270C/625	
<input type="checkbox"/>	PCB's 8082 / 608	
<input type="checkbox"/>	NORM	
<input type="checkbox"/>	PLM (Asbestos)	
<input type="checkbox"/>	Chloride	
<input type="checkbox"/>	Chloride Sulfate TDS	
<input type="checkbox"/>	General Water Chemistry (see attached list)	
<input type="checkbox"/>	Anion/Cation Balance	

LAB USE ONLY	REMARKS:
<input type="checkbox"/>	RUSH: Same Day 24 hr 48 hr 72 hr
<input type="checkbox"/>	Rush Charges Authorized
<input type="checkbox"/>	Special Report Limits or TRRP Report

ORIGINAL COPY



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

October 29, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MESA B COM #2H JET PUMP

Enclosed are the results of analyses for samples received by the laboratory on 10/24/24 9:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/24/2024	Sampling Date:	10/24/2024
Reported:	10/29/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: FS - 1 (4') (H246470-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2024	ND	1.88	94.2	2.00	2.13	
Toluene*	<0.050	0.050	10/24/2024	ND	1.93	96.5	2.00	3.00	
Ethylbenzene*	<0.050	0.050	10/24/2024	ND	1.95	97.5	2.00	3.26	
Total Xylenes*	<0.150	0.150	10/24/2024	ND	5.80	96.6	6.00	3.16	
Total BTEX	<0.300	0.300	10/24/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	10/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2024	ND	214	107	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/24/2024	ND	202	101	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	10/24/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/24/2024	Sampling Date:	10/24/2024
Reported:	10/29/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: FS - 2 (4') (H246470-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2024	ND	1.88	94.2	2.00	2.13	
Toluene*	<0.050	0.050	10/24/2024	ND	1.93	96.5	2.00	3.00	
Ethylbenzene*	<0.050	0.050	10/24/2024	ND	1.95	97.5	2.00	3.26	
Total Xylenes*	<0.150	0.150	10/24/2024	ND	5.80	96.6	6.00	3.16	
Total BTEX	<0.300	0.300	10/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	10/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	214	107	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/25/2024	ND	202	101	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/24/2024	Sampling Date:	10/24/2024
Reported:	10/29/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: NSW - 1 (0-4') (H246470-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2024	ND	1.88	94.2	2.00	2.13	
Toluene*	<0.050	0.050	10/24/2024	ND	1.93	96.5	2.00	3.00	
Ethylbenzene*	<0.050	0.050	10/24/2024	ND	1.95	97.5	2.00	3.26	
Total Xylenes*	<0.150	0.150	10/24/2024	ND	5.80	96.6	6.00	3.16	
Total BTEX	<0.300	0.300	10/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	10/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	214	107	200	2.27	
DRO >C10-C28*	11.9	10.0	10/25/2024	ND	202	101	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/24/2024	Sampling Date:	10/24/2024
Reported:	10/29/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: ESW - 1 (0-4') (H246470-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2024	ND	1.88	94.2	2.00	2.13	
Toluene*	<0.050	0.050	10/24/2024	ND	1.93	96.5	2.00	3.00	
Ethylbenzene*	<0.050	0.050	10/24/2024	ND	1.95	97.5	2.00	3.26	
Total Xylenes*	<0.150	0.150	10/24/2024	ND	5.80	96.6	6.00	3.16	
Total BTEX	<0.300	0.300	10/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	214	107	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/25/2024	ND	202	101	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/24/2024	Sampling Date:	10/24/2024
Reported:	10/29/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: WSW - 1 (0-4') (H246470-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2024	ND	1.88	94.2	2.00	2.13	
Toluene*	<0.050	0.050	10/24/2024	ND	1.93	96.5	2.00	3.00	
Ethylbenzene*	<0.050	0.050	10/24/2024	ND	1.95	97.5	2.00	3.26	
Total Xylenes*	<0.150	0.150	10/24/2024	ND	5.80	96.6	6.00	3.16	
Total BTEX	<0.300	0.300	10/24/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1960	16.0	10/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	214	107	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/25/2024	ND	202	101	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Terry Todd</i> Project Manager: <i>Nicholas Poole</i> Address: City: State: Zip: Phone #: Fax #: Project #: <i>ED: 13 932</i> Project Owner: Project Name: <i>Mesa B #24 5th Ring</i> Project Location: <i>Lea County</i> Sampler Name: <i>Arbore Sanchez</i>		P.O. #: Company: <i>93714</i> Attn: <i>Roy Ramos</i> Address: City: State: Zip: Phone #: Zip: Fax #:		BILL TO		ANALYSIS REQUEST	
Relinquished By: <i>Arbore Sanchez</i> Date: <i>10.29.24</i> Time: <i>1905</i>		Received By: <i>[Signature]</i> Date: <i>10.29.24</i> Time: <i>1905</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address:		REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: <i>5.9</i> Corrected Temp. °C: <i>5.3</i>		Sample Condition Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <i>[Signature]</i> (Initials)	
Turnaround Time:		Standard <input checked="" type="checkbox"/> Rush		Bacteria (only) Sample Condition Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140 Correction Factor -0.6°C	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<i>A34470</i>	<i>F5-1 (4)</i>			<input checked="" type="checkbox"/>						<i>10-29</i>	<i>7:00</i>	<i>TPH (DRO/DRO/GRO)</i>
	<i>F5-2 (4)</i>			<input checked="" type="checkbox"/>							<i>7:10</i>	<i>Chloride 4500</i>
	<i>U5u-1 (0-4)</i>			<input checked="" type="checkbox"/>							<i>7:20</i>	<i>BTEX</i>
	<i>U5u-1 (0-4)</i>			<input checked="" type="checkbox"/>							<i>7:30</i>	
	<i>U5u-1 (0-4)</i>			<input checked="" type="checkbox"/>							<i>7:40</i>	

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.



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

October 29, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MESA B COM #2H JET PUMP

Enclosed are the results of analyses for samples received by the laboratory on 10/24/24 9:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/24/2024	Sampling Date:	10/22/2024
Reported:	10/29/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: TS - 1 (8-9') (H246471-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2024	ND	1.88	94.2	2.00	2.13	
Toluene*	<0.050	0.050	10/24/2024	ND	1.93	96.5	2.00	3.00	
Ethylbenzene*	<0.050	0.050	10/24/2024	ND	1.95	97.5	2.00	3.26	
Total Xylenes*	<0.150	0.150	10/24/2024	ND	5.80	96.6	6.00	3.16	
Total BTEX	<0.300	0.300	10/24/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	214	107	200	2.27	
DRO >C10-C28*	<10.0	10.0	10/25/2024	ND	202	101	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/24/2024	Sampling Date:	10/22/2024
Reported:	10/29/2024	Sampling Type:	Soil
Project Name:	MESA B COM #2H JET PUMP	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT ID 13937	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA COUNTY, NM		

Sample ID: TS - 1 (9-10') (H246471-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2024	ND	1.88	94.2	2.00	2.13		
Toluene*	<0.050	0.050	10/24/2024	ND	1.93	96.5	2.00	3.00		
Ethylbenzene*	<0.050	0.050	10/24/2024	ND	1.95	97.5	2.00	3.26		
Total Xylenes*	<0.150	0.150	10/24/2024	ND	5.80	96.6	6.00	3.16		
Total BTEX	<0.300	0.300	10/24/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/24/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/25/2024	ND	214	107	200	2.27		
DRO >C10-C28*	<10.0	10.0	10/25/2024	ND	202	101	200	1.33		
EXT DRO >C28-C36	<10.0	10.0	10/25/2024	ND						

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Terra Park</i> Project Manager: <i>Nicholas Poole</i> Address: City: State: Zip: Phone #: Fax #: Project #: <i>ED: 13 937</i> Project Owner: Project Name: <i>Mesa B #24 Jet pump</i> Project Location: <i>Lea County</i> Sampler Name: <i>Gilberto Sanchez</i> FOR LAB USE ONLY		P.O. #: Company: <i>BTA</i> Attn: <i>Roy Ramos</i> Address: City: State: Zip: Phone #: Fax #: PRESERV:		BILL TO		ANALYSIS REQUEST					
Lab I.D.: <i>H246471</i> Sample I.D.: 1 <i>TS-1 (8-9)</i> 2 <i>TS-1 (9-10)</i>		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER MATRIX SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : PRESERV:		DATE TIME		TPH (DRO / GRO / ORO) BTEX Chloride 4500					
Relinquished By: <i>Gilberto Sanchez</i> Date: <i>10-24-24</i> Time: <i>1:05 PM</i>		Received By: <i>[Signature]</i> Date: Time:		CHECKED BY: <i>[Signature]</i> (Initials)		REMARKS: Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: All Results are emailed. Please provide Email address: Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush Thermometer ID #140 Correction Factor -0.6°C Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C: <i>5.9</i> Corrected Temp. °C: <i>5.3</i>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Corrected Temp. °C					

FORM 006 Rev 06/07/24 + Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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

November 05, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: MESA B COM #2H JET PUMP

Enclosed are the results of analyses for samples received by the laboratory on 10/31/24 13:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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: MESA B COM #2H JET PUMP Project Number: INCIDENT ID 13937 Project Manager: NICHOLAS POOLE Fax To: (432) 682-3946	Reported: 05-Nov-24 16:36
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NSW - 1 (4)	H246655-01	Soil	31-Oct-24 09:20	31-Oct-24 13:36
WSW - 1 (4)	H246655-02	Soil	31-Oct-24 10:45	31-Oct-24 13:36

11/05/24 - Client changed the sample IDs (see COC). This is the revised report and will replace the one sent on 11/01/24.

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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: MESA B COM #2H JET PUMP Project Number: INCIDENT ID 13937 Project Manager: NICHOLAS POOLE Fax To: (432) 682-3946	Reported: 05-Nov-24 16:36
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**NSW - 1 (4)
H246655-01 (Soil)**

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

Inorganic Compounds

Chloride	448		16.0	mg/kg	4	4110147	HM	01-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4103122	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4103122	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4103122	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4103122	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4103122	JH	01-Nov-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %	71.5-134		4103122	JH	01-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4103123	MS	01-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4103123	MS	01-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103123	MS	01-Nov-24	8015B	

Surrogate: 1-Chlorooctane			114 %	48.2-134		4103123	MS	01-Nov-24	8015B	
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Surrogate: 1-Chlorooctadecane			118 %	49.1-148		4103123	MS	01-Nov-24	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: MESA B COM #2H JET PUMP Project Number: INCIDENT ID 13937 Project Manager: NICHOLAS POOLE Fax To: (432) 682-3946	Reported: 05-Nov-24 16:36
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**WSW - 1 (4)
H246655-02 (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	4110147	HM	01-Nov-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4103122	JH	01-Nov-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4103122	JH	01-Nov-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4103122	JH	01-Nov-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4103122	JH	01-Nov-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4103122	JH	01-Nov-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5-134		4103122	JH	01-Nov-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4103123	MS	01-Nov-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4103123	MS	01-Nov-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4103123	MS	01-Nov-24	8015B	

Surrogate: 1-Chlorooctane			115 %	48.2-134		4103123	MS	01-Nov-24	8015B	
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Surrogate: 1-Chlorooctadecane			120 %	49.1-148		4103123	MS	01-Nov-24	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: MESA B COM #2H JET PUMP Project Number: INCIDENT ID 13937 Project Manager: NICHOLAS POOLE Fax To: (432) 682-3946	Reported: 05-Nov-24 16:36
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4110147 - 1:4 DI Water										
Blank (4110147-BLK1)										
Prepared & Analyzed: 01-Nov-24										
Chloride	ND	16.0	mg/kg							
LCS (4110147-BS1)										
Prepared & Analyzed: 01-Nov-24										
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4110147-BSD1)										
Prepared & Analyzed: 01-Nov-24										
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

TETRA TECH 901 WEST WALL STREET , STE 100 MIDLAND TX, 79701	Project: MESA B COM #2H JET PUMP Project Number: INCIDENT ID 13937 Project Manager: NICHOLAS POOLE Fax To: (432) 682-3946	Reported: 05-Nov-24 16:36
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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 4103122 - Volatiles

Blank (4103122-BLK1)

Prepared & Analyzed: 31-Oct-24

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)	0.0573		mg/kg	0.0500		115	71.5-134			

LCS (4103122-BS1)

Prepared & Analyzed: 31-Oct-24

Benzene	2.05	0.050	mg/kg	2.00		103	82.8-130			
Toluene	2.07	0.050	mg/kg	2.00		104	86-128			
Ethylbenzene	2.13	0.050	mg/kg	2.00		107	85.9-128			
m,p-Xylene	4.23	0.100	mg/kg	4.00		106	89-129			
o-Xylene	2.12	0.050	mg/kg	2.00		106	86.1-125			
Total Xylenes	6.35	0.150	mg/kg	6.00		106	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0492		mg/kg	0.0500		98.5	71.5-134			

LCS Dup (4103122-BSD1)

Prepared & Analyzed: 31-Oct-24

Benzene	1.79	0.050	mg/kg	2.00		89.6	82.8-130	13.6	15.8	
Toluene	1.89	0.050	mg/kg	2.00		94.4	86-128	9.37	15.9	
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.5	85.9-128	8.95	16	
m,p-Xylene	3.89	0.100	mg/kg	4.00		97.2	89-129	8.31	16.2	
o-Xylene	1.95	0.050	mg/kg	2.00		97.5	86.1-125	8.52	16.7	
Total Xylenes	5.84	0.150	mg/kg	6.00		97.3	88.2-128	8.38	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/kg	0.0500		102	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: MESA B COM #2H JET PUMP Project Number: INCIDENT ID 13937 Project Manager: NICHOLAS POOLE Fax To: (432) 682-3946	Reported: 05-Nov-24 16:36
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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 4103123 - General Prep - Organics

Blank (4103123-BLK1)

Prepared: 31-Oct-24 Analyzed: 01-Nov-24

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	55.9		mg/kg	50.0		112	48.2-134			
Surrogate: 1-Chlorooctadecane	56.2		mg/kg	50.0		112	49.1-148			

LCS (4103123-BS1)

Prepared: 31-Oct-24 Analyzed: 01-Nov-24

GRO C6-C10	208	10.0	mg/kg	200		104	81.5-123			
DRO >C10-C28	211	10.0	mg/kg	200		105	77.7-122			
Total TPH C6-C28	418	10.0	mg/kg	400		105	80.9-121			
Surrogate: 1-Chlorooctane	63.5		mg/kg	50.0		127	48.2-134			
Surrogate: 1-Chlorooctadecane	63.0		mg/kg	50.0		126	49.1-148			

LCS Dup (4103123-BSD1)

Prepared: 31-Oct-24 Analyzed: 01-Nov-24

GRO C6-C10	201	10.0	mg/kg	200		100	81.5-123	3.32	13	
DRO >C10-C28	205	10.0	mg/kg	200		103	77.7-122	2.65	15.6	
Total TPH C6-C28	406	10.0	mg/kg	400		102	80.9-121	2.98	18.5	
Surrogate: 1-Chlorooctane	61.2		mg/kg	50.0		122	48.2-134			
Surrogate: 1-Chlorooctadecane	61.6		mg/kg	50.0		123	49.1-148			

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

APPENDIX E

Regulatory Correspondence

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

QUESTIONS

Action 393660

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 393660
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426245843
Incident Name	NAPP2426245843 MESA B 2H JET PUMP @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129922900] Mesa B 2H

Location of Release Source	
Site Name	Mesa B 2H Jet Pump
Date Release Discovered	09/16/2024
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	412
What is the estimated number of samples that will be gathered	5
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/23/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	please call or email Nicholas Poole; (512)560-9064 Nicholas.Poole@tetrattech.com
Please provide any information necessary for navigation to sampling site	FROM THE INTERSECTION OF PIPELINE RD AND ORLA RD, TRAVEL EAST ON UNNAMED LEASE ROAD FOR APPROXIMATELY 3.53 MILES. TURN RIGHT AND CONTINUE SOUTH ON UNNAMED LEASE ROAD FOR APPROXIMATELY 1.16 MILES. TURN LEFT AND CONTINUE EAST FOR APPROXIMATELY 3775 FT TO ARRIVE AT THE MESA B #2H LEASE PAD. CONTINUE NORTHEAST ONTO LEASE PAD APPROXIMATELY 300 FT TO ARRIVE AT GPS 32.051209, -103.605909.

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 393660

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 393660
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
nicholas poole	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/18/2024

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

QUESTIONS

Action 397411

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 397411
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426245843
Incident Name	NAPP2426245843 MESA B 2H JET PUMP @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129922900] Mesa B 2H

Location of Release Source	
Site Name	Mesa B 2H Jet Pump
Date Release Discovered	09/16/2024
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	412
What is the estimated number of samples that will be gathered	2
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/01/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	please call or email Nicholas Poole; (512)5609064 Nicholas.Poole@tetrattech.com
Please provide any information necessary for navigation to sampling site	FROM THE INTERSECTION OF PIPELINE RD AND ORLA RD, TRAVEL EAST ON UNNAMED LEASE ROAD FOR APPROXIMATELY 3.53 MILES. TURN RIGHT AND CONTINUE SOUTH ON UNNAMED LEASE ROAD FOR APPROXIMATELY 1.16 MILES. TURN LEFT AND CONTINUE EAST FOR APPROXIMATELY 3775 FT TO ARRIVE AT THE MESA B #2H LEASE PAD. CONTINUE NORTHEAST ONTO LEASE PAD APPROXIMATELY 300 FT TO ARRIVE AT GPS 32.051209, 103.605909.

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 397411

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 397411
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
nicholas poole	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/30/2024

APPENDIX F

Waste Manifests



OWL Landfill Services, LLC
DDA: Northern Delaware Basin Landfill
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Ray Ramos
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0362985

COMPANY NAME: BTA
LEASE: Mesa
AFE #: _____ API: 130-025-92125
RIG NAME: _____ WELL #: B # 2H JT Purp
STATE & COUNTY ORIGIN: Lea Co NM

DATE: 10-11-24
PHONE: _____
QUANTITY: _____ BBLs
20 YARDS

Part 1 - Generator

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Muds w/Cement
<input type="checkbox"/> Other: _____		<input type="checkbox"/> Tank Bottoms
Authorize Washout?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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 load is (Check the appropriate classification):

- RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only!
- RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, in unamended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided):
 - SDS information
 - RCRA Hazardous Waste Analysis
 - Process Knowledge
 - Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name: Ray Ramos Date: 10-11-24 Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S&S YARD #: _____ WHP #: _____ TRUCK #: 03
ADDRESS: _____ TICKET #: 069351 ROLL OFF BIN#: _____ TRAILER #: _____
DATE RECEIVED: 10/11/24 TIME RECEIVED: 9:20 AM PM
DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
DRIVER: Jorge Guzman DRIVER'S SIGNATURE: [Signature]
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 10/11/24 TIME IN: 10:26 AM PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: P (Less than 50 MCR)
Shake Out:

Shake Out:		
1	2	3

276556
Gallon Test: _____

SERVICE NOTES: This is to certify that: _____ Employee (Printed Name): Alexis Z
EMPLOYEE SIGNATURE: [Signature]
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Ry Ramos
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: 432-319-1288

MANIFEST #
0362984

Part 1 - Generator

COMPANY NAME: BTA
LEASE: Mesa B2H jet pump
AFE #: _____ API: 130-025-42125
RIG NAME: _____ WELL #: B 2H
STATE & COUNTY ORIGIN: Lea Co. NM

DATE: 10-11-20
PHONE: _____
QUANTITY: _____ BBLs
20 YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/ Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Other			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1980 regulatory determination, the above described waste has been checked the appropriate classification.

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accept's certifications on a per load basis only).

RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations. 40 CFR 261.21, 261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

SDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non hazardous waste determination and a description of that waste must accompany this form)

Print/Authorized Agent's Name: Ry Ramos Date: 10/11/24 Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S&S YARD #: _____ WHP #: _____ TRUCK #: _____
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____
 DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM
 DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
 "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
 DRIVER: Nickerson DRIVER'S SIGNATURE: [Signature]
 I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252
 DATE: 10/11/24 TIME IN: 1019 AM PM
 TIME OUT: _____ AM / PM
 WASHOUT BY: _____
 WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
 TCLP: PASS FAIL N/A
 TOX: PASS FAIL N/A

NORM TESTING: _____
 (Less than 50 MCR)

Shake Out:

Shake Out:		
1	2	3

276555
 H₂O S
 Gallon Test: _____

SERVICE NOTES: This is to certify that: Jayden M
 Employee (Printed Name): _____
 EMPLOYEE SIGNATURE: _____
 not received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
DDA: Northern Delaware Basin Landfill
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Ray Ramos
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: _____

MANIFEST #
0362985

COMPANY NAME: BTA
LEASE: Mesa
AFE #: _____ API: 130-025-92125
RIG NAME: _____ WELL #: B # 2H JT Purp
STATE & COUNTY ORIGIN: Lea Co NM

DATE: 10-11-24
PHONE: _____
QUANTITY: _____ BBLs
20 YARDS

Part 1 - Generator

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Other: _____	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

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 load is (Check the appropriate classification):

- RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only!
- RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, in unamended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided):
 - SDS information
 - RCRA Hazardous Waste Analysis
 - Process Knowledge
 - Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name: Ray Ramos Date: 10-11-24 Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S&S YARD #: _____ WHP #: _____ TRUCK #: 03
ADDRESS: _____ TICKET #: 069351 ROLL OFF BIN#: _____ TRAILER #: _____
DATE RECEIVED: 10/11/24 TIME RECEIVED: 9:20 AM PM
DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Jorge Guzman DRIVER'S SIGNATURE: [Signature]
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): _____ DATE: 10/11/24 TIME IN: 10:26 AM PM
 Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A

NORM TESTING: P
(Less than 50 MCR)

Shake Out:		
1	2	3
H ₂ O		
S		

276556

Gallon Test: _____

SERVICE NOTES: This is to certify that: _____ Employee (Printed Name): _____
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: [Signature]
White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
 1994 Northern Delaware Basin Landfill
 3889 Maple Ave. Suite 300
 Dallas, TX 75219
 505.231.1212
 ar@ndblandfill.com

COMPANY MAN: _____
 AUTHORIZED Agent (Print Name and Title):
 SIGNATURE: Ray Row
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: 432-318-1288

MANIFEST #
0362987

Part 1 - Generator

COMPANY NAME: BTA DATE: 10-11-24
 LEASE: Mesa PHONE: _____
 AFE #: _____ API: N30-025-42125
 RIG NAME: _____ WELL #: B2H
 STATE & COUNTY ORIGIN: Lea Co NM

QUANTITY: _____ BBLs
20 YARDS

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/ Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other:			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1998 regulatory determination, the above described waste is: (Check the appropriate classification)

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDEB Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.21, as listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

SDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)

EMERGENCY NON-HAZARDOUS: Emergency non-hazardous non-oilfield waste that has been verified by the Department of Public Safety with proper documentation of non-hazardous waste determination and a description of that waste must accompany this form.

(Print Authorized Agent's Name) Ray Row Date: _____ Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard SFS YARD #: _____ WHP #: _____ TRUCK #: _____
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN #: _____ TRAILER #: _____
 DATE RECEIVED: _____ TIME RECEIVED: AM PM DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
 "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
 DRIVER: Jorge Guzman DRIVER'S SIGNATURE: _____
 I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252
 DATE: 10/11/24 TIME IN: 12:55 AM/PM
 TIME OUT: _____ AM/PM
 WASHOUT BY: _____
 WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
 TCLP: PASS FAIL N/A
 TOX: PASS FAIL N/A
 NORM TESTING: P (Less than 50 MCR)
 H₂O S
 Shake Out:

1	2	3

 276595
 Gallon Test: _____
 SERVICE NOTES: This is to certify that: _____ Employee (Printed Name): _____
 EMPLOYEE SIGNATURE: Alan B.
 has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
1344 Northern Delaware Basin Landfill
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Roy Ramon
SIGNATURE:
COMPANY MAN EMAIL:
COMPANY MAN PHONE: 432-318-1288

MANIFEST #
0362988

COMPANY NAME: BTA
LEASE: Mesa
AFE #:
API: 130-025-42125
RIG NAME:
WELL #: B 2H
STATE & COUNTY ORIGIN: Lea Co. NM

DATE: 10-11-24
PHONE:
QUANTITY: 20
BBLs
YARDS

Part 1 - Generator

Waste Description (check only one box)
RCRA Exempt
RCRA Non-Exempt
Water Based Cuttings (DRY)
Oil Based Cuttings (DRY)
Oil Base Mud
Rig Trash
Other
Water Based Cuttings (WET)
Oil Based Cuttings (WET)
Water Base Mud
Pit Liners
Contaminated Soil
Injectable Fluids
Muds w/ Cement
Produced Sands
Non-Injectable Fluids
Tank Bottoms
Authorize Washout? Yes No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1998 regulatory determination, the above described waste has been checked the appropriate classification.
RCRA EXEMPT
RCRA NON-EXEMPT
EMERGENCY NON-OILFIELD

Print Authorized Agent's Name: Roy Ramon Date: 10-11-24

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S & S
ADDRESS:
DATE RECEIVED:
TIME RECEIVED:
DISPATCHER NAME:
DISPATCHER PHONE #:
YARD #:
WHP #:
TRUCK #:
TICKET #:
ROLL OFF BIN #:
TRAILER #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:
'I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE.'
DRIVER: Gimel Corbeto DRIVER'S SIGNATURE:
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):
DATE: 10/11/24 TIME IN: 2:40 AM
TCLP:
TOX:
WASHOUT BY:
WASHOUT: TIME IN: TIME OUT:

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING:
Shake Out:
Gallon Test:
SERVICE NOTES:
This is to certify that:
EMPLOYEE SIGNATURE:
White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
 DDA Northern Delaware Basin Landfill
 3889 Maple Ave. Suite 300
 Dallas, TX 75219
 505.231.1212
 ar@ndblandfill.com

COMPANY MAN: Ray Ramos
 (As Printed in Print Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: 432-318-1288

MANIFEST #
0362989

Part 1 - Generator

COMPANY NAME: BTA DATE: 10-11-24
 LEASE: Mesa PHONE: _____
 AFE #: _____ API: A30-025-42125
 RIG NAME: _____ WELL #: B 2H
 STATE & COUNTY ORIGIN: Lea Co. NM

QUANTITY: _____ BBLS
20 YARDS

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Other: _____		Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1983 regulatory determination, the above described waste load is (check the appropriate classification):

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations, and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)

RCRA NON EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulation, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

SDS information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)

EMERGENCY NON-DEFINITE: emergency non-hazardous, non-oilfield waste that has been ordered by the US Department of Health Safety and Environment of non-hazardous waste determination and a description of that waste must accompany this form)

(Print Authorized Agent's Name) [Signature] Date: 10-21-24 Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S+S YARD #: 20 WHP #: _____ TRUCK #: 03
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____
 DATE RECEIVED: 10-11-24 TIME RECEIVED: 3:15 AM PM
 DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
 "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
 DRIVER: Jorge Guzman DRIVER'S SIGNATURE: [Signature]
 I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): _____ DATE: 10/11/24 TIME IN: 4:14 AM PM
 Northern Delaware Basin Landfill 2029 W. NM Highway 128 | Jal, New Mexico 88252 TIME OUT: _____ AM / PM

WASHOUT BY: _____
 WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
 TCLP: PASS FAIL N/A
 TOX: PASS FAIL N/A

NORM TESTING: P (Less than 50 MCR)

Shake Out: 276645

Shake Out:		
1	2	3
H ₂ O		
5		

Gallon Test: _____

SERVICE NOTES: This is to certify that: _____ Employee: (Printed Name) _____ has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

EMPLOYEE SIGNATURE: [Signature]

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
(NDA Northern Delaware Basin Landfill)
 3889 Maple Ave. Suite 300
 Dallas, TX 75219
 505.231.1212
 ar@ndblandfill.com

COMPANY MAN: Ray Ramos
(Authorized Agent's Printed Name and Title)
 SIGNATURE: _____
 COMPANY MAN EMAIL: _____
 COMPANY MAN PHONE: 432-318-1288

MANIFEST #
0362992

COMPANY NAME: BTA DATE: 10/22/24
 LEASE: Mesa PHONE: _____
 AFE #: _____ API: 130-025-42125 QUANTITY: _____ BBLS
 RIG NAME: _____ WELL #: B 2H 20 YARDS
 STATE & COUNTY ORIGIN: Lea Co NM

Part 1 - Generator

Waste Description (check only one box)	<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY) <input type="checkbox"/> Oil Based Cuttings (DRY) <input type="checkbox"/> Oil Base Mud <input type="checkbox"/> Rig Trash <input type="checkbox"/> Other: _____	<input type="checkbox"/> Water Based Cuttings (WET) <input type="checkbox"/> Oil Based Cuttings (WET) <input type="checkbox"/> Water Base Mud <input type="checkbox"/> Pit Liners	<input checked="" type="checkbox"/> Contaminated Soil <input type="checkbox"/> Injectable Fluids <input type="checkbox"/> Muds w/ Cement <input type="checkbox"/> Produced Sands <input type="checkbox"/> Non-Injectable Fluids <input type="checkbox"/> Tank Bottoms Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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: (Check the appropriate classification)

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NOBL Accepts certifications on a per load basis only)

RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

SDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)

(Print) Authorized Agent's Name: Ray Ramos Date: 10/11/24 Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S+S YARD #: _____ WHP #: _____ TRUCK #: 04
 ADDRESS: Two Nations TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: 04
 DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
 "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Librado Escarcega DRIVER'S SIGNATURE: _____
(Driver's Name Printed)
 I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 10-12-24 TIME IN: 10:22 AM/PM
 TIME OUT: _____ AM/PM

WASHOUT BY: _____
 WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
 TCLP: PASS FAIL N/A
 TOX: PASS FAIL N/A

NORM TESTING: P
(Less than 50 MCR)

Shake Out:

1	2	3
<u>N/A</u>		

 H₂O: 5 Gallon Test: _____

SERVICE NOTES:
 This is to certify that: _____
 Employee (Printed Name): Ray Ramos
 EMPLOYEE SIGNATURE: _____

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
DBL: Northern Delaware Basin Landfill
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Ray Ramos
Authorized Agent's Printed Name and Title
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: 432-315-1285

MANIFEST #
0362991

COMPANY NAME: BTA
LEASE: Mesa
AFE #: _____ API: 130-025-42125
RIG NAME: _____ WELL #: B 2H
STATE & COUNTY ORIGIN: Lea Co. NM

DATE: 10-12-24
PHONE: _____
QUANTITY: _____ BBLs
20 YARDS

Part 1 - Generator

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WFT)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/ Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

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 not a RCRA hazardous waste (check the appropriate classification):
 RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts Certifications on a per load basis only.
 RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21, 261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided):
 SDS information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below): _____
 EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form).
Print Authorized Agent's Name: Ray Ramos Date: 10-12-24 Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard 5+5 YARD #: _____ WHP #: _____ TRUCK #: 03
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN#: _____ TRAILER #: _____
DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
DRIVER: Jesus Franco DRIVER'S SIGNATURE: _____
(Driver's Name Printed)
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 10/12/24 TIME IN: 10:22 AM PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: NORM LESS THAN 50 MCR
Shake Out:

Shake Out:		
1	2	3

 H₂O 5
Gallon Test: _____
SERVICE NOTES: _____
This is to certify that: _____ Employee (Printed Name) has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.
EMPLOYEE SIGNATURE: Sean Z

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
DBA: Northern Delaware Basin Landfill
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Roy Harris
SIGNATURE:
COMPANY MAN EMAIL:
COMPANY MAN PHONE: 432-318-1288

MANIFEST #
0362993

COMPANY NAME: BTA
LEASE: Mesa
API #: API: 130-025-42125
RIG NAME: WELL #: B 211
STATE & COUNTY ORIGIN: Lea Co NM
DATE: 10-12-24
PHONE:
QUANTITY: 20 YARDS

Waste Description (check only one box)
RCRA Exempt
RCRA Non-Exempt
Water Based Cuttings (DRY)
Oil Based Cuttings (DRY)
Oil Base Mud
Rig Trash
Other
Water Based Cuttings (WET)
Oil Based Cuttings (WET)
Water Base Mud
Pit Liners
Contaminated Soil
Injectable Fluids
Muds w/ Cement
Produced Sands
Non-Injectable Fluids
Tank Bottoms
Authorize Washout? Yes No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1993 regulatory determination, the above described waste load is (Check the appropriate qualification)
RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)
RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteritics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
EMERGENCY NON-OIL FIELD: Emergency non-hazardous non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)
Print Authorized Agent's Name: Roy Harris Date: 10/12/24

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S+S
ADDRESS:
DATE RECEIVED: TIME RECEIVED: AM/PM
YARD #: WHP #: TRUCK #: 01
TICKET #: ROLL OFF BIN #: TRAILER #:
DISPATCHER NAME: DISPATCHER PHONE #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
DRIVER: Salvador Palma DRIVER'S SIGNATURE:
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):
DATE: 10-12-24 TIME IN: 10:41 AM TIME OUT:
Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
WASHOUT BY:
WASHOUT: TIME IN: TIME OUT:

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: P (Less than 50 MCR)
Shake Out: 1 2 3
H2O S: N/A
Gallon Test:
SERVICE NOTES:
This is to certify that:
EMPLOYEE SIGNATURE: [Signature]
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Ray Ramos
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: 432-318-1288

MANIFEST #
0362994

COMPANY NAME: BTA
LEASE: Mesa
AFE #: _____ API: 130-025-42125
RIG NAME: _____ WELL #: B 2H
STATE & COUNTY ORIGIN: Lea Co. NM

DATE: _____
PHONE: _____
QUANTITY: _____ BBLs
20 YARDS

Part 1 - Generator

Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt

<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/ Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 2008 regulatory determination, the above described waste is: (Check the appropriate classification)

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only.

RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided):

SDS information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)

EMERGENCY NON-OIL FIELD: Emergency non-hazardous, non-oil field waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form).

Print Authorized Agent's Name: Ray Ramos Date: 10/12/24 Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S+S YARD #: _____ WHP #: _____ TRUCK #: 02
ADDRESS: Two Nations TICKET #: _____ ROLL OFF BIN #: _____ TRAILER #: 02
DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Edgar Ribata DRIVER'S SIGNATURE: _____
(Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252

DATE: 10/12/24 TIME IN: 10:45 AM PM
TIME OUT: _____ AM / PM

WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A

NORM TESTING: NORM (Less than 50 MCR)

Shake Out:		
1	2	3

H₂O S: _____

Gallon Test: _____

SERVICE NOTES: This is to certify that: _____
Employee (Printed Name): _____

EMPLOYEE SIGNATURE: [Signature]

has received the above indicated waste; waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Ray Ramos
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: 432-318-1288

MANIFEST #
0362995

COMPANY NAME: BTA
LEASE: Mesa
API #: _____ API: N30-025-4212
RIG NAME: _____ WELL #: B-2H
STATE & COUNTY ORIGIN: Lea Co. NM

DATE: 10-12-24
PHONE: _____
QUANTITY: _____ BBL'S
20 YARDS

Part 1 - Generator

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/ Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1983 regulatory determination, the above described waste is a _____ (Check the appropriate classification)

RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. (NOI) Accepts certifications on a per load basis only.

RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the maximum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste is non-hazardous is attached. (Check the appropriate items as provided)

SDS Information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)

EMERGENCY NON-OILFIELD: Emergency non-hazardous non-oilfield waste that has been ordered by the Department of Public Safety. The order documentation of non-hazardous waste determination and a description of that waste must accompany this form.

Print/Authorized Agent Name: Ray M... [Signature] Date: 10-12-24 Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S+S YARD #: _____ WHP #: _____ TRUCK #: 03
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN #: _____ TRAILER #: _____
 DATE RECEIVED: _____ TIME RECEIVED: AM PM DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
 "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
 DRIVER: Jorge Guzman DRIVER'S SIGNATURE: [Signature]
 I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252
 DATE: 10-12-24 TIME IN: 11:07 AM/PM
 TIME OUT: _____ AM/PM
 WASHOUT BY: _____
 WASHOUT: _____ TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
 TCLP: PASS FAIL FAIL
 TOX: PASS FAIL FAIL
 NORM TESTING: P (Less than 50 MCR)
 Shake Out:

1	2	3
<u>N/A</u>		

 H₂O: _____
 S: _____
 Gallon Test: _____
 SERVICE NOTES:
 This is to certify that: _____ Employee (Printed Name) _____ has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.
 EMPLOYEE SIGNATURE: [Signature]

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
DEA: Northern Delaware Basin Landfill
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPANY MAN: Ray Ramos
SIGNATURE: _____
COMPANY MAN EMAIL: _____
COMPANY MAN PHONE: 432-318-1288

MANIFEST #
0362996

COMPANY NAME: BTA DATE: 10-12-24
LEASE: Mesa PHONE: _____
AFE #: _____ API: A30-025-42125
RIG NAME: _____ WELL #: B 2H QUANTITY: _____ BBLS
STATE & COUNTY ORIGIN: Lea 20 YARDS

Part 1 - Generator

Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
 Water Based Cuttings (DRY) Water Based Cuttings (WET) Contaminated Soil Produced Sands
 Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids
 Oil Base Mud Water Base Mud Mud w/ Cement Tank Bottoms
 Rig Trash Pit Liners
 Other: _____ Authorize Washout? Yes No

I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the U.S. Environmental Protection Agency's July 1988 regulatory determination, the above described waste load is (Check the appropriate classification)
 RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)
 RCRA NON-EXEMPT: Oilfield waste which is non-hazardous and does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
 SDS information RCRA Hazardous Waste Analysis Process Knowledge Other (Provide Description Below)
 EMERGENCY NON-OIL FIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order/documentation of non-hazardous waste determination and a description of that waste must accompany this form)
Printed Authorized Agent's Name: Ray Ramos Date: 10-12-24 Signature: _____

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S&S YARD #: _____ WHP #: _____ TRUCK #: 03
ADDRESS: _____ TICKET #: _____ ROLL OFF BIN #: _____ TRAILER #: _____
DATE RECEIVED: _____ TIME RECEIVED: _____ AM PM DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
DRIVER: Jorge Guzman DRIVER'S SIGNATURE: _____
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 10-12-24 TIME IN: 1:55 AM PM
TIME OUT: _____ AM / PM
WASHOUT BY: _____
WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: P (Less than 30 MCR)
Shake Out:

1	2	3
N/A		

H₂O S: _____
SERVICE NOTES: _____
This is to certify that: _____ Employee (Printed Name): _____
EMPLOYEE SIGNATURE: Ray Ramos has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.
Gallon Test: _____

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC

188 Northern Delaware Basin Landfill
3889 Maple Ave. Suite 300
Dallas, TX 75219
505.231.1212
ar@ndblandfill.com

COMPAN MAN: Ray Ames
(Authorized Agent (Printed Name and Title))

SIGNATURE: _____

COMPANY MAN EMAIL: _____

COMPANY MAN PHONE: 432-318-1284

MANIFEST #

0362997

COMPANY NAME: Prosa BTA

DATE: 10-12-24

LEASE: Mesa

PHONE: _____

A/E #: _____ API: A30-025-42125

QUANTITY: _____ BBLS

RIG NAME: _____ WELL #: B-2H

20 YARDS

STATE & COUNTY ORIGIN: _____

Waste Description (check only one box)		<input type="checkbox"/> RCRA Exempt	<input type="checkbox"/> RCRA Non-Exempt
<input type="checkbox"/> Water Based Cuttings (DRY)	<input type="checkbox"/> Water Based Cuttings (WET)	<input checked="" type="checkbox"/> Contaminated Soil	<input type="checkbox"/> Produced Sands
<input type="checkbox"/> Oil Based Cuttings (DRY)	<input type="checkbox"/> Oil Based Cuttings (WET)	<input type="checkbox"/> Injectable Fluids	<input type="checkbox"/> Non-Injectable Fluids
<input type="checkbox"/> Oil Base Mud	<input type="checkbox"/> Water Base Mud	<input type="checkbox"/> Muds w/ Cement	<input type="checkbox"/> Tank Bottoms
<input type="checkbox"/> Rig Trash	<input type="checkbox"/> Pit Liners	Authorize Washout? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<input type="checkbox"/> Other: _____			

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: (Check the appropriate classification)

- RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDE). Accepts certifications on a per load basis only.
- RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
 - SDS Information
 - RCRA Hazardous Waste Analysis
 - Process Knowledge
 - Other (Provide Description Below)
- EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been declared by the Department of Public Safety. The order, documentation of non-hazardous waste determination, and description of that waste must accompany this form.

(Print) Authorized Agent's Name: Ray Ames Date: _____ Signature: _____

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S+S YARD #: _____ WHP #: _____ TRUCK #: 03
 ADDRESS: _____ TICKET #: _____ ROLL OFF BIN #: _____ TRAILER #: _____
 DATE RECEIVED: _____ TIME RECEIVED: AM PM DISPATCHER NAME: _____ DISPATCHER PHONE #: _____

The following statement must be signed by the truck driver prior to unloading at disposal facility:
 "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
 DRIVER: Lorge Gorman DRIVER'S SIGNATURE: [Signature]
 (Driver's Name Printed)

I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill
 2029 W. NM Highway 128 | Jal, New Mexico 88252
 DATE: 10/12/24 TIME IN: 4:55 AM / PM
 TIME OUT: _____ AM / PM
 WASHOUT BY: _____
 WASHOUT: TIME IN: _____ TIME OUT: _____

ACCEPTANCE TESTING:	PAIN FILTER:	PASS	FAIL	N/A	NORM TESTING: <input checked="" type="checkbox"/> Less than 50 MCR	Shake Out: 1 2 3 H ₂ O	276908
	TCLP:	PASS	FAIL	N/A			
	TOX:	PASS	FAIL	N/A			

SERVICE NOTES: This is to certify that: _____
 Employee (Printed Name): Alan G.
 EMPLOYEE SIGNATURE: [Signature]
 has received the above indicated waste, waste has passed all acceptance testing at this facility and the waste has been disposed of in an authorized manner at a permitted site.



OWL Landfill Services, LLC
DBA: Northern Delaware Basin Landfill
8201 Preston Rd., Suite 520
Dallas, TX 75225
214.292.2011
ar@ndblandfill.com

COMPANY MAN: Ray Ramos
SIGNATURE:
COMPANY MAN EMAIL:
COMPANY MAN PHONE: (432) 313-1288

MANIFEST #
0297781

Part 1 - Generator

COMPANY NAME: BTA
LEASE: Mesa @ B8115JV P Com
AFE #: 13937 API: A30-025-42125
RIG NAME: WELL #: 2H Jetlauf
STATE & COUNTY ORIGIN: Lea Co. NM

DATE: 10-23-24
PHONE:
QUANTITY: 20
[] BBLS
[] YARDS

Waste Description (check only one box)
[] Water Based Cuttings (DRY)
[] Oil Based Cuttings (DRY)
[] Oil Base Mud
[] Rig Trash
[] Other:
[] Water Based Cuttings (WET)
[] Oil Based Cuttings (WET)
[] Water Base Mud
[] Pit Liners
[] RCRA Exempt
[] RCRA Non-Exempt
[] Contaminated Soil
[] Produced Sands
[] Non-Injectable Fluids
[] Tank Bottoms
[] Injectable Fluids
[] Muds w/Cement
Authorize Washout? [] Yes [] No

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 load is (Check the appropriate classification)
[] RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste INDBL Accepts certifications on a per load basis only)
[] RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
[] SDS Information [] RCRA Hazardous Waste Analysis [] Process Knowledge [] Other (Provide Description Below)
[] EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)
(Print) Authorized Agent's Name: Ray Ramos Date: 10-23-24 Signature:

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S+S
ADDRESS:
DATE RECEIVED: TIME RECEIVED: [] AM [] PM
YARD #: WHP #: TRUCK #: 12
TICKET #: ROLL OFF BIN#: TRAILER #:
DISPATCHER NAME: DISPATCHER PHONE #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:
'I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE.'
DRIVER: Ezequiel Rubio DRIVER'S SIGNATURE: E. Rubio
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):
[] Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 10/23/24 TIME IN: 1104 AM/PM
TIME OUT: AM/PM
WASHOUT BY:
WASHOUT: TIME IN: TIME OUT:

ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: (Less than 50 MCR)
Shake Out:
H2O S
Gallon Test: 279254
SERVICE NOTES:
This is to certify that: Employee (Printed Name)
EMPLOYEE SIGNATURE:
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility Yellow: Transporter Pink: Generator



OWL Landfill Services, LLC
DBA: Northern Delaware Basin Landfill
8201 Preston Rd., Suite 520
Dallas, TX 75225
214.292.2011
ar@ndblandfill.com

COMPANY MAN: Ray Ramer
SIGNATURE:
COMPANY MAN EMAIL:
COMPANY MAN PHONE: 432-318-1288

MANIFEST #
0297782

COMPANY NAME: BTA
LEASE: Mesa B 8115 JV P Com
Incident # 13737 API: 30-025-42125
RIG NAME: WELL #: B2 H Jet Pump
STATE & COUNTY ORIGIN: Lea Co. NM

DATE: 10-23-24
PHONE:
QUANTITY: 20
[] BBLs
[] YARDS

Part 1 - Generator

Waste Description (check only one box)
[] Water Based Cuttings (DRY)
[] Oil Based Cuttings (DRY)
[] Oil Base Mud
[] Rig Trash
[] Other:
[] Water Based Cuttings (WET)
[] Oil Based Cuttings (WET)
[] Water Base Mud
[] Pit Liners
[] Contaminated Soil
[] Injectable Fluids
[] Muds w/Cement
[] Produced Sands
[] Non-Injectable Fluids
[] Tank Bottoms
Authorize Washout? [] Yes [] No

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 load is (Check the appropriate classification)
[] RCRA EXEMPT: Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts certifications on a per load basis only)
[] RCRA NON-EXEMPT: Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
[] SDS information [] RCRA Hazardous Waste Analysis [] Process Knowledge [] Other (Provide Description Below)
[] EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of that waste must accompany this form)
(Print) Authorized Agent's Name Ray Motz Date 10-23-24 Signature

Part 2 - Transporter

TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT

COMPANY NAME: Standard S&S YARD #: WHP #: TRUCK #:
ADDRESS: TICKET #: ROLL OFF BIN#: TRAILER #:
DATE RECEIVED: TIME RECEIVED: [] AM [] PM DISPATCHER NAME: DISPATCHER PHONE #:

The following statement must be signed by the truck driver prior to unloading at disposal facility:
"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."

DRIVER: Esquivel Rubio DRIVER'S SIGNATURE:
I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GIVEN ON THIS MANIFEST IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Part 3 - Disposal Facility

TO BE COMPLETED BY OWL LANDFILL EMPLOYEES

FACILITY RECEIVED AT (Check One):
[] Northern Delaware Basin Landfill
2029 W. NM Highway 128 | Jal, New Mexico 88252
DATE: 10/23/24 TIME IN: 3:31 AM/PM TIME OUT:
ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A
TCLP: PASS FAIL N/A
TOX: PASS FAIL N/A
NORM TESTING: Less than 50 MCR
Shake Out: 279347
Gallon Test:
SERVICE NOTES:
This is to certify that: Employee (Printed Name)
EMPLOYEE SIGNATURE:
has received the above indicated waste, waste has passed all acceptance testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.

White Copy: Disposal Facility Yellow: Transporter Pink: Generator

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 407788

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 407788
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426245843
Incident Name	NAPP2426245843 MESA B 2H JET PUMP @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2129922900] Mesa B 2H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Mesa B 2H Jet Pump
Date Release Discovered	09/16/2024
Surface Owner	Private

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 21 BBL Recovered: 20 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	On September 16, 2024 at approximately 6:00 PM MDT, BTA personnel discovered a leak from a hammer union and nipple on a Jet Pump at the Mesa B 2H CTB. Approximately 21 BBLs of produced water were released, 20 BBLs were recovered during initial response.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 407788

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 407788
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 12/03/2024
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 407788

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 407788
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	16000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	223.4
GRO+DRO (EPA SW-846 Method 8015M)	158
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	10/11/2024
On what date will (or did) the final sampling or liner inspection occur	10/24/2024
On what date will (or was) the remediation complete(d)	11/07/2024
What is the estimated surface area (in square feet) that will be reclaimed	580
What is the estimated volume (in cubic yards) that will be reclaimed	300
What is the estimated surface area (in square feet) that will be remediated	580
What is the estimated volume (in cubic yards) that will be remediated	300

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

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 4

Action 407788

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 407788
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [JEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 12/03/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 5

Action 407788

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 407788
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 407788

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 407788
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	397411
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/01/2024
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	412

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	580
What was the total volume (cubic yards) remediated	300
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	580
What was the total volume (in cubic yards) reclaimed	300
Summarize any additional remediation activities not included by answers (above)	Based on the results of the remedial activities and confirmation sampling, BTA respectfully requests closure of the incident. The current release footprint is fully remediated. Analytical results associated with the sampling events were below applicable Site RRALs following all remedial response actions; therefore, remediation of the release footprint is complete. The impacted surface area was remediated to meet the standards of Table I of 19.15.29.12 NMAC.

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

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

I hereby agree and sign off to the above statement	Name: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 12/03/2024
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Action 407788

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 407788
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 407788

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 407788
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	12/23/2024
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	12/23/2024