

June 23, 2025

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

Re: Closure Report

BTA Oil Producers, LLC Mesa Bronco (Giant) CTB Release Unit Letter C, Section 01, Township 26 South, Range 32 East Lea County, New Mexico Incident ID nAPP2506049156

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by BTA Oil Producers, LLC (BTA) to assess, evaluate, and remediate a release associated with the Mesa Bronco (Giant) Central Tank Battery (CTB). The approximate release site coordinates are 32.077842°, -103.629358°, located in the Public Land Survey System (PLSS) Unit Letter C, Section 01, Township 26 South, Range 32 East, Lea County, New Mexico (Site). The Site location is shown in Figures 1 and 2. The site is located on Federal land.

BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report, the release was discovered on February 28, 2025. Based on the information in the C-141, the cause was corrosion in a flowline, and approximately 23 bbls of oil and 22 bbls of produced water were released. 40 bbls of fluid were recovered during the initial response activities. According to photographic documentation, the release footprint was located both inside the lined containment and on the pad. The footprint did not affect any pasture areas. The on-pad release footprint is approximately 45' x 60' in area. Tetra Tech has prepared a standalone report for this Site detailing liner integrity and inspection activities, which will be submitted under separate cover. The Liner Inspection Report is included in Appendix A. The release footprint inside the lined containment area is presented in Figures 3 and 4.

On behalf of BTA, on March 1, 2025, Tetra Tech personnel submitted a notice of release to the New Mexico Oil Conservation Division (NMOCD). The NMOCD approved the Notice of Release (NOR) the same day and subsequently assigned the release Incident Identification (ID) nAPP2506049156. The NMOCD received the initial C-141 on March 5, 2025, and accepted the same day. The initial C-141 form is included in Appendix B.

LAND OWNERSHIP

According to the NMOCD Oil and Gas Map, the Site is located on Federal Lands managed by the Bureau of Land Management (BLM).

Tetra Tech

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

Tel 432.682.4559 Fax 432.682.3946 www.tetratech.com

SITE CHARACTERIZATION

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)	Between 51 and 75 feet bgs
Method used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water?	No
The minimum distance between the closest lateral extents of the release and the following	wing surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 ft
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	Between 1 and 5 miles
Any other fresh water well or spring	Between 1 and 5 miles
Incorporated municipal boundaries or a defined municipal fresh water well field	> 5 miles
A wetland	Between 500 and 1000 ft
A subsurface mine	> 5 miles
A (non-karst) unstable area	Zero feet, overlying, or within area
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 NMOSE reporting system, there are no water wells within $\frac{1}{2}$ mile (800 meters) of the Site. There is one (1) USGS groundwater monitoring well (USGS Site No 320504103361801) located within 1.7 miles of the Site with a depth to groundwater of 232.96 feet bgs (data collected in January 2013). The site characterization data is included in Appendix C.

REGULATORY FRAMEWORK

Based upon the release footprint (medium karst) 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	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

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BTA Oil Producers, LLC

SITE ASSESSMENT

On March 6, 2025, BTA conducted assessment sampling of the release footprint in the on-pad areas. BTA personnel installed three (3) hand auger borings (H1 through H3) along the perimeter of the release footprint to horizontally delineate the release extent. Three (3) hand auger borings (AH1 through AH3) were also installed to 1 ft bgs within the release footprint to vertically delineate the release extent.

A total of six (6) soil samples were submitted to Cardinal Laboratories in Hobbs, New Mexico for analysis of chloride via EPA Method 300.0, TPH via GC FID TX 1005, and BTEX via EPA Method 8021B. A copy of the laboratory analysis and chain-of-custody documentation are included in Appendix D. The sampling locations are presented in Figure 3.

Analytical results from the March 2025 assessment activities are summarized in Table 1. Analytical results associated with AH1 through AH3 and H3 exceeded the RRALs for TPH (100 mg/kg). All other analytical results were below the Site RRALs for all constituents. Vertical and horizontal delineation of the release extent was not achieved following the March 2025 assessment activities.

ADDITIONAL SITE ASSESSMENT

Based on the results of the initial assessment, BTA remobilized to the Site on March 27, 2025, to install two (2) trenches to a depth of 3 ft bgs to complete vertical delineation of the release extent. Additionally, on April 2, 2024, BTA personnel installed three (3) additional hand auger borings (H4 through H6) to 1 ft bgs to complete horizontal delineation of the release extent.

A total of five (5) 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 March and April 2025 assessment activities are summarized in Table 1. Vertical and horizontal delineation was completed as a result of the additional assessment sampling events. The sampling locations are presented in Figure 3.

REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From May 2 to 14, 2025, remedial activities were conducted at the Site, including hydrovac, excavation, disposal, and confirmation sampling. Prior to confirmation sampling, the NMOCD district office was notified via the OCD Fee Application Portal in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix E.

Soils in the delineated release extent were excavated as indicated in Figure 4. The areas within the release footprint were excavated to a maximum depth of 1.5 ft bgs based on field screening values and confirmation sampling results. Due to safety concerns associated with working around pressurized lines, prior to remediation, hydro-excavation was used to daylight lines in the vicinity of the release. All pressurized lines located in the area of the release were found to be at least 4 ft bgs. Photographs from the excavated areas prior to backfill are provided in Appendix F. All excavated material was transported off-site for proper disposal. Approximately 148 cubic yards of material were transported to the Northern Delaware Basin Landfill in Jal, New Mexico. Copies of the waste manifests are included in Appendix G.

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 discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. Six (6) confirmation floor sample locations and six (6) confirmation sidewall sample locations were collected for laboratory analysis during remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W), followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas, depths, and confirmation sample locations are indicated in Figure 4.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were

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BTA Oil Producers, LLC

analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. The analytical results were directly compared to the Site RRALs to demonstrate compliance. The results of the May 2025 confirmation sampling events are summarized in Table 2. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH, and BTEX. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D. Once acceptable confirmation sample results were received, the excavation was backfilled with clean material to pre-release grade.

CONCLUSION

BTA respectfully requests closure of the incident based on the remedial activities performed and the confirmation sampling results received. The C-141 forms are enclosed in Appendix B. If you have any questions concerning the remedial action of the Site, please call me at (512) 788-2948.

Sincerely,

Tetra Tech, Inc.

Samantha Allen Project Manager

cc: Noah Tinker, BTA Oil Producers, LLC

Christian Llull, P.G. Senior Project Manager Closure Report June 23, 2025

BTA Oil Producers, LLC

LIST OF ATTACHMENTS

Figures:

Figure 1 – Overview Map

Figure 2 – Topographic Map

Figure 3 – Approximate Release and Site Assessment

Figure 4 – Remediation Extent and Confirmation Sampling Locations

Tables:

Table 1 – Summary of Analytical Results – Soil Assessment

Table 2 – Summary of Analytical Results – Soil Remediation

Appendices:

Appendix A – Liner Inspection Report

Appendix B – C-141 Forms

Appendix C – Site Characterization Data

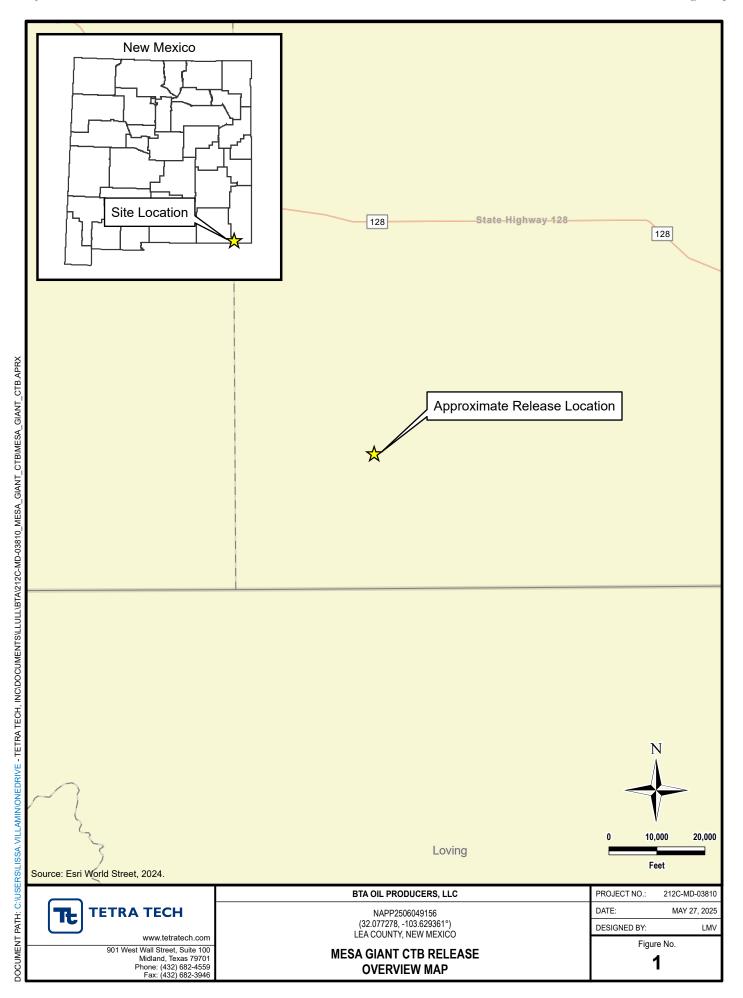
Appendix D - Laboratory Analytical Data

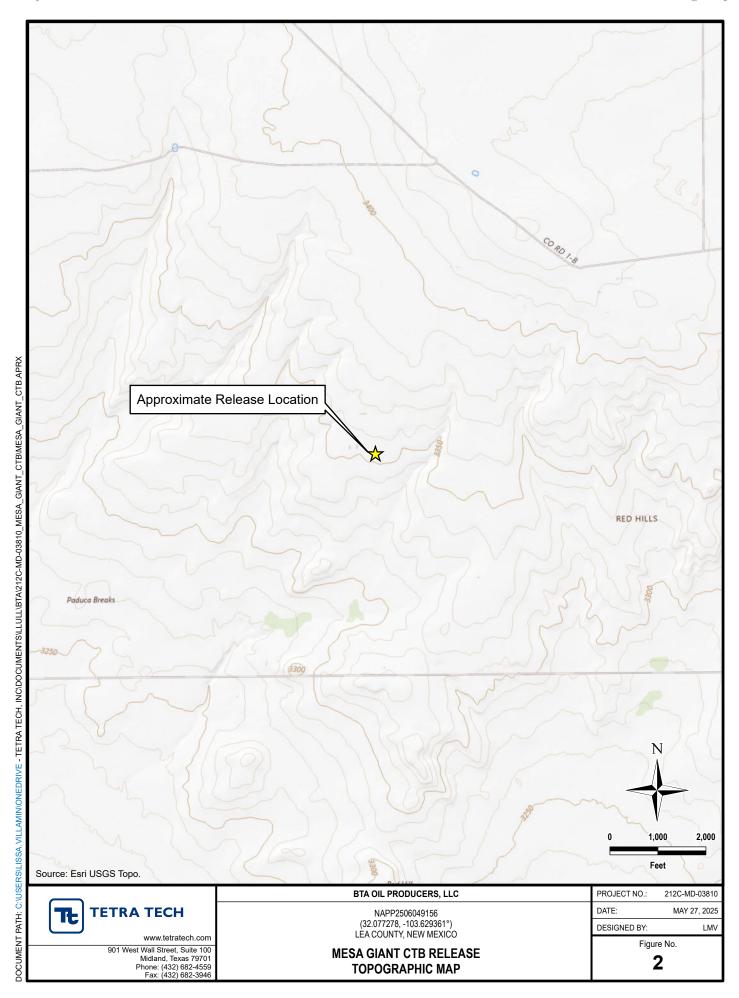
Appendix E – Regulatory Correspondence

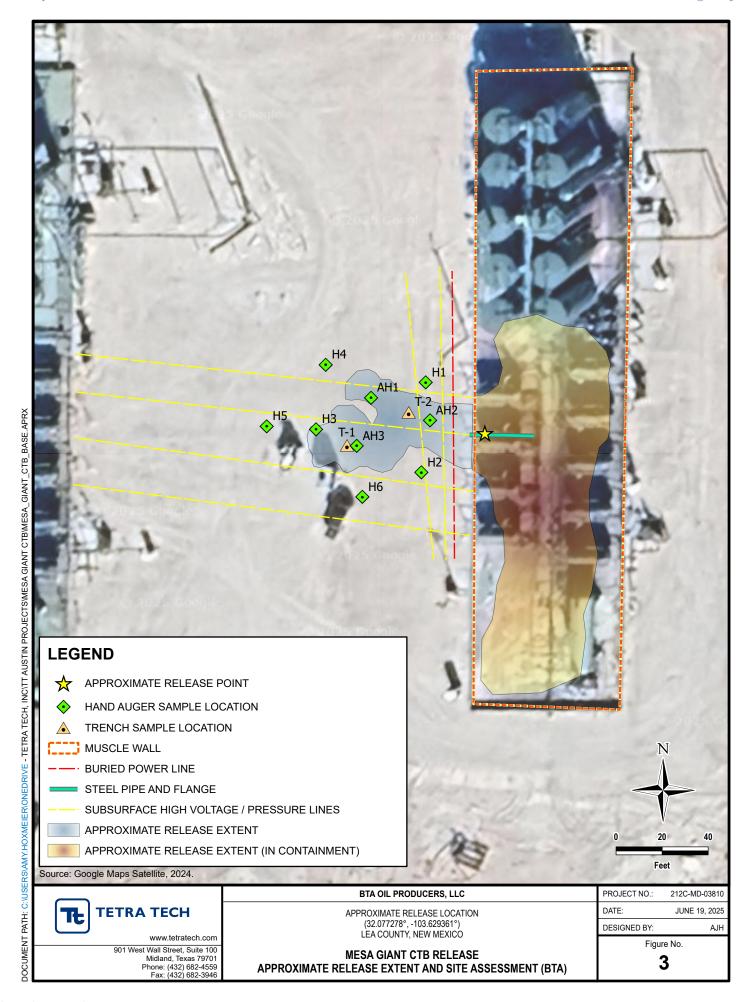
 $\label{eq:continuous} \mbox{Appendix F} - \mbox{Photographic Documentation}$

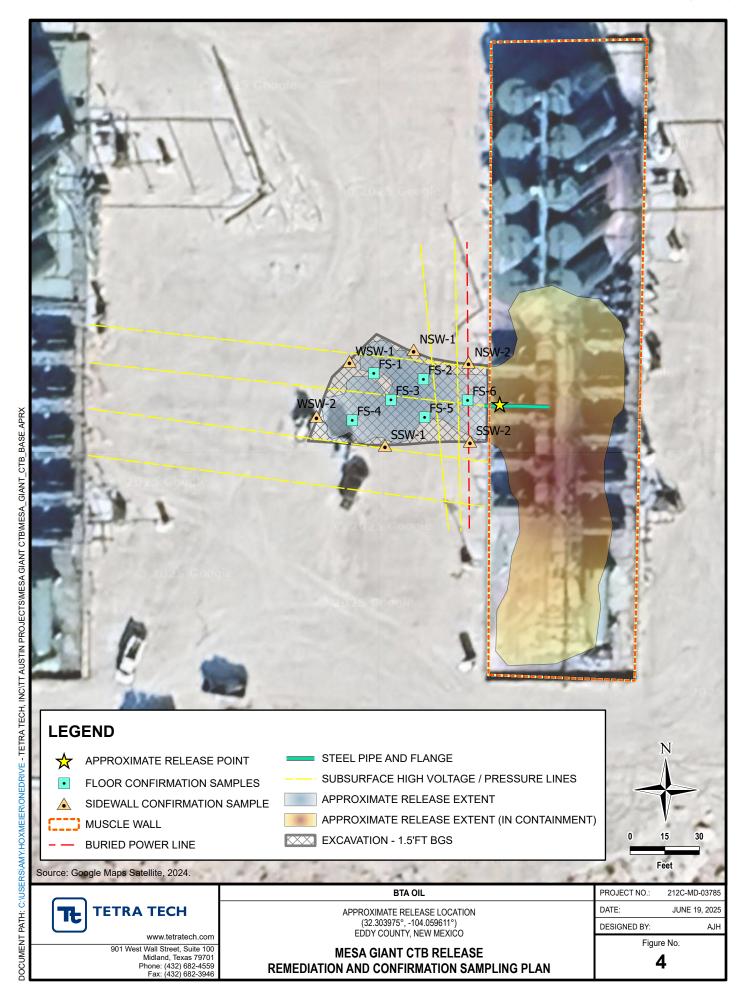
Appendix G – Waste Manifests

FIGURES









TABLES

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TABLE 1 SUMMARY OF ANALYTICAL RESULTS SOIL ASSESSMENT- nAPP2506049156 BTA OIL PRODUCERS, LLC MESA GIANT CTB LEA COUNTY, NM

					BTEX ²										TPH ³								
Sample ID	Sample Date	Sample Depth	th Chloride		Chloride		Benzene		Toluene		Ethylber	7000	Total Vvi	onos	Total B	TEY	GRO		DRO		EXT DRO		Total TPH
Sample 1D	Sample Date				Delizerie		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		(GRO+DRO+EXT DRO)		
		ft. bgs	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		
AH1	3/6/2025	1	367		<0.025		<0.050		<0.050		<0.150		<0.275		<25.0		229		31.1		260		
AH2	3/6/2025	1	578		<0.025		<0.050		<0.050		<0.150		<0.275		53.6		438		64.1		556		
T-2	3/27/2025	3	<16.0		<0.025		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		
АН3	3/6/2025	1	401		<0.025		<0.050		0.097	GC-NC1	1.23	GC-NC1	1.33	GC-NC1	121		680		89.2		890		
T-1	3/27/2025	3	<16.0		<0.025		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-		
H1	3/6/2025	0.5	151		<0.025		<0.050		<0.050		<0.150		<0.275		<25.0		38.9		<25.0		38.9		
H2	3/6/2025	0.5	112		<0.025		<0.050		<0.050		<0.150		<0.275		<25.0		<25.0		<25.0		-		
Н3	3/6/2025	0.5	84.7		<0.025		<0.050		<0.050		<0.150		<0.275		<25.0		221		<25.0		221		
H4	4/2/2025	1	64		<0.025		<0.050		<0.050		<0.150		<0.275		<25.0		<25.0		<25.0		-		
H5	4/2/2025	1	48		<0.025		<0.050		<0.050		<0.150		<0.275		<25.0		<25.0		<25.0		-		
Н6	4/2/2025	1	32		<0.025		<0.050		<0.050		<0.150		<0.275		<25.0		<25.0		<25.0		-		

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

1 Method SM4500Cl-B

Method 8015M

2 Method 8021B

DRO Diesel range organics

Bold and italicized values indicate exceedance of proposed RRALs and Reclamation Requirements.

Shaded rows indicate intervals proposed for excavation.

QUALIFIERS:

GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with

 $interfering\ compounds.$

TABLE 2 SUMMARY OF ANALYTICAL RESULTS SOIL REMEDIATION - nAPP2506049156 BTA OIL PRODUCERS, LLC MESA GIANT CTB LEA COUNTY, NM

					BTEX ²													TPH ³				
Samula ID	Sample Deptl		Chloric	le ¹	Donneno		Toluene	Taluana		Ethylbenzene		Total Xylenes		Total BTCV			DRO		EXT DRO		Total TPH	
Sample ID	Sample Date				Benzene		Toluelle		Ethylbenzei	ile	TOTAL AYIEL	ies	IOLAI DI E	Total BTEX			> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		(GRO+DRO+EXT DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
FS - 1	5/6/2025	2	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS - 2	5/6/2025	2	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS - 3	5/6/2025	2	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS - 4	5/6/2025	2	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		26.7		<10.0		26.7	
FS - 5	5/6/2025	2	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		35.5		<10.0		35.5	
FS - 6	5/6/2025	2	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
NSW - 1	5/6/2025	-	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		52.7		<10.0		52.7	
NSW - 2	5/6/2025	-	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SSW - 1	5/6/2025	-	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SSW - 2	5/6/2025	-	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		51.7		<10.0		51.7	
WSW - 1	5/6/2025	-	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
WSW - 2	5/6/2025	-	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	

NOTES:

3

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

Method 8015M

2 Method 8021B

APPENDIX A Liner Inspection Report



June 23, 2025

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

Re: Liner Inspection Report
BTA Oil Producers, LLC
Mesa Giant CTB Release
Unit Letter C, Section 01, Township 26 South, Range 32 East
Lea County, New Mexico
Incident ID nAPP2506049156

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by BTA Oil Producers, LLC (BTA) to assess and evaluate a release associated with the Mesa Bronco (Giant) Central Tank Battery (CTB). The approximate release site coordinates are 32.077842°, -103.629358°, located in the Public Land Survey System (PLSS) Unit Letter C, Section 01, Township 26 South, Range 32 East, Lea County, New Mexico (Site). The Site location is shown in Figures 1 and 2. The site is located on Federal land.

BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report, the release was discovered on February 28, 2025. Based on the information in the C-141, the cause was corrosion in a flowline, and approximately 23 bbls of oil and 22 bbls of produced water were released. 40 bbls of fluid were recovered during the initial response activities. According to photographic documentation, the release footprint was located both inside the lined containment and on the pad. The footprint did not affect any pasture areas. The on-pad release footprint area is approximately 45' x 60' in area. Tetra Tech has prepared a standalone report for this Site detailing the remedial activities performed and the confirmation sampling results received, which will be submitted under separate cover. This report will be appended to the Remediation Closure Report.

On behalf of BTA, on March 1, 2025, Tetra Tech personnel submitted a notice of release to the New Mexico Oil Conservation Division (NMOCD). The NMOCD approved the Notice of Release (NOR) the same day and subsequently assigned the release Incident Identification (ID) nAPP2506049156. The NMOCD received the initial C-141 on March 5, 2025, and accepted the same day. The initial C-141 form is included in Appendix A.

SITE CHARACTERIZATION

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)

Between 51 and 75 feet bgs

Method used to determine the depth to ground water Attached Document

Tetra Tech

Did this release impact groundwater or surface water?	No
The minimum distance between the closest lateral extents of the release and the following	wing surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 ft
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	Between 1 and 5 miles
Any other fresh water well or spring	Between 1 and 5 miles
Incorporated municipal boundaries or a defined municipal fresh water well field	> 5 miles
A wetland	Between 500 and 1000 ft
A subsurface mine	> 5 miles
A (non-karst) unstable area	Zero feet, overlying, or within area
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 NMOSE reporting system, there are no water wells within ½ mile (800 meters) of the Site. There is one (1) USGS groundwater monitoring well (USGS Site No 320504103361801) located within 1.7 miles of the Site with a depth to groundwater of 232.96 feet bgs (data collected in January 2013). The site characterization data is included in Appendix B.

REGULATORY FRAMEWORK

In accordance with Subsection A(5)(a) of 19.15.29.11 NMAC, If the release occurred within a lined containment area, the responsible party must demonstrate liner integrity after affected material is removed and the affected area of the liner is exposed and provide the following:

- Certification on Form C-141 that the responsible party has visually inspected the liner where the release occurred, and the liner remains intact and had the ability to contain the leak in question; and
- The appropriate division district office is provided with notification at least two business days before conducting the liner inspection.

LINER INTEGRITY

Prior to the liner inspection, the facility was power washed; thus, the integrity of the liner could be inspected and confirmed clean. In accordance with 19.15.29.11(A)(5)(a) NMAC, notification of a liner inspection at the Mesa Giant CTB was submitted via the NMOCD portal on May 29, 2025. The liner inspection notification is included in Appendix C.

On June 9, 2025, Tetra Tech personnel were on site to perform an inspection of the liner within the containment area of the Mesa Giant CTB. This work was completed to verify the integrity of the liner. The liner was observed to underlie the entirety of the tank battery containment area. The liner was intact with no visible rips or tears and encompassed by an approximately 2-foot-tall muscle wall. The liner was anchored on the interior. At the time of the inspection, the liner was intact and had the ability to contain the documented release. Photographic documentation of the liner inspection is included in Appendix D.

This portion of Lea County (area of the Mesa Giant CTB) experienced a rain event after the initial cleaning but prior to the official liner inspection. Photographs of the liner during the inspection indicate areas of standing rainwater from these weather events. It should be recognized that photographs collected after the

Liner Inspection Report June 23, 2025

BTA Oil Producers, LLC

pressure washing activities indicate no fluids on the liners as these activities occurred prior to the rain events. Nonetheless, the standing fluid observed in the official liner inspection photographs lend further evidence to the integrity of the liner as a competent fluid barrier.

CONCLUSION

Based on the results of the liner inspection, BTA respectfully requests closure of the subject line incident. The release occurred within a lined containment area. The liner integrity demonstration is complete. The affected area of the liner has been visually inspected where the release occurred, and the liner remains intact and had the ability to contain the leak in question. Two business days' notice (C-141L) was provided to the appropriate division district office before conducting the liner inspection.

If you have any questions concerning the liner inspection for the Site, please call me at (512) 788-2948.

Christian Llull, P.G.

Senior Project Manager

Sincerely,

Tetra Tech, Inc.

Samantha Allen Project Manager

cc: Noah Tinker, BTA Oil Producers, LLC

fanthe de

TETRA TECH, INC.

Liner Inspection Report June 23, 2025

BTA Oil Producers, LLC

LIST OF ATTACHMENTS

Figures:

Figure 1 – Overview Map

Figure 2 – Topographic Map

Figure 3 – Approximate Release Extent and Liner Inspection

Appendices:

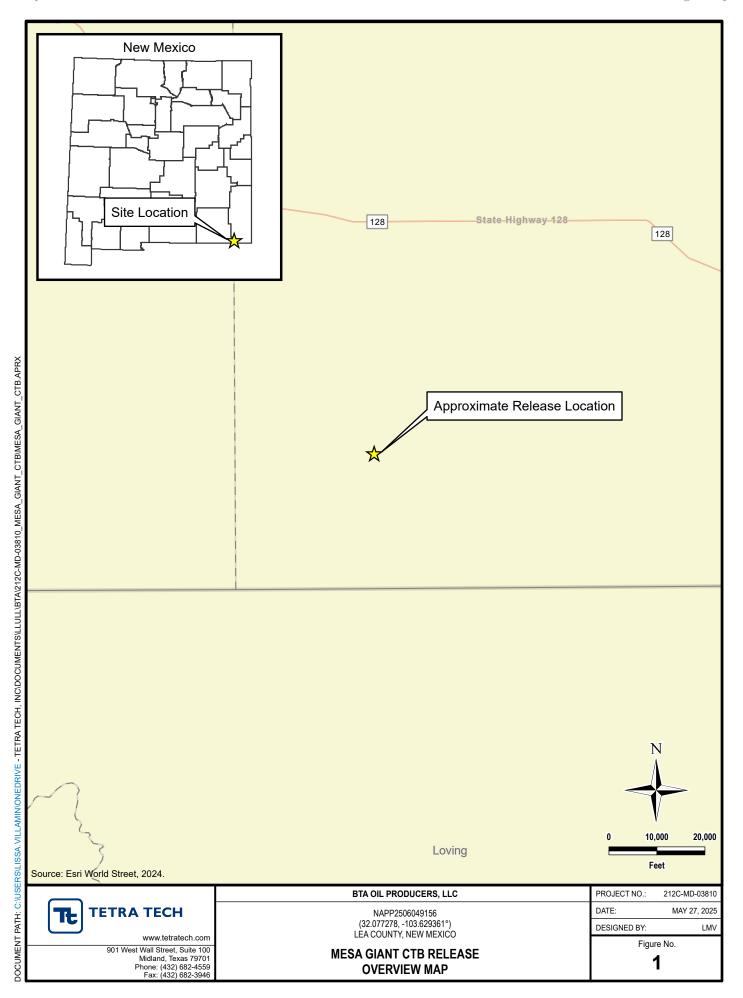
Appendix A - C-141 Forms

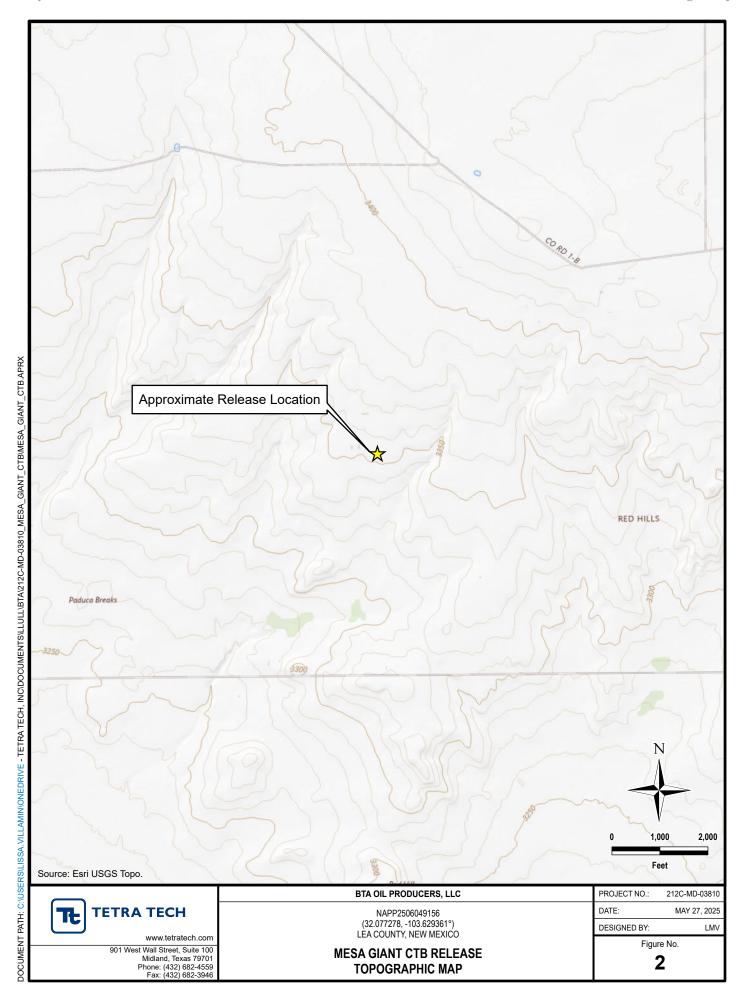
Appendix B – Site Characterization Data

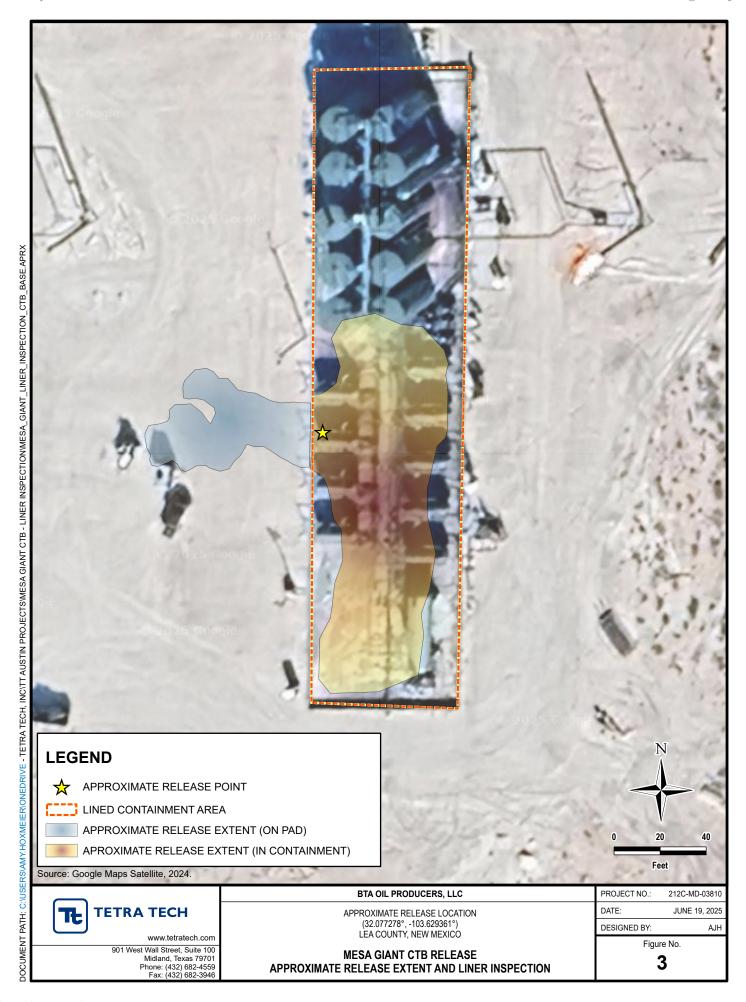
Appendix C – Regulatory Correspondence

Appendix D – Photographic Documentation

FIGURES







APPENDIX A C-141 Forms



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to

right file.)	closed)			largest	t)								(meters)		(In feet)	
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	Depth Water	
C 04485 POD1		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2	•	1788	55		
C 04537 POD1		C	LE	SE	SE	SE	31	25S	33E	631846.7	3550243.2	•	2512	500	280	220
C 04549 POD1		CUB	LE	NW	NW	NW	11	26S	32E	627111.4	3548316.9	•	2741	0	0	0
C 04547 POD1		CUB	LE	NE	SE	SE	07	26S	33E	631685.9	3547262.2	•	3505	112		
C 04880 POD1		CUB	LE	SW	SE	SE	14	26S	32E	628447.5	3545287.3	•	4687	112		
C 04879 POD1		CUB	LE	SW	NW	NW	28	25S	32E	623889.6	3552875.3	•	6234	55		

Average Depth to Water: 140 feet

Minimum Depth: **0 feet**

Maximum Depth: 280 feet

Record Count: 6

UTM Filters (in meters):

Easting: 629360.00 **Northing:** 3549885.00

Radius: 006400

* UTM location was derived from PLSS - see Help

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

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

0.5 mi

0.13

0.8 km

OCD Karst Potential



3/3/2025, 2:50:15 PM

Karst Occurrence Potential

Low

Medium

. Released to Imaging: 3/5/2025 1:57:20 PM

0.2 mi

0.1

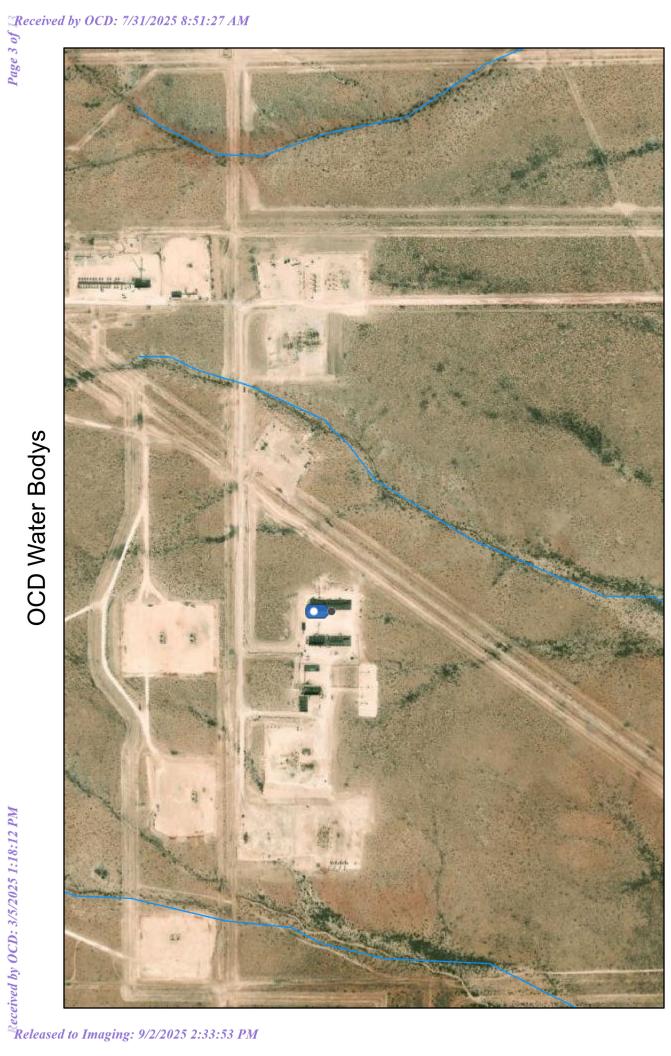
0.05

1:9,028

New Mexico Oil Conservation Division Ner/Index.html?id=4d017f2306164de29fd2fb9f8f35ca75; New Mexico Oil Conservation Division

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

OCD Water Bodys



3/3/2025, 2:48:56 PM

OSE Streams

Page 4 of

National Wetlands Inventory

National Wetlands Inventory U.S. Fish and Wildlife Service



March 3, 2025

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Forested/Shrub Wetland Freshwater Emergent Wetland

Freshwater Pond

Lake

Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Other

Riverine

Legend
SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUNG
WIthout Base Flood Elevation (BFE) (App. 2010 A. V. A99)

HAZARD AREAS SPECIAL FLOOD

With BFE or Depth Zone AE, AO, AH, VE, ARO

0.2% Annual Chance Flood Hazard, Arrest of 1% annual chance flood with average depth less than one foot or with drain areas of less than one square mile zo strange.

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 W Future Conditions 1% Annual

NO SCREEN Area of Minimal Flood Hazard Zone X

Effective LOMRs

Area of Undetermined Flood Hazard Zone D

- - - Channel, Culvert, or Storm Sewer GENERAL | - - - - Channel, Culvert, or Storr STRUCTURES | 1111111 Levee, Dike, or Floodwall

Cross Sections with 1% Annual Chance (B) 20.2

Base Flood Elevation Line (BFE) Water Surface Elevation Coastal Transect Limit of Study mm 513 mm

Jurisdiction Boundary

Coastal Transect Baseline

Hydrographic Feature

Digital Data Available

No Digital Data Available

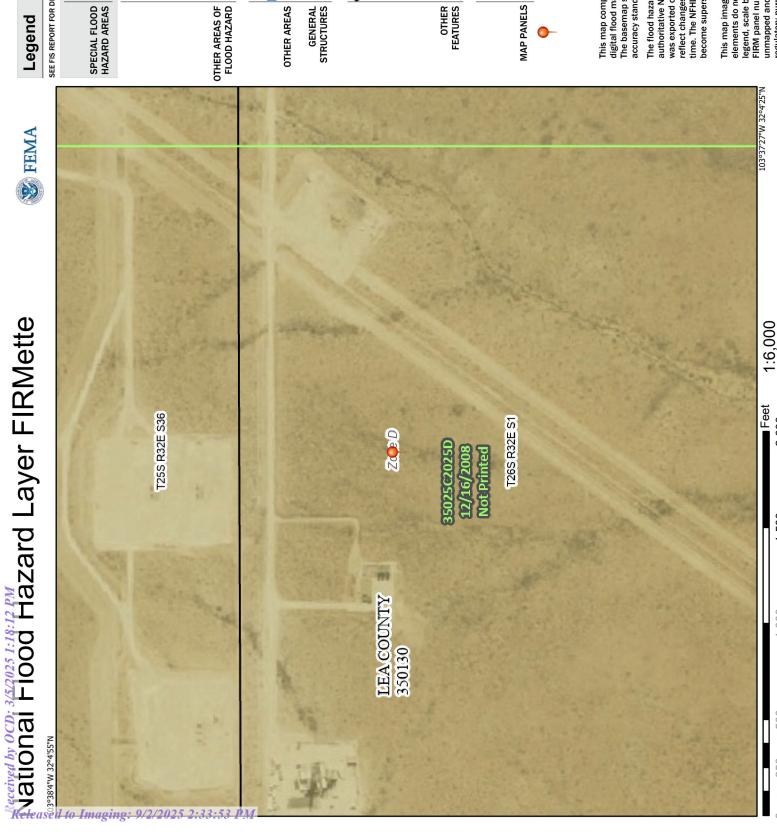
Unmapped

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 The basemap shown complies with FEMA's basemap digital flood maps if it is not void as described below accuracy standards

authoritative NFHL web services provided by FEMA. This map reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or The flood hazard information is derived directly from the was exported on 3/3/2025 at 8:54 PM and does not become superseded by new data over time.

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



1,500

0.03 mi

1:1,128 0.01

0.01

New Mexico Oil Conservation Division Index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

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

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/

3/3/2025, 2:47:24 PM Land Ownership

BLM

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

1.6 km

Ē

0.25

10 mi.

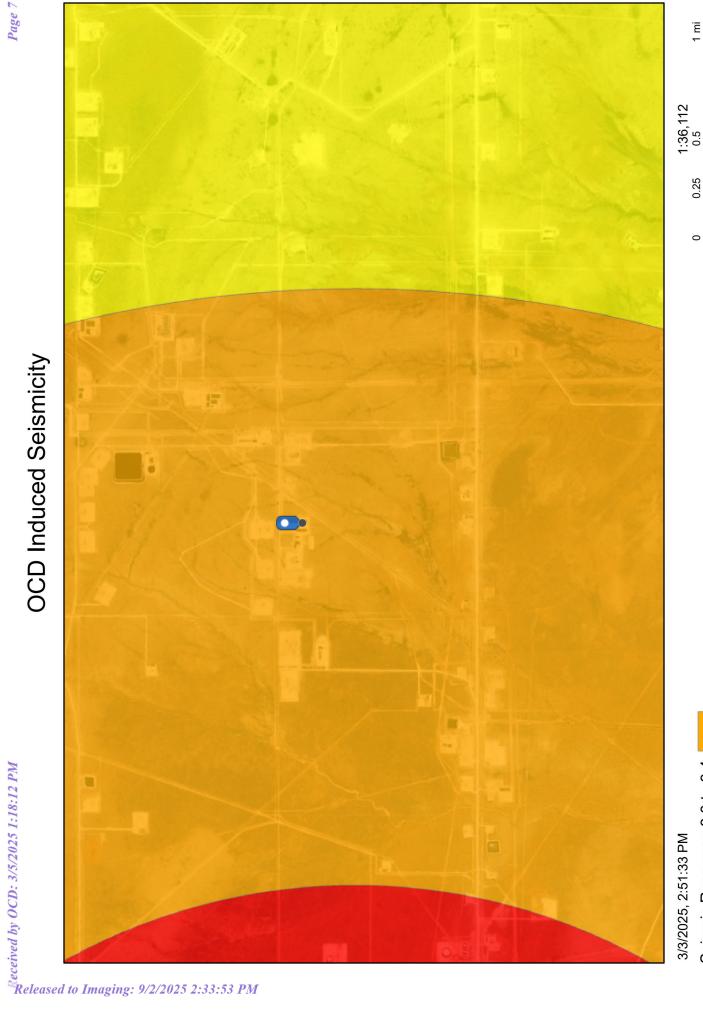
6 mi.

Seismic Response 3.0 to 3.4

3 mi.

OCD Induced Seismicity

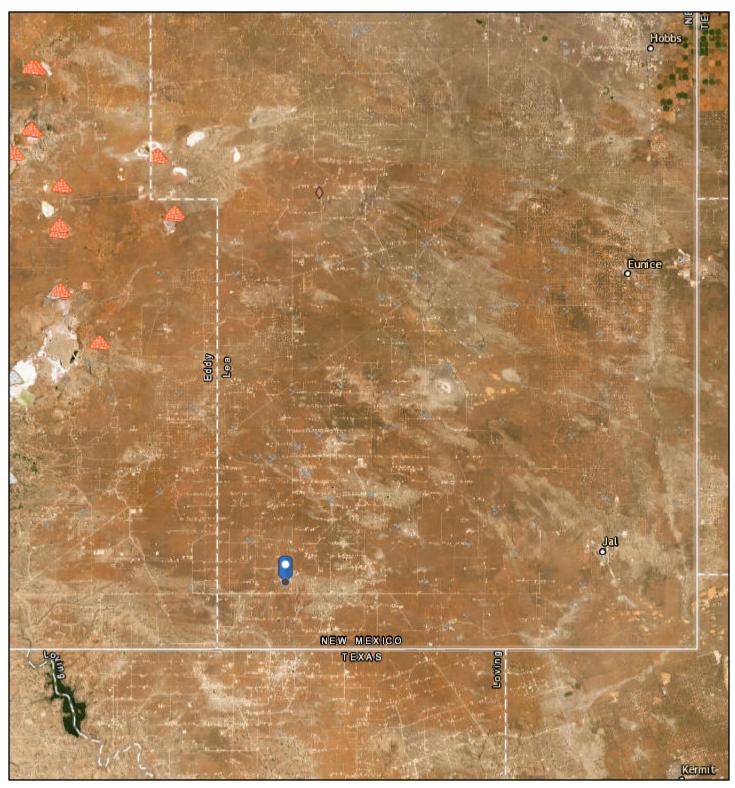
Page 7 of



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

. Released to Imaging: 3/5/2025 1:57:20 PM

Active Mines in New Mexico



3/3/2025, 2:53:34 PM

Registered Mines

Aggregate, Stone etc.

- Aggregate, Stone etc.
- Aggregate, Stone etc.

Aggregate, Stone etc.

Aggregate, Stone etc.

Industrial Minerals (Other)

Potash

Salt

1:577,791 4.25 8.5 17 mi 5 20 km 10

Esri, HERE, Garmin, Earthstar Geographics

EMNRD MMD GIS Coordinator

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

Release Loc	ation Name: Mes	a Giant CTB			Date of Release:	28/2025				
	flov	•			n equipment, i.e wellhead, st pump, or storage tank place a	_		_		
				In	put Data:					
						OIL:	WAT	ER:		
If spill volur	nes from measure	ment, i.e. metering,	tank volumes,	, etc.are kno	wn enter the volumes here:	0.0000 BBI	L 0.00	00 BBL		
If "knov	vn" spill volumes	are given, input da	ta for the foll	lowing "Are	a Calculations" is optional.	The above will	override the calcu	lated vo	lumes.	
	Total Area Cal				•		Liquid Calculat			
			wet soil				•			
Total Surface Area	width	length	depth	oil (%)	Standing Liquid Area	width	leng	th	liquid depth	oil (%)
Rectangle Area #1	35.00 ft X	50.00 ft X	1.00 in	10.00%	Rectangle Area #1	75.00 ft	X 150.	00 ft X	0.25 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		00 ft X		0.00%
Rectangle Area #3	0.00 ft X	0.00 ft X	0.00 in	0.00%	Rectangle Area #3	0.00 ft		00 ft X		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		00 ft X	0.00 in	0.00%
Did leak occur before the sep Amount of Free Liquid Recovered: Liquid holding factor *:	40 BBL 0.14 gal per	* sand = .0 * gravelly (c	y loam soil = .14 g	, s <u>pill wets the g</u> er gallon volum 14 gallon liquid gallon liquid pe	rains of the soil. e of soil. per gallon volume of soil. r gallon volume of soil. * g	Recovered: se the following whe ccures when the spi gravelly (caliche) loa	10.00% (percenta en the liquid completely: ill soaked soil is containe am = .25 gallon liquid pe lon liquid per gallon volu	fills the pore ed by barrie er gallon vol	rs, natural (or not).	
		* clay loam	= .16 gallon liquid	d per gallon vo	lume of soil.					
Saturated Soil Volu	me Calculations:				Free Liquid V	olume Calculat	tions:			
		H2O	OIL					120	OIL	
Total Solid/Liquid Volume:	1,750 sq. ft.	131 cu. ft.	15 cu. ft	t.	Total Free Liquid Volume:	11,250 sq.	ft. 2	34 cu. ft.		ft.
Estimated Volumes	Spilled				Estimated Productio	n Volumes Los	st .			
		H2O	OIL				_ -	120	OIL	
	uid in Soil: ee Liquid:	3.3 BBL	0.4 BBL		Estimated Product	tion Spilled:		0.0 BBL	0.0 BBI	-
"	Totals:	41.7 BBL 45.0 BBL	0.0 BBL 0.4 BBL		Estimated Confe	D				
	Totals:	45.0 BBL	U.4 BBL		Estimated Surfa Surface Area:	11,250 sq.	ft.			
Total S	pill Liquid:	45.0 BBL	0.4 BBL		Surface Area:	.2583 acre	Э			
Recovered Volum	nes				Estimated Weights	, and Volumes				
		ERROR - Recove	red volume							
Estimated oil recovered:	4.0 BBL	greater than spille			Saturated Soil =	16.333 lbs	4	46 cu.ft.	5 cu.\	/de
Estimated water recovered:	36.0 BBL	check - ol			Total Liquid =	45 BBL		46 cu.ii. 06 gallon		rua.

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 439312

QUESTIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	439312
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506049156
Incident Name	NAPP2506049156 MESA BRONCO CTB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2322134217] Mesa Bronco CTB

ocation of Release Source						
Please answer all the questions in this group.						
Site Name	Mesa Bronco CTB					
Date Release Discovered	02/28/2025					
Surface Owner	Federal					

Incident Details						
Please answer all the questions in this group.						
Incident Type	Oil 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	or the volumes provided should be attached to the follow-up C-141 submission.					
Crude Oil Released (bbls) Details	Cause: Corrosion Flow Line - Production Crude Oil Released: 23 BBL Recovered: 20 BBL Lost: 3 BBL.					
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 22 BBL Recovered: 20 BBL Lost: 2 BBL.					
Is the concentration of chloride in the produced water >10,000 mg/l	Yes					
Condensate Released (bbls) Details	Not answered.					
Natural Gas Vented (Mcf) Details	Not answered.					
Natural Gas Flared (Mcf) Details	Not answered.					
Other Released Details	Not answered.					
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.					

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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 439312

QUEST	IONS (continued)	
Operator: BTA OIL PRODUCERS, LLC	OGRID: 260297	
104 S Pecos Midland, TX 79701	Action Number: 439312	
midding, 77 70707	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	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.	
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	Not answered.	
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface it does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: Samantha Allen Title: Tetratech Email: Samantha.allen@tetratech.com	

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 439312

QUESTIONS (continued)

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	439312
	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 approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the			
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)			
What method was used to determine the depth to ground water	Estimate or Other			
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	Between 500 and 1000 (ft.)			
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	Between 1 and 5 (mi.)			
Any other fresh water well or spring	Between 1 and 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	Zero feet, overlying, or within area			
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
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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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

CONDITIONS

Action 439312

CONDITIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	439312
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	3/5/2025

APPENDIX BSite Characterization Data

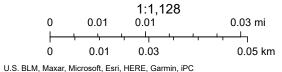
OCD Land Ownership



3/3/2025, 2:47:24 PM

Land Ownership

BLM





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

POD Number

C 04485 POD1

C 04537 POD1 C 04549 POD1

C 04547 POD1

C 04880 POD1

C 04879 POD1

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

Code

CUB

LE

(quarters are

NW NW 28

25S 32E

		larges									(meters)		(In feet)	
Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	Depth Water	
CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2	•	1788	55		
C	LE	SE	SE	SE	31	25S	33E	631846.7	3550243.2	•	2512	500	280	220
CUB	LE	NW	NW	NW	11	26S	32E	627111.4	3548316.9	•	2741	0	0	0
CUB	LE	NE	SE	SE	07	26S	33E	631685.9	3547262.2	•	3505	112		
CUB	LE	SW	SE	SE	14	26S	32E	628447.5	3545287.3	•	4687	112		

623889.6 3552875.3 •

Average Depth to Water: 140 feet

55

6234

Minimum Depth: 0 feet

Maximum Depth: 280 feet

Record Count: 6

UTM Filters (in meters):

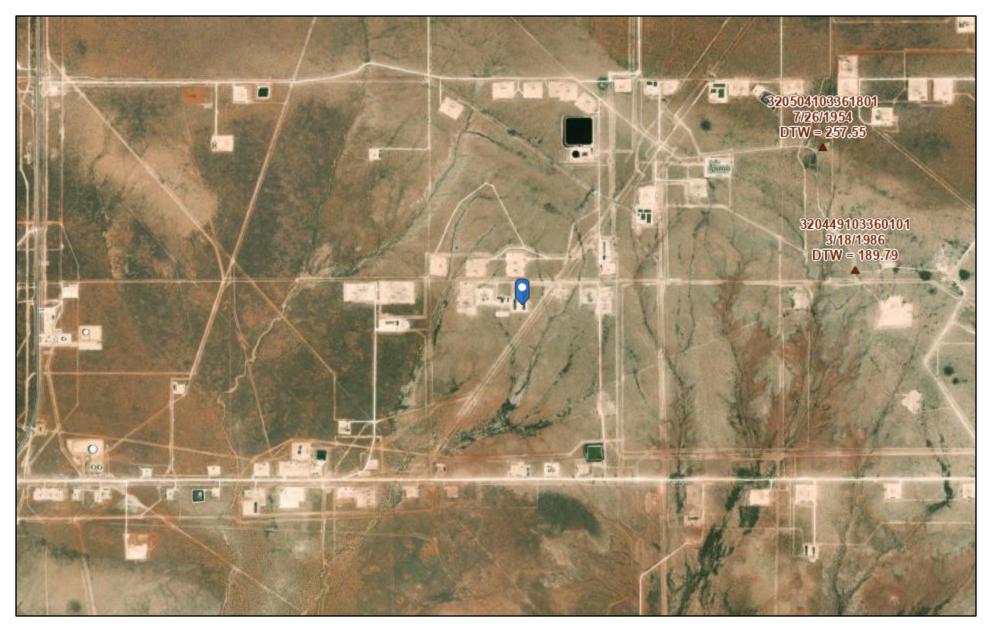
Easting: 629360.00 **Northing:** 3549885.00

Radius: 006400

* UTM location was derived from PLSS - see Help

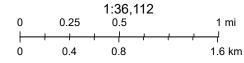
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

OCD Groundwater Wells



5/22/2025, 2:29:16 PM

USGS Historical GW Wells



Esri, HERE, Garmin, USGS, Maxar

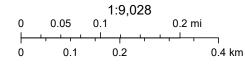
Received by OCD: 7/31/2025 8:51:27 AM

OCD Water Bodys



3/3/2025, 2:48:56 PM

OSE Streams



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

OCD Karst Potential

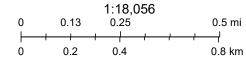


3/3/2025, 2:50:15 PM

Karst Occurrence Potential



Medium



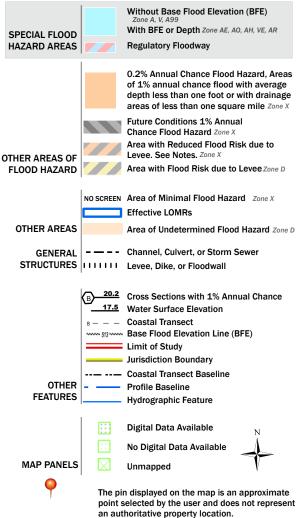
BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, iPC, Maxar

Received by OCD: 7/31/2025 8:51:27,AM National Flood Hazard Layer FIRMette



Legend

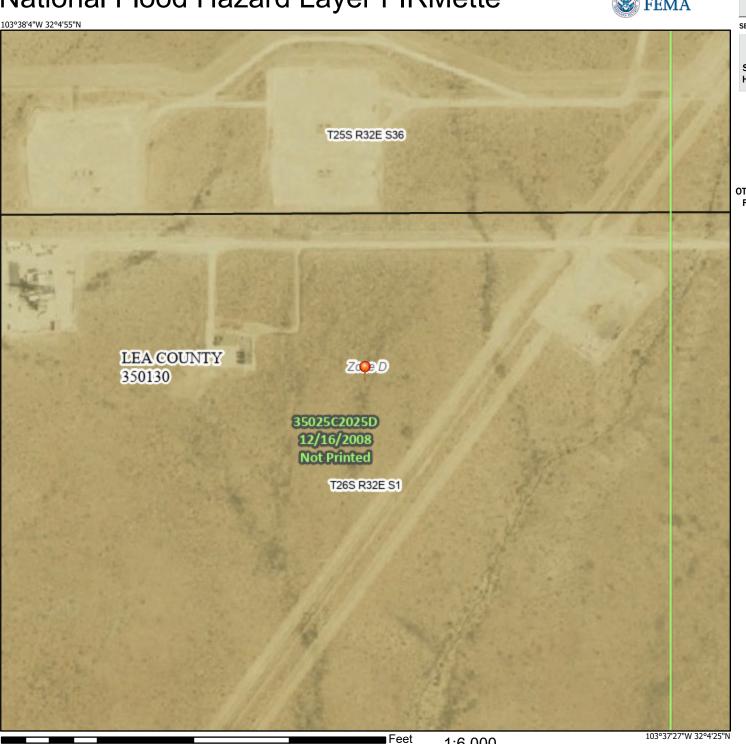
SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



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 3/3/2025 at 8:54 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.

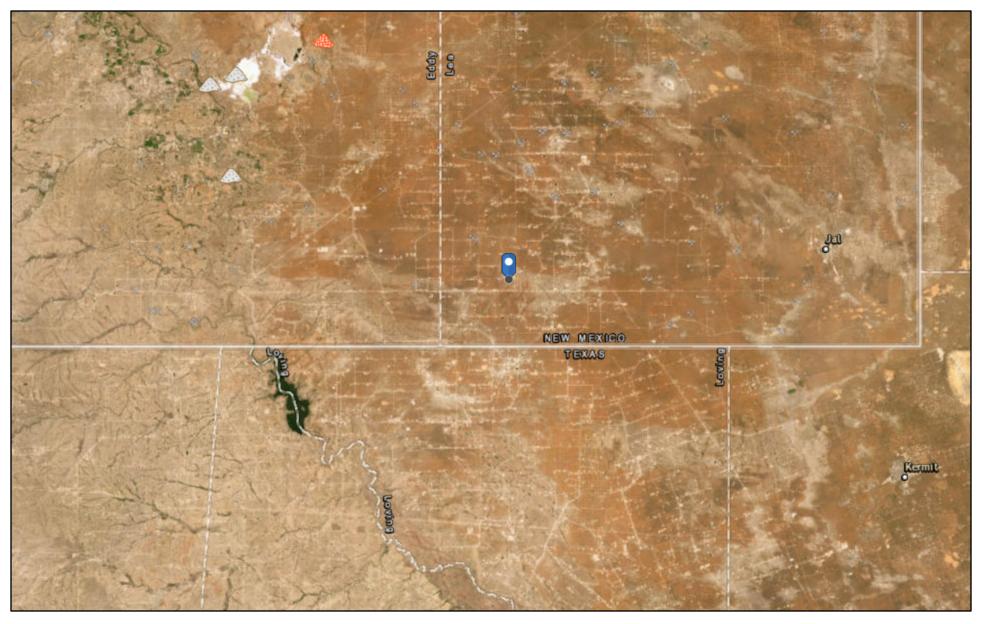
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



OReleas 24 to Imaging: 9/2/2025 2:999:53 PM

2,000

Active Mines in New Mexico



5/22/2025, 2:35:23 PM

Registered Mines

Aggregate, Stone etc.

Aggregate, Stone etc.



Potash

Aggregate, Stone etc.



Salt



Esri, HERE, Garmin, Earthstar Geographics



National Wetlands Inventory



March 3, 2025

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

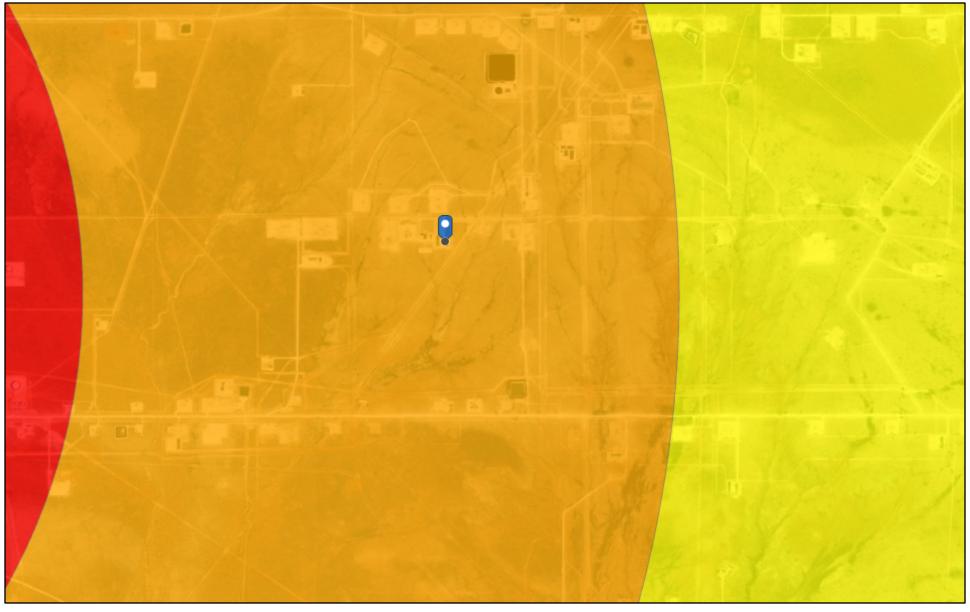
Other

Riverine



This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

OCD Induced Seismicity



3/3/2025, 2:51:33 PM

Seismic Response 3.0 to 3.4

3 mi.

6 mi.

10 mi.

1:36,112 0 0.25 0.5 1 mi 1 0 0.4 0.8 1.6 km

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

APPENDIX C Regulatory Correspondence

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 468727

QUESTIONS

Operator:	OGRID:		
BTA OIL PRODUCERS, LLC	260297		
104 S Pecos	Action Number:		
Midland, TX 79701	468727		
	Action Type:		
	[NOTIFY] Notification Of Liner Inspection (C-141L)		

QUESTIONS

rerequisites					
Incident ID (n#)	nAPP2506049156				
Incident Name	NAPP2506049156 MESA BRONCO CTB @ 0				
Incident Type	Oil Release				
Incident Status	Initial C-141 Approved				
Incident Facility	[fAPP2322134217] Mesa Bronco CTB				

Location of Release Source					
Site Name	Mesa Bronco CTB				
Date Release Discovered	02/28/2025				
Surface Owner	Federal				

Liner Inspection Event Information						
lease answer all the questions in this group.						
What is the liner inspection surface area in square feet	18,150					
Have all the impacted materials been removed from the liner	Yes					
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	06/05/2025					
Time liner inspection will commence	11:00 AM					
Please provide any information necessary for observers to liner inspection	On February 28, 2025, corrosion in a flowline caused a release of approximately 23 bbls of oil and 22 bbls of produced water. 40 bbls of fluid were recovered during the initial response activities. According to photographic documentation, the release footprint was located both inside the lined containment and on the pad. The facility has been power washed and cleaned					
Please provide any information necessary for navigation to liner inspection site	32.077842°, -103.629358°					

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General Information Phone: (505) 629-6116

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

CONDITIONS

Action 468727

CONDITIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	468727
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

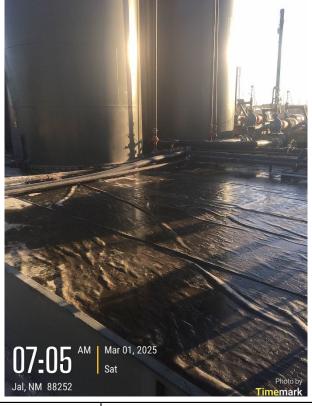
CONDITIONS

Cre By	eated		Condition Date
S	allen	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	5/29/2025

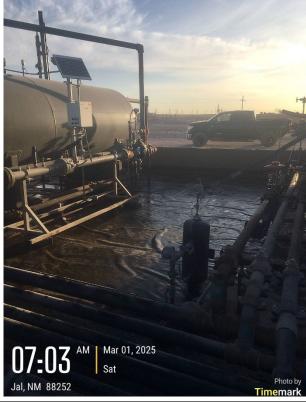
APPENDIX D Photographic Documentation



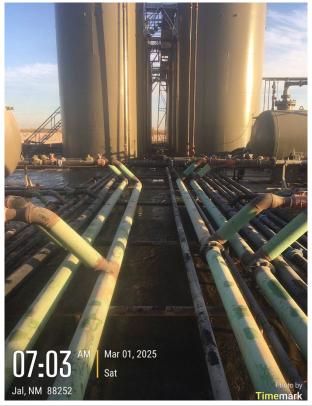
TETRA TECH, INC. PROJECT NO. 212C-MD-03810	DESCRIPTION	View of approximate release extent inside tank battery containment.	1
	SITE NAME	Mesa Giant CTB Release	3/1/2025



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View of approximate release extent inside tank battery containment.	2
212C-MD-03810	SITE NAME	Mesa Giant CTB Release	3/1/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03810	DESCRIPTION	View of approximate release extent inside tank battery containment.	3
	SITE NAME	Mesa Giant CTB Release	3/1/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03810	DESCRIPTION	View of approximate release extent inside tank battery containment.	4
	SITE NAME	Mesa Giant CTB Release	3/1/2025



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View east. Inside tank battery containment. Current lined containment conditions: no rips, holes, or tears observed.	5
212C-MD-03810	SITE NAME	Mesa Giant CTB Release	6/9/2025



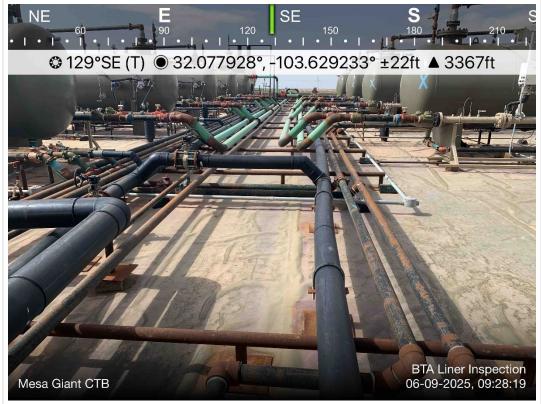
TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View south. Inside tank battery containment. Current lined containment conditions: no rips, holes, or tears observed.	6
212C-MD-03810	SITE NAME	Mesa Giant CTB Release	6/9/2025



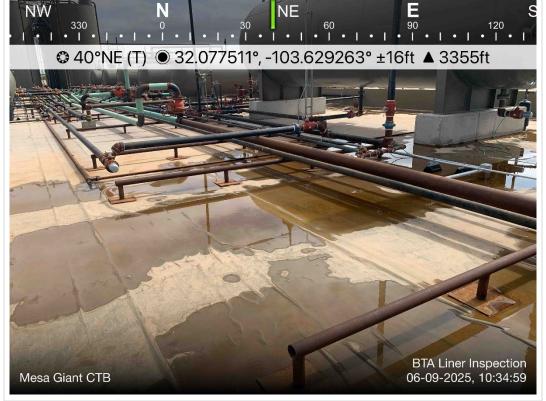
TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View southwest. Inside tank battery containment. Current lined containment conditions: no rips, holes, or tears observed.	7
212C-MD-03810	SITE NAME	Mesa Giant CTB Release	6/9/2025



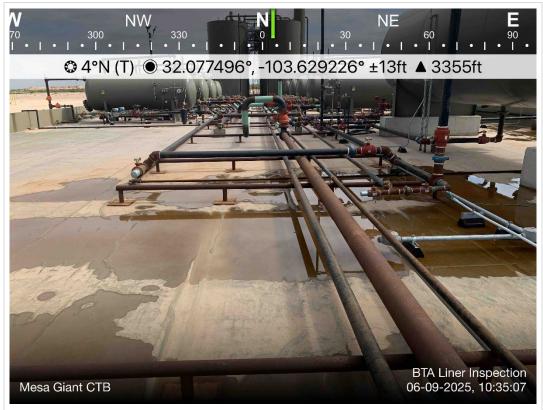
TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View south. Inside tank battery containment. Current lined containment conditions: no rips, holes, or tears observed.	8
212C-MD-03810	SITE NAME	Mesa Giant CTB Release	6/9/2025



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View southeast. Inside tank battery containment. Current lined containment conditions: no rips, holes, or tears observed.	9
212C-MD-03810	SITE NAME	Mesa Giant CTB Release	6/9/2025



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View northeast. Inside tank battery containment post rain event. Current lined containment conditions: no rips, holes, or tears observed.	10
212C-MD-03810	SITE NAME	Mesa Giant CTB Release	6/9/2025



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View south. Inside tank battery containment post rain event. Current lined containment conditions: no rips, holes, or tears observed.	11
212C-MD-03810	SITE NAME	Mesa Giant CTB Release	6/9/2025

APPENDIX B C-141 Forms



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

P(CCCCCC

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

(quarters are smallest to

erves a water ight file.)	closed)			larges									(meters)		(In feet)	ı
POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	Depth Water	
C 04485 POD1		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2	•	1788	55		
C 04537 POD1		C	LE	SE	SE	SE	31	25S	33E	631846.7	3550243.2	•	2512	500	280	220
C 04549 POD1		CUB	LE	NW	NW	NW	11	26S	32E	627111.4	3548316.9	•	2741	0	0	0
C 04547 POD1		CUB	LE	NE	SE	SE	07	26S	33E	631685.9	3547262.2	•	3505	112		
C 04880 POD1		CUB	LE	SW	SE	SE	14	26S	32E	628447.5	3545287.3	•	4687	112		
C 04879 POD1		CUB	LE	SW	NW	NW	28	25S	32E	623889.6	3552875.3	•	6234	55		

Average Depth to Water: 140 feet

Minimum Depth: **0 feet**

Maximum Depth: 280 feet

Record Count: 6

UTM Filters (in meters):

Easting: 629360.00 **Northing:** 3549885.00

Radius: 006400

* UTM location was derived from PLSS - see Help

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

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

0.5 mi

0.13

0.8 km

OCD Karst Potential



3/3/2025, 2:50:15 PM

Karst Occurrence Potential

Low

Medium

. Released to Imaging: 3/5/2025 1:57:20 PM

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

0.2 mi

0.1

0.05

1:9,028

OCD Water Bodys



OSE Streams 3/3/2025, 2:48:56 PM

Page 4 of

National Wetlands Inventory

National Wetlands Inventory U.S. Fish and Wildlife Service



March 3, 2025

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Forested/Shrub Wetland Freshwater Emergent Wetland

Freshwater Pond

Lake

Other

Riverine

Released to Imaging: 3/5/2025 1:57:20 PM

With BFE or Depth Zone AE, AO, AH, VE, ARO

0.2% Annual Chance Flood Hazard, Arrest of 1% annual chance flood with average depth less than one foot or with drain areas of less than one square mile zo strange.

Future Conditions 1% Annual
Chance Flood Hazard Zone X
Area with Reduced Flood Risk due to
Levee. See Notes. Zone X Future Conditions 1% Annual

Area with Flood Risk due to Levee zone W

NO SCREEN Area of Minimal Flood Hazard Zone X

Effective LOMRs

Area of Undetermined Flood Hazard Zone D

- - - Channel, Culvert, or Storm Sewer GENERAL | - - - - Channel, Culvert, or Storr STRUCTURES | 1111111 Levee, Dike, or Floodwall

Cross Sections with 1% Annual Chance Water Surface Elevation (B) 20.2

Base Flood Elevation Line (BFE) Coastal Transect Limit of Study mm 513 mm

Jurisdiction Boundary

Coastal Transect Baseline

Hydrographic Feature

No Digital Data Available Digital Data Available

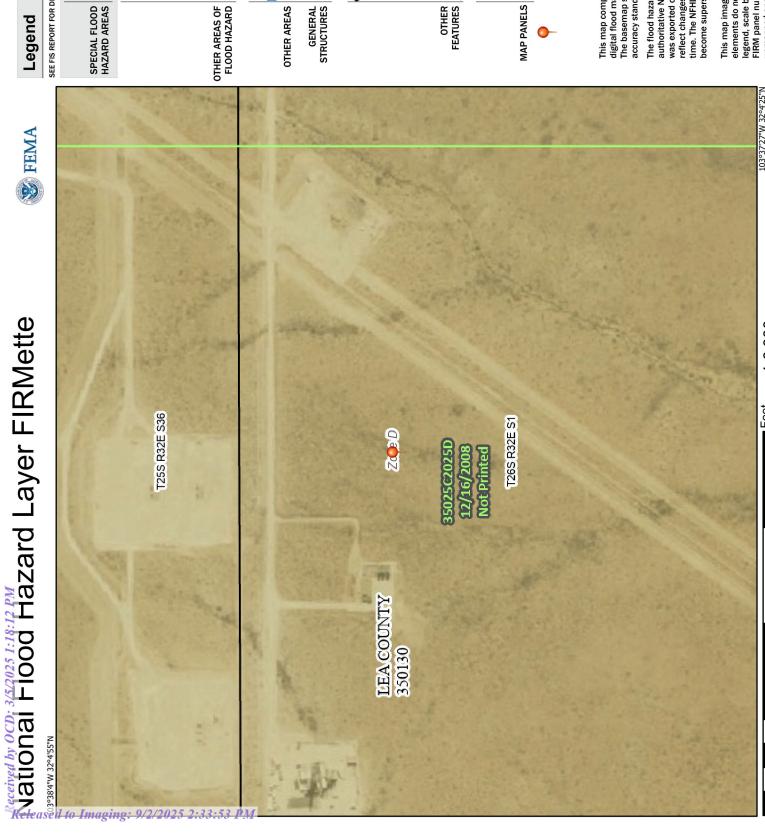
Unmapped

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 The basemap shown complies with FEMA's basemap digital flood maps if it is not void as described below accuracy standards

authoritative NFHL web services provided by FEMA. This map reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or The flood hazard information is derived directly from the was exported on 3/3/2025 at 8:54 PM and does not become superseded by new data over time.

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



1:6,000

1,500

Basemap Imagery Source: USGS National Map 2023

0.03 mi

1:1,128 0.01

0.01

New Mexico Oil Conservation Division Index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

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

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/

OCD Land Ownership

3/3/2025, 2:47:24 PM Land Ownership

BLM





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

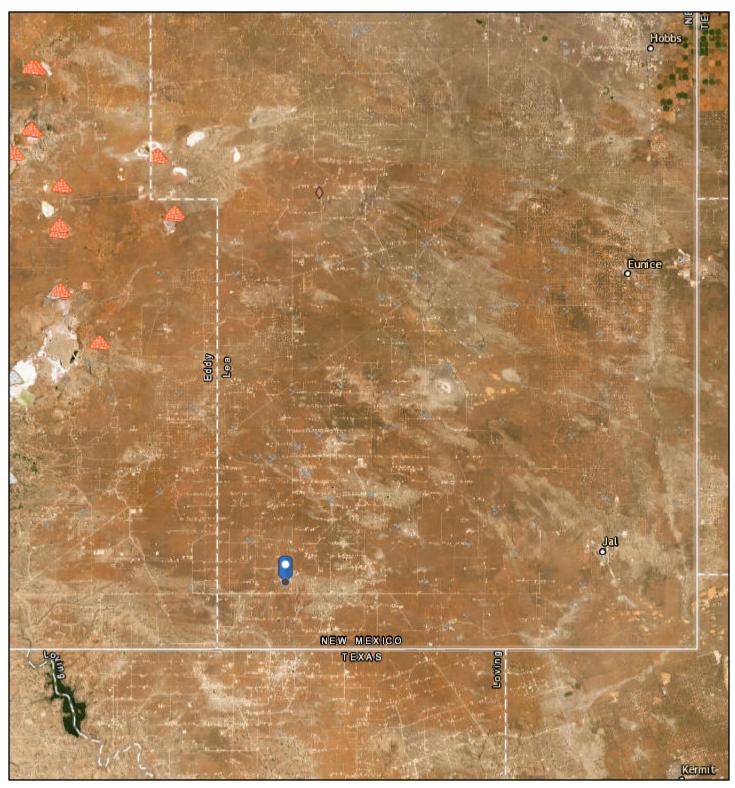
Seismic Response 3.0 to 3.4 3/3/2025, 2:51:33 PM

10 mi.

6 mi.

3 mi.

Active Mines in New Mexico



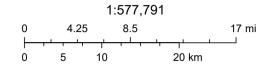
3/3/2025, 2:53:34 PM

Registered Mines

- Aggregate, Stone etc.
- Aggregate, Stone etc.
- Aggregate, Stone etc.

Potash

Salt



Esri, HERE, Garmin, Earthstar Geographics

Aggregate, Stone etc.

EMNRD MMD GIS Coordinator

Aggregate, Stone etc.

Industrial Minerals (Other)

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

Release Loca	ation Name: Mes	a Giant CTB		_	Date of Release:	2/2	28/2025				
	flo	•		•	n equipment, i.e wellhead, st pump, or storage tank place a		C				
				In	put Data:						
					•	OIL:	WA	ATER:			
lf spill volum	nes from measure	ment, i.e. metering,	tank volumes	, etc.are kno	wn enter the volumes here:	0.0000 BB	L 0.	0000 BE	BL		
If "know	n" spill volumes	are given, input da	ta for the fol	lowing "Are	a Calculations" is optional.	The above will	override the cal	culated	volun	nes.	
	Total Area Ca						Liquid Calcul				
			wet soil				•				
Total Surface Area	width	length	depth	oil (%)	Standing Liquid Area	width		ngth		liquid depth	oil (%)
Rectangle Area #1	35.00 ft X	50.00 ft X	1.00 in	10.00%	Rectangle Area #1	75.00 ft		50.00 ft	X	0.25 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		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	Х	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	Х	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	Х	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	Χ	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%
Average Daily Production: Did leak occur before the sepa Amount of Free Liquid Recovered: Liquid holding factor *:	Oil BBL arator?: BBL O.14 gal per	* sand = .0 * gravelly (o		<u>spill wets the gr</u> er gallon volum 14 gallon liquid gallon liquid pe	rains of the soil. e of soil. per gallon volume of soil. r gallon volume of soil. * g	Recovered: se the following whe ccures when the sp gravelly (caliche) los	10.00% (perce en the liquid complete ill soaked soil is conta am = .25 gallon liquid lon liquid per gallon v	ely fills the ained by ba I per gallor	arriers, i n volum	natural (or not).	
Saturated Soil Volun	na Calaulatiana.				Eran Limid V	olume Calcula	tional				
Saturated Soll Volum	ne Galculations.	H2O	OIL		riee Liquid V	Giunne Gaicula	uona.	H2O		OIL	
Total Solid/Liquid Volume:	1,750 sq. ft.	131 cu. ft.	15 cu.	ft.	Total Free Liquid Volume:	11,250 sq.	ft.	234 cu	ı. ft.	Cu.	ft.
	.,					,200 04.					
Estimated Volumes S	Spilled	1120	011		Estimated Productio	n Volumes Los	<u>st</u>	1120		OII.	
Liqu	id in Soil:	<u>H2O</u> 3.3 BBL	<u>OIL</u> 0.4 BBL		Estimated Product	tion Spilled:		H2O 0.0 BE	3L	<u>OIL</u> 0.0 BBL	_
Fre	ee Liquid:	41.7 BBL	0.0 BBL	_		•					
	Totals:	45.0 BBL	0.4 BBI		Estimated Surfa	ce Damage					
					Surface Area:	11,250 sq.	ft.				
Total Sp	oill Liquid:	45.0 BBL	0.4 BBI	_	Surface Area:	.2583 acr					
					Fadin 4 1344 1 1 1						
Recovered Volum	<u>ies</u>				Estimated Weights	, and Volumes					
		ERROR - Recove									
Estimated oil recovered:	4.0 BBL	greater than spill	ed volume		Saturated Soil =	16,333 lbs		146 cu	ı.ft.	5 cu.y	ds.
Estimated water recovered:	36.0 BBL	check - ol	кау		Total Liquid =	45 BBI	L 1	1, <mark>906</mark> ga	ıllon	15,857 lbs	

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 439312

QUESTIONS

Operator: OGRID:	:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos Action N	Number:
Midland, TX 79701	439312
Action T	Туре:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites						
Incident ID (n#)	nAPP2506049156					
Incident Name	NAPP2506049156 MESA BRONCO CTB @ 0					
Incident Type	Oil Release					
Incident Status	Initial C-141 Received					
Incident Facility	[fAPP2322134217] Mesa Bronco CTB					

Location of Release Source					
Please answer all the questions in this group.					
Site Name	Mesa Bronco CTB				
Date Release Discovered	02/28/2025				
Surface Owner	Federal				

Incident Details						
Please answer all the questions in this group.						
Incident Type	Oil 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	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Corrosion Flow Line - Production Crude Oil Released: 23 BBL Recovered: 20 BBL Lost: 3 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 22 BBL Recovered: 20 BBL Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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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 439312

QUEST	IONS (continued)	
Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701		OGRID: 260297 Action Number: 439312
		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 v	olumes 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	Yes	
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major r (1) an unauthorized rele	elease" determine using: ease of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on to	he C-129 form.
Initial Response		
The responsible party must undertake the following actions immediately unless they could create a s The source of the release has been stopped		ıry.
The impacted area has been secured to protect human health and the environment	True 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	Not answered.	
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remed actions to date in the follow-up C-141 submission. If remedial efforts have been successfully comple Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a	a lined containment area (see Subparagraph (a) of Paragraph (5) of
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which may endanger publi adequately investigate and rem	c health or the environment. The acceptance of a C-141 report by ediate contamination that pose a threat to groundwater, surface
I hereby agree and sign off to the above statement	Name: Samantha Allen Title: Tetratech Email: Samantha.allen@tetr	atech.com

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

QUESTIONS

storage site

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 439312

QUESTIONS (continued)

Operator:		OGRID:
BTA	A OIL PRODUCERS, LLC	260297
104 \$	S Pecos	Action Number:
Midla	land, TX 79701	439312
		Action Type:
		[C-141] Initial C-141 (C-141-v-Initial)

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 What is the shallowest depth to groundwater beneath the area affected by the Between 51 and 75 (ft.) release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water

Estimate or Other

, ,		
Did this release impact groundwater or surface water	No	
Vhat 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	Between 500 and 1000 (ft.)	
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	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 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	Zero feet, overlying, or within area	
Categorize the risk of this well / site being in a karst geology	Medium	
A 100-year floodplain	Greater than 5 (mi.)	

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
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.	

No

Did the release impact areas not on an exploration, development, production, or

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General Information Phone: (505) 629-6116

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

CONDITIONS

Action 439312

CONDITIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	439312
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	3/5/2025

APPENDIX C Site Characterization Data

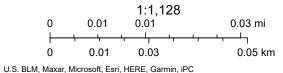
OCD Land Ownership



3/3/2025, 2:47:24 PM

Land Ownership

BLM





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are

laı

arges									(meters)	(In feet)	
Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Depth Water	

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance		Depth Water	
C 04485 POD1		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2	•	1788	55		
<u>C 04537 POD1</u>		С	LE	SE	SE	SE	31	25S	33E	631846.7	3550243.2	•	2512	500	280	220
<u>C 04549 POD1</u>		CUB	LE	NW	NW	NW	11	26S	32E	627111.4	3548316.9	•	2741	0	0	0
<u>C 04547 POD1</u>		CUB	LE	NE	SE	SE	07	26S	33E	631685.9	3547262.2	•	3505	112		
<u>C 04880 POD1</u>		CUB	LE	SW	SE	SE	14	26S	32E	628447.5	3545287.3	•	4687	112		
C 04879 POD1		CUB	LE	SW	NW	NW	28	25S	32E	623889.6	3552875.3		6234	55		

Average Depth to Water: 140 feet

Minimum Depth: 0 feet

Maximum Depth: 280 feet

Record Count: 6

UTM Filters (in meters):

Easting: 629360.00 **Northing:** 3549885.00

Radius: 006400

* UTM location was derived from PLSS - see Help

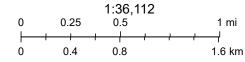
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

OCD Groundwater Wells



5/22/2025, 2:29:16 PM

USGS Historical GW Wells



Esri, HERE, Garmin, USGS, Maxar

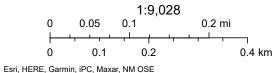
Received by OCD: 7/31/2025 8:51:27 AM

OCD Water Bodys



3/3/2025, 2:48:56 PM

OSE Streams



Page 75 of 151

OCD Karst Potential



3/3/2025, 2:50:15 PM

Karst Occurrence Potential



Medium

1:18,056 0.25 0.5 mi 0.13 0.2 0.4 0.8 km

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

Received by OCD: 7/31/2025 8:51:27,AM National Flood Hazard Layer FIRMette





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

Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 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 OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLILL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** ---- 513---- Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary -- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate point selected by the user and does not represent

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

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/3/2025 at 8:54 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.

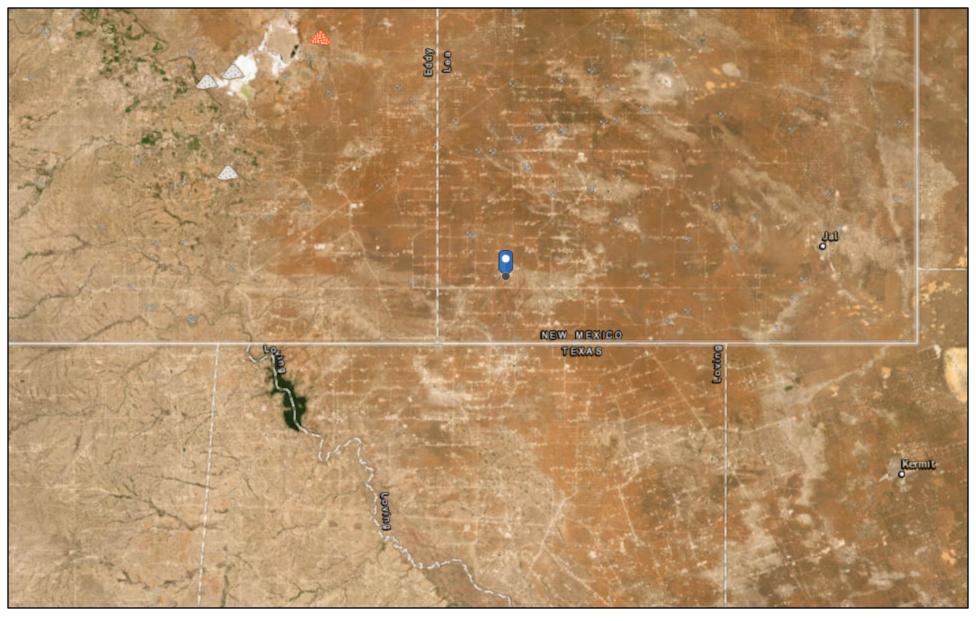
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



OReleas 24 to Imaging: 9/2/2025 2:999:53 PM

2,000

Active Mines in New Mexico



5/22/2025, 2:35:23 PM

Registered Mines

Aggregate, Stone etc.

Aggregate, Stone etc.



Potash

Aggregate, Stone etc.



Salt



Esri, HERE, Garmin, Earthstar Geographics



National Wetlands Inventory



March 3, 2025

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Lake

Freshwater Forested/Shrub Wetland



Other

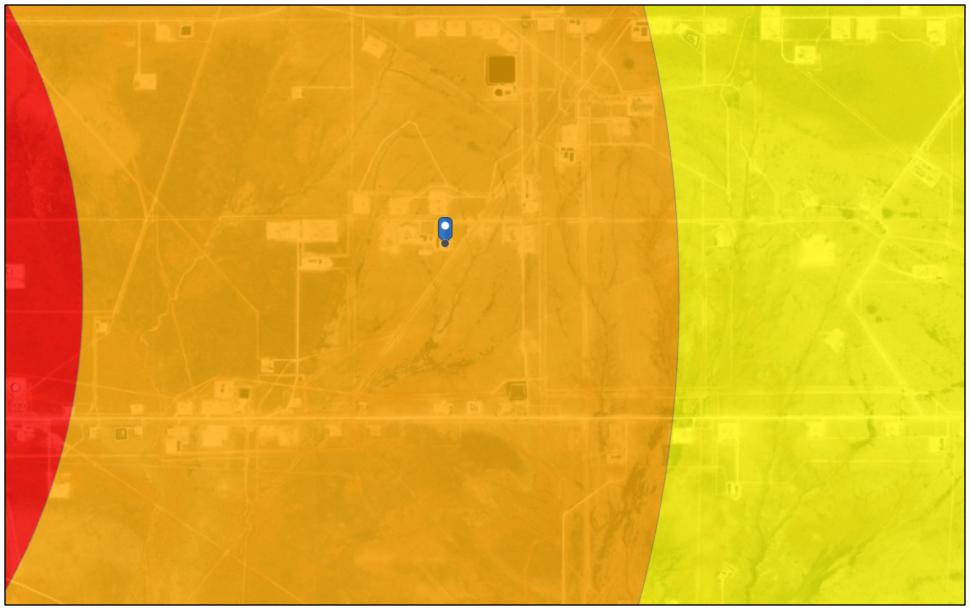
Freshwater Pond



Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

OCD Induced Seismicity

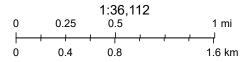


3/3/2025, 2:51:33 PM

Seismic Response 3.0 to 3.4

3 mi.

6 mi. 10 mi.



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

APPENDIX D Laboratory Analytical Data



March 21, 2025

RAY RAMOS

BTA Oil Producers

104 South Pecos

Midland, TX 79701

RE: MESA GIANT

Enclosed are the results of analyses for samples received by the laboratory on 03/07/25 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/ga/lab accredited certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keene

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



Analytical Results For:

BTA Oil Producers 104 South Pecos Midland TX, 79701 Project: MESA GIANT
Project Number: INCIDENT
Project Manager: RAY RAMOS

Reported: 21-Mar-25 12:36

Fax To: (432) 683-0312

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AH 1 @ 12"	H251352-01	Soil	06-Mar-25 08:40	07-Mar-25 09:05
AH 2 @ 12"	H251352-02	Soil	06-Mar-25 08:50	07-Mar-25 09:05
AH 3 @ 12"	H251352-03	Soil	06-Mar-25 09:00	07-Mar-25 09:05
H1 @ 6"	H251352-04	Soil	06-Mar-25 09:10	07-Mar-25 09:05
H 2 @ 6"	H251352-05	Soil	06-Mar-25 09:20	07-Mar-25 09:05
H3 @ 6"	H251352-06	Soil	06-Mar-25 09:30	07-Mar-25 09:05

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Celey D. Keine



Analytical Results For:

BTA Oil Producers 104 South Pecos Midland TX, 79701 Project: MESA GIANT
Project Number: INCIDENT
Project Manager: RAY RAMOS

Reported: 21-Mar-25 12:36

Fax To: (432) 683-0312

AH 1 @ 12" H251352-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by l	EPA Method	8021								S-04
Benzene*	< 0.025		0.025	mg/kg	50	5030721	JН	10-Mar-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Total BTEX	< 0.275		0.275	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			141 %	71.5	-134	5030721	ЈН	10-Mar-25	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C12	<25.0		25.0	mg/kg	1	5030712	MS	07-Mar-25	TX 1005	
DRO >C12-C28	229		25.0	mg/kg	1	5030712	MS	07-Mar-25	TX 1005	
DRO >C28-C35	31.1		25.0	mg/kg	1	5030712	MS	07-Mar-25	TX 1005	
Total TPH C6-C35*	260		25.0	mg/kg	1	5030712	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctane			102 %	48.6	-153	5030712	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctadecane			106 %	41.9	-170	5030712	MS	07-Mar-25	TX 1005	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	367		10.0	mg/kg wet	10	B250673	AWG	19-Mar-25	EPA 300.0	

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Celey D. Keene

Reported:

21-Mar-25 12:36



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

Analytical Results For:

BTA Oil Producers 104 South Pecos Midland TX, 79701 Project: MESA GIANT
Project Number: INCIDENT
Project Manager: RAY RAMOS

lanager: RAY RAMOS Fax To: (432) 683-0312

AH 2 @ 12" H251352-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								S-04
Benzene*	< 0.025		0.025	mg/kg	50	5030721	ЈН	10-Mar-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5030721	JН	10-Mar-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5030721	JН	10-Mar-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5030721	JН	10-Mar-25	8021B	
Total BTEX	< 0.275		0.275	mg/kg	50	5030721	ЈН	10-Mar-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			143 %	71.5	-134	5030721	ЈН	10-Mar-25	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C12	53.6		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
DRO >C12-C28	438		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
DRO >C28-C35	64.1		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
Total TPH C6-C35*	556		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctane			119 %	48.6	-153	5030713	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctadecane			136 %	41.9	-170	5030713	MS	07-Mar-25	TX 1005	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	578		10.0	mg/kg wet	10	B250673	AWG	19-Mar-25	EPA 300.0	

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Celey D. Keine



Analytical Results For:

BTA Oil Producers 104 South Pecos Midland TX, 79701 Project: MESA GIANT
Project Number: INCIDENT
Project Manager: RAY RAMOS

Reported: 21-Mar-25 12:36

Fax To: (432) 683-0312

AH 3 @ 12" H251352-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Volatile Organic Compounds b	y EPA Method	8021								S-04
Benzene*	< 0.025		0.025	mg/kg	50	5030721	ЈН	10-Mar-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Ethylbenzene*	0.097		0.050	mg/kg	50	5030721	JН	10-Mar-25	8021B	GC-NC1
Total Xylenes*	1.23		0.150	mg/kg	50	5030721	JH	10-Mar-25	8021B	GC-NC1
Total BTEX	1.33		0.275	mg/kg	50	5030721	JH	10-Mar-25	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)	<u> </u>		177 %	71.5	-134	5030721	JH	10-Mar-25	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C12	121		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
DRO >C12-C28	680		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
DRO >C28-C35	89.2		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
Total TPH C6-C35*	890		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctane			98.1 %	48.6	-153	5030713	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctadecane			108 %	41.9	-170	5030713	MS	07-Mar-25	TX 1005	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	401		10.0	mg/kg wet	10	B250673	AWG	19-Mar-25	EPA 300.0	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BTA Oil Producers 104 South Pecos Midland TX, 79701 Project: MESA GIANT
Project Number: INCIDENT
Project Manager: RAY RAMOS

Reported: 21-Mar-25 12:36

Fax To: (432) 683-0312

H 1 @ 6" H251352-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.025		0.025	mg/kg	50	5030721	ЈН	10-Mar-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Total BTEX	< 0.275		0.275	mg/kg	50	5030721	JН	10-Mar-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			128 %	71.5-	134	5030721	JH	10-Mar-25	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C12	<25.0		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
DRO >C12-C28	38.9		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
DRO >C28-C35	<25.0		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
Total TPH C6-C35*	38.9		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctane			94.8 %	48.6-	153	5030713	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctadecane			106 %	41.9-	170	5030713	MS	07-Mar-25	TX 1005	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	151		10.0	mg/kg wet	10	B250673	AWG	19-Mar-25	EPA 300.0	

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Celeg D. Keine

Reported:

21-Mar-25 12:36



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

Analytical Results For:

BTA Oil Producers 104 South Pecos Midland TX, 79701 Project: MESA GIANT
Project Number: INCIDENT
Project Manager: RAY RAMOS

1anager: RAY RAMOS Fax To: (432) 683-0312

H 2 @ 6" H251352-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.025		0.025	mg/kg	50	5030721	JН	10-Mar-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5030721	ЈН	10-Mar-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5030721	ЈН	10-Mar-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Total BTEX	< 0.275		0.275	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		128 %	71.5	-134	5030721	ЈН	10-Mar-25	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C12	<25.0		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
DRO >C12-C28	<25.0		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
DRO >C28-C35	<25.0		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
Total TPH C6-C35*	<25.0		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctane			84.4 %	48.6	-153	5030713	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctadecane			93.8 %	41.9	-170	5030713	MS	07-Mar-25	TX 1005	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)	1									
Chloride	112		10.0	mg/kg wet	10	B250673	AWG	19-Mar-25	EPA 300.0	

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Celey D. Keene

Reported:

21-Mar-25 12:36



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

Analytical Results For:

BTA Oil Producers 104 South Pecos Midland TX, 79701 Project: MESA GIANT
Project Number: INCIDENT
Project Manager: RAY RAMOS

Fax To: (432) 683-0312

H 3 @ 6" H251352-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborato	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.025		0.025	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Total BTEX	< 0.275		0.275	mg/kg	50	5030721	JH	10-Mar-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			133 %	71.5-	134	5030721	ЛН	10-Mar-25	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C12	<25.0		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
DRO >C12-C28	221		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
DRO >C28-C35	<25.0		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
Total TPH C6-C35*	221		25.0	mg/kg	1	5030713	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctane			106 %	48.6-	153	5030713	MS	07-Mar-25	TX 1005	
Surrogate: 1-Chlorooctadecane			122 %	41.9-	·170	5030713	MS	07-Mar-25	TX 1005	
			Green Analy	ytical Labo	oratories					
Soluble (DI Water Extraction)										
Chloride	84.7		10.0	mg/kg wet	10	B250673	AWG	19-Mar-25	EPA 300.0	

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Celey D. Keine



%RFC

Analytical Results For:

BTA Oil Producers 104 South Pecos Midland TX, 79701 Project: MESA GIANT
Project Number: INCIDENT
Project Manager: RAY RAMOS

Reported: 21-Mar-25 12:36

RPD

Fax To: (432) 683-0312

Snike

Source

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

		Reporting		Spike	Source		%REC		KPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5030721 - Volatiles										
Blank (5030721-BLK1)				Prepared: (07-Mar-25 A	Analyzed: 1	10-Mar-25			
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)	0.0624		mg/kg	0.0500		125	71.5-134			
LCS (5030721-BS1)				Prepared: (07-Mar-25 A	Analyzed: 1	10-Mar-25			
Benzene	2.03	0.050	mg/kg	2.00		102	82.8-130			
Toluene	2.16	0.050	mg/kg	2.00		108	86-128			
Ethylbenzene	2.36	0.050	mg/kg	2.00		118	85.9-128			
m,p-Xylene	4.89	0.100	mg/kg	4.00		122	89-129			
o-Xylene	2.45	0.050	mg/kg	2.00		122	86.1-125			
Total Xylenes	7.33	0.150	mg/kg	6.00		122	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0585		mg/kg	0.0500		117	71.5-134			
LCS Dup (5030721-BSD1)				Prepared: (07-Mar-25 A	Analyzed: 1	10-Mar-25			
Benzene	1.98	0.050	mg/kg	2.00		98.8	82.8-130	2.86	15.8	
Toluene	2.15	0.050	mg/kg	2.00		107	86-128	0.614	15.9	
Ethylbenzene	2.35	0.050	mg/kg	2.00		117	85.9-128	0.504	16	
m,p-Xylene	4.87	0.100	mg/kg	4.00		122	89-129	0.395	16.2	
o-Xylene	2.44	0.050	mg/kg	2.00		122	86.1-125	0.483	16.7	
Total Xylenes	7.30	0.150	mg/kg	6.00		122	88.2-128	0.425	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0594		mg/kg	0.0500		119	71.5-134			

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BTA Oil Producers 104 South Pecos Midland TX, 79701 Project: MESA GIANT
Project Number: INCIDENT
Project Manager: RAY RAMOS

Reported: 21-Mar-25 12:36

Fax To: (432) 683-0312

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
Batch 5030712 - General Prep - Organics										
Blank (5030712-BLK1)				Prepared &	Analyzed:	07-Mar-25				
GRO C6-C12	ND	25.0	mg/kg							

DRO >C12-C28	ND	25.0	mg/kg						
DRO >C28-C35	ND	25.0	mg/kg						
Total TPH C6-C35	ND	25.0	mg/kg						
Surrogate: 1-Chlorooctane	51.2		mg/kg	50.0	102	48.6-153			
Surrogate: 1-Chlorooctadecane	50.8		mg/kg	50.0	102	41.9-170			
LCS (5030712-BS1)				Prepared & Ana	ılyzed: 07-Mar-25				
GRO C6-C12	198	25.0	mg/kg	200	99.2	77.9-121			
DRO >C12-C28	202	25.0	mg/kg	200	101	68.3-129			
Total TPH C6-C35	401	25.0	mg/kg	400	100	76.2-122			
Surrogate: 1-Chlorooctane	58.4		mg/kg	50.0	117	48.6-153			
Surrogate: 1-Chlorooctadecane	59.3		mg/kg	50.0	119	41.9-170			
LCS Dup (5030712-BSD1)				Prepared & Ana	ılyzed: 07-Mar-25				
GRO C6-C12	192	25.0	mg/kg	200	96.0	77.9-121	3.24	10.7	
DRO >C12-C28	199	25.0	mg/kg	200	99.5	68.3-129	1.34	15.9	
Total TPH C6-C35	391	25.0	mg/kg	400	97.8	76.2-122	2.33	12.4	
Surrogate: 1-Chlorooctane	53.4		mg/kg	50.0	107	48.6-153			

Batch 5030713 - General Prep - Organics

Surrogate: 1-Chlorooctadecane

Blank (5030713-BLK1)				Prepared & Anal	yzed: 07-Mar-25		
GRO C6-C12	ND	25.0	mg/kg				
DRO >C12-C28	ND	25.0	mg/kg				
DRO >C28-C35	ND	25.0	mg/kg				
Total TPH C6-C35	ND	25.0	mg/kg				
Surrogate: 1-Chlorooctane	54.4		mg/kg	50.0	109	48.6-153	
Surrogate: 1-Chlorooctadecane	63.5		mg/kg	50.0	127	41.9-170	

mg/kg

50.0

110

41.9-170

55.2

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BTA Oil Producers 104 South Pecos Midland TX, 79701

Analyte

Project: MESA GIANT
Project Number: INCIDENT
Project Manager: RAY RAMOS

Fax To: (432) 683-0312

Spike

Level

Source

Result

%REC

21-Mar-25 12:36 S

%REC

Limits

RPD

Reported:

RPD

Limit

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

,										
Batch 5030713 - General Prep - Org	anics									
LCS (5030713-BS1)				Prepared &	Analyzed: 07	-Mar-2	5			
GRO C6-C12	219	25.0	mg/kg	200		110	77.9-121			
DRO >C12-C28	221	25.0	mg/kg	200		111	68.3-129			
Total TPH C6-C35	440	25.0	mg/kg	400		110	76.2-122			
Surrogate: 1-Chlorooctane	60.8		mg/kg	50.0		122	48.6-153			
Surrogate: I-Chlorooctadecane	64.7		mg/kg	50.0		129	41.9-170			
LCS Dup (5030713-BSD1)				Prepared &	Analyzed: 07	-Mar-2	5			
GRO C6-C12	218	25.0	mg/kg	200		109	77.9-121	0.429	10.7	
DRO >C12-C28	219	25.0	mg/kg	200		109	68.3-129	1.08	15.9	
Total TPH C6-C35	437	25.0	mg/kg	400		109	76.2-122	0.754	12.4	
Surrogate: 1-Chlorooctane	61.5		mg/kg	50.0		123	48.6-153			
Surrogate: 1-Chlorooctadecane	64.7		mg/kg	50.0		129	41.9-170			

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Celey D. Keine



%REC

Limits

RPD

Analytical Results For:

BTA Oil Producers 104 South Pecos Midland TX, 79701

Analyte

Project: MESA GIANT
Project Number: INCIDENT
Project Manager: RAY RAMOS

Reported: 21-Mar-25 12:36

RPD

Limit

Notes

Fax To: (432) 683-0312

Spike

Level

Source

Result

%REC

Soluble (DI Water Extraction) - Quality Control

Green Analytical Laboratories

Units

Reporting

Limit

Result

Batch B250673 - IC- Ion Chromatograph								
Blank (B250673-BLK1)			Prepared: 18-M	1ar-25 Analyzed: 1	9-Mar-25			
Chloride	ND	10.0 mg/kg wet						
LCS (B250673-BS1)			Prepared: 18-M	1 Analyzed: 1	9-Mar-25			
Chloride	238	10.0 mg/kg wet	250	95.2	85-115			
LCS Dup (B250673-BSD1)			Prepared: 18-M	1 Analyzed: 1	9-Mar-25			
Chloride	239	10.0 mg/kg wet	250	95.7	85-115	0.583	20	

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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 ar 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 claims 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.

Celeg D. Keine



Notes and Definitions

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

GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with

interfering compounds.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Corrected Temp. °C S. 8

Observed Temp. °C

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



(575) 393-2326 FAX (575) 393-2476

Company Name: 1377		BILL TO			AN	ANALYSIS REC	REQUEST	
Project Manager: Kay Kamos		P.O. #:						
Address: 104 Pecos St		Company: 874			,			
City: Mid AND State:	te: [X zip: 7970]							
Phone #: 474-682-7953 Fax #:	*	Address:						
Project #: Incident Project	Project Owner: Ramos	City:						
Project Name: Nusa Giant		State: Zip:						
Project Location: Red Hills		Phone #:						
Sampler Name: L. Cashillo		Fax #:			0			
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING			30			
	RS TER		1 100		ide s			
Lab I.D. Sample I.D.	(G)RAB OR (# CONTAINE GROUNDWA WASTEWAT SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	TPH	BIE.	Chlor			7
1 AH 10/2"	×	x 2/6/25	× 04:8	×	``		-	
3 HH2012"	×	×	8:50	_				
3 AH3012"	×	×	9:00					
4 14106.	×	*	9:10					
2 Hr66.	×	×	9:20			7		
(D) H3 06"	×	×	9:30	-				
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telinquished By: Date: Times	1905 Received By:	allets,	Verbal Result: ☐ Yes ☐ No ☐ Add'I Phone #: All Results are emailed. Please provide Email address:	☐ Yes emailed. Plea	□ No Ado ase provide En	Add'l Phone #: e Email address:		
(elinquished By: Date:	Received By:		REMARKS:		`			
Ime		_						_

CHECKED BY:

Turnaround Time:

IT I MOS (O DARO I). COM

I Standard
Rush

Bacteria (only) Sample Condition
Cool Intact Observed Temp.
Yes Yes
No Ocorrected Temp

Observed Temp. °C Corrected Temp. °C

Thermometer ID #140 Correction Factor +0.3°C



March 31, 2025

RAY RAMOS

BTA Oil Producers

104 South Pecos

Midland, TX 79701

RE: MESA GIANT 3"

Enclosed are the results of analyses for samples received by the laboratory on 03/27/25 14:57.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



Analytical Results For:

BTA Oil Producers RAY RAMOS 104 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 03/27/2025 Sampling Date: 03/27/2025 Reported: 03/31/2025 Sampling Type: Soil

** (See Notes) Project Name: MESA GIANT 3" Sampling Condition: Project Number: INCIDENT #25883 Sample Received By: Alyssa Parras

Project Location: LEA CO., NM

Sample ID: T - 1 @ 3' (H251826-01)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	1.87	93.5	2.00	19.4	
Toluene*	<0.050	0.050	03/28/2025	ND	1.93	96.7	2.00	11.8	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	1.95	97.7	2.00	7.15	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	5.87	97.9	6.00	4.32	
Total BTEX	<0.300	0.300	03/28/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/29/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	206	103	200	2.06	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	207	103	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					
Surrogate: 1-Chlorooctane	86.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.2	% 40.6-15	3						

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Celeg D. Freene



Analytical Results For:

BTA Oil Producers RAY RAMOS 104 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 03/27/2025 Sampling Date: 03/27/2025

Reported: 03/31/2025 Sampling Type: Soil

Project Name: MESA GIANT 3" Sampling Condition: ** (See Notes) Alyssa Parras Project Number: INCIDENT #25883 Sample Received By:

Project Location: LEA CO., NM

Sample ID: T - 2 @ 3' (H251826-02)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2025	ND	1.87	93.5	2.00	19.4	
Toluene*	<0.050	0.050	03/28/2025	ND	1.93	96.7	2.00	11.8	
Ethylbenzene*	<0.050	0.050	03/28/2025	ND	1.95	97.7	2.00	7.15	
Total Xylenes*	<0.150	0.150	03/28/2025	ND	5.87	97.9	6.00	4.32	
Total BTEX	<0.300	0.300	03/28/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/29/2025	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2025	ND	206	103	200	2.06	
DRO >C10-C28*	<10.0	10.0	03/28/2025	ND	207	103	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	03/28/2025	ND					
Surrogate: 1-Chlorooctane	92.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.1	% 40.6-15	3						

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene



Notes and Definitions

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476	176	2011	ANALYSIS REQUEST	
ompany Name: Ju welding of a	Construction	BILL 10		
Gilberto Sarcher		P.O. #:		
chez 710 out box.	Con	Company: 137A		
	Zip:	Attn: Kay Kams	20)	
hone #: Fax #:		Address:	06	
hojoch#Jacobar # 25883 Project Owner:	ה	City:		
roject Name: MESA GIANT 3"				
on: (64 c		Phone #: Illanos & sta silan	16	
6.16er		1	0 /	
01/44/113	MATRIX	PRESERV. SAMPLING	000	
Lab I.D. Sample I.D.	CONTAINERS ROUNDWATER WASTEWATER OIL ELUDGE	OTHER: CID/BASE: CE/COOL OTHER:	TPH(D BTEX deloride	
Hasisau 75/ 0/3"	- # G V	× 1	. K	
2 72 0 3'	- 8	52/23/2 7	16.30	
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	r any claim arising whether based in contr be deemed waived unless made in writing	act or tort, shall be limited to the amount paid and received by Cardinal within 30 days after	by the client for the completion of the applicable	
service. In no event shall Cardinal be liable for incidental or consequental damages, including willow immanded by cardinal spaces of whether such claim is based upon any of the above stated reasons or otherwise. All Results a Received By: Received By:	y Cardinal, regardless of whether such cla Received By:	of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Verbal Results a All Results a	verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:	
Sauche	Received By:		REMARKS:	
Delivered By: (Circle One) Observed Temp. °C Corrected Temp. °C Corrected Temp. °C	Sample Condition Cool Intact Cool Intact Pes	n CHECKED BY: (Initials)	Turnaround Time: Standard Bacteria (only) Sample Condition RUSh Cool Intact Observed Temp Thermometer ID #140 Y8 Yes Correction Factor +0.3°C No Corrected Temp	Imple Condition Observed Temp. °C Corrected Temp. °C

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

Page 5 of 5



April 04, 2025

RAY RAMOS

BTA Oil Producers

104 South Pecos

Midland, TX 79701

RE: MESA GIANT 3"

Enclosed are the results of analyses for samples received by the laboratory on 04/02/25 13:30.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



Analytical Results For:

BTA Oil Producers RAY RAMOS 104 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

 Received:
 04/02/2025
 Sampling Date:
 04/02/2025

 Reported:
 04/04/2025
 Sampling Type:
 Soil

Project Name: MESA GIANT 3" Sampling Condition: Cool & Intact
Project Number: INCIDENT #25883 Sample Received By: Shalyn Rodriguez

Project Location: LEA CO., NM

Sample ID: H4 @ 1' (H251951-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/03/2025	ND	1.98	98.8	2.00	9.63	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	8.72	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.99	99.7	2.00	8.63	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	5.89	98.2	6.00	9.13	
Total BTEX	<0.275	0.275	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/02/2025	ND	432	108	400	3.64	
TPH TX1005	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C12	<25.0	25.0	04/02/2025	ND	204	102	200	4.13	
DRO >C12-C28	<25.0	25.0	04/02/2025	ND	194	96.9	200	4.66	
DRO >C28-C35	<25.0	25.0	04/02/2025	ND					
Total TPH C6-C35*	<25.0	25.0	04/02/2025	ND	399	99.7	400	4.16	
Surrogate: 1-Chlorooctane	57.9	% 48.6-15	3						
Surrogate: 1-Chlorooctadecane	52.8	% 41.9-17	0						

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Celeg & Freene



Analytical Results For:

BTA Oil Producers RAY RAMOS 104 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/04/2025 Sampling Type: Soil

Project Name: MESA GIANT 3" Sampling Condition: Cool & Intact
Project Number: INCIDENT #25883 Sample Received By: Shalyn Rodriguez

Applyzod By: 14

Project Location: LEA CO., NM

ma/ka

Sample ID: H5 @ 1' (H251951-02)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/03/2025	ND	1.98	98.8	2.00	9.63	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	8.72	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.99	99.7	2.00	8.63	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	5.89	98.2	6.00	9.13	
Total BTEX	<0.275	0.275	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/02/2025	ND	432	108	400	3.64	
TPH TX1005	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C12	<25.0	25.0	04/02/2025	ND	204	102	200	4.13	
DRO >C12-C28	<25.0	25.0	04/02/2025	ND	194	96.9	200	4.66	
DRO >C28-C35	<25.0	25.0	04/02/2025	ND					
Total TPH C6-C35*	<25.0	25.0	04/02/2025	ND	399	99.7	400	4.16	
Surrogate: 1-Chlorooctane	76.4 9	% 48.6-15	3						
Surrogate: 1-Chlorooctadecane	68.2 9	% 41.9-17	0						

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Celey D. Keine



Analytical Results For:

BTA Oil Producers RAY RAMOS 104 South Pecos Midland TX, 79701

Fax To: (432) 683-0312

Received: 04/02/2025 Sampling Date: 04/02/2025

Reported: 04/04/2025 Sampling Type: Soil

Project Name: MESA GIANT 3" Sampling Condition: Cool & Intact Sample Received By: Project Number: INCIDENT #25883 Shalyn Rodriguez

Project Location: LEA CO., NM

Sample ID: H6 @ 1' (H251951-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.025	0.025	04/03/2025	ND	1.98	98.8	2.00	9.63	
Toluene*	<0.050	0.050	04/03/2025	ND	2.04	102	2.00	8.72	
Ethylbenzene*	<0.050	0.050	04/03/2025	ND	1.99	99.7	2.00	8.63	
Total Xylenes*	<0.150	0.150	04/03/2025	ND	5.89	98.2	6.00	9.13	
Total BTEX	<0.275	0.275	04/03/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.1	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2025	ND	432	108	400	3.64	
TPH TX1005	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C12	<25.0	25.0	04/02/2025	ND	185	92.4	200	0.664	
DRO >C12-C28	<25.0	25.0	04/02/2025	ND	174	87.1	200	0.292	
DRO >C28-C35	<25.0	25.0	04/02/2025	ND					
Total TPH C6-C35*	<25.0	25.0	04/02/2025	ND	359	89.7	400	0.202	
Surrogate: 1-Chlorooctane	85.8	% 48.6-15	3						
Surrogate: 1-Chlorooctadecane	80.4	% 41.9-17	0						

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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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Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Corrected Temp. °C Observed Temp. °C Time:

Sample Condition

CHECKED BY:

Email + Bill

Bacteria (only) Sample Condition
Cool Intact Observed Temp. °C

Corrected Temp. °C

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



101 East Marland, Hobbs, NM 88240

Company Name: BTA or Project Manager: RAY RA Address: 184 \$ PECOS City: Middle d Phone #:	(575) 393-2326 FAX (575) 393-2476 BTA ON PROJUCELS RAY RAMAS \$. P&COS State: 7x Zip: 7970] Fax #:	P.O. #: Company: BTA Attn:
15883	Project Owner:	City:
Project Name: MESA GIANT	wi 3" Poly Release	State: Zip:
	COUNTY	Phone #:
Sampler Name: Bobby Ex	ghand	Fax #:
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING
Lab I.D. Sample I.D.	GO)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:
9 HY 8 1,	×	- ≪
3 Nb @ 1'		
PLEASE NOTE: Liability and Damages. Cardinal's liability a analyses. All claims including those for negligence and any service. In no event shall Cardinal be liable for incidental or affiliates or successors arising out of or related to the perform	PLEASE NOTE: Liability and Damages. Cardinat'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 Cardinat 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 thereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ract or tort, shall be limited to the amount paid by the and received by Cardinal within 30 days after comes, loss of use, or loss of profits incurred by client, aim is based upon any of the above stated reasons.
Relinquished By:	Relinquished By: Date: Received By: Verbal Results a	Verbal Result: ☐ Yes ☐ No ☐ Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date: Received By:	REMARKS:
	Time:	Email +



May 12, 2025

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

RE: MESA GIANT CTB

Enclosed are the results of analyses for samples received by the laboratory on 05/06/25 16:10.

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

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

Celey D. Keine

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



Analytical Results For:

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

 Received:
 05/06/2025
 Sampling Date:
 05/06/2025

 Reported:
 05/12/2025
 Sampling Type:
 Soil

Reported: 05/12/2025 Sampling Type: Soil
Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact

BTA - LEA COUNTY, NM

Project Number: 212C-MD-03810 Sample Received By: Alyssa Parras

Sample ID: FS - 1 (H252713-01)

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	96.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.8	% 40.6-15	3						

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Celeg D. Keene



Analytical Results For:

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

Received: 05/06/2025 Sampling Date: 05/06/2025

Reported: 05/12/2025 Sampling Type: Soil

Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03810 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: BTA - LEA COUNTY, NM

mg/kg

Sample ID: FS - 2 (H252713-02)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	96.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	87.2	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

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

Received: 05/06/2025 Sampling Date: 05/06/2025

Reported: 05/12/2025 Sampling Type: Soil

Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03810 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: BTA - LEA COUNTY, NM

ma/ka

Sample ID: FS - 3 (H252713-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	92.5	% 44.4-14	15						
Surrogate: 1-Chlorooctadecane	86.6	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

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

Received: 05/06/2025 Sampling Date: 05/06/2025

Reported: 05/12/2025 Sampling Type: Soil

Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: 212C-MD-03810 Alyssa Parras

Project Location: BTA - LEA COUNTY, NM

Sample ID: FS - 4 (H252713-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	26.7	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	101 9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	93.9	% 40.6-15	3						

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Celey D. Keine



Analytical Results For:

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

Received: 05/06/2025 Sampling Date: 05/06/2025

Reported: 05/12/2025 Sampling Type: Soil

Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03810 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: BTA - LEA COUNTY, NM

mg/kg

Sample ID: FS - 5 (H252713-05)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	35.5	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	96.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	88.1	% 40.6-15	3						

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Celey D. Keene



Analytical Results For:

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

Received: 05/06/2025 Sampling Date: 05/06/2025

Reported: 05/12/2025 Sampling Type: Soil

Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03810 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: BTA - LEA COUNTY, NM

mg/kg

Sample ID: FS - 6 (H252713-06)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	91.6	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.1	% 40.6-15	3						

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Celey & Keene



Analytical Results For:

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

Received: 05/06/2025 Sampling Date: 05/06/2025

Reported: 05/12/2025 Sampling Type: Soil

Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03810 Sample Received By: Alyssa Parras

Project Location: BTA - LEA COUNTY, NM

Sample ID: WSW - 1 (H252713-07)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	90.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	80.2	% 40.6-15	3						

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Analytical Results For:

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

Analyzed By: 14

Received: 05/06/2025 Sampling Date: 05/06/2025

Reported: 05/12/2025 Sampling Type: Soil

Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03810 Sample Received By: Alyssa Parras

Project Location: BTA - LEA COUNTY, NM

ma/ka

Sample ID: NSW - 1 (H252713-08)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	52.7	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	94.4	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	86.6	% 40.6-15	3						

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Celeg D. Freene



Analytical Results For:

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

Analyzed By: JH

Received: 05/06/2025 Sampling Date: 05/06/2025

Reported: 05/12/2025 Sampling Type: Soil

Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03810 Sample Received By: Alyssa Parras

Project Location: BTA - LEA COUNTY, NM

mg/kg

Sample ID: NSW - 2 (H252713-09)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	88.9	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	82.0	% 40.6-15	3						

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Analytical Results For:

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

Received: 05/06/2025 Sampling Date: 05/06/2025

Reported: 05/12/2025 Sampling Type: Soil

Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03810 Sample Received By: Alyssa Parras

Analyzed By: JH

Project Location: BTA - LEA COUNTY, NM

mg/kg

Sample ID: SSW - 2 (H252713-10)

BTEX 8021B

	<u> </u>	<u> </u>							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	51.7	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	84.3	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	79.5	% 40.6-15	3						

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Analytical Results For:

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

Received: 05/06/2025 Sampling Date: 05/06/2025

Reported: 05/12/2025 Sampling Type: Soil

Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact
Project Number: 212C-MD-03810 Sample Received By: Alyssa Parras

Analyzed By: 14

Project Location: BTA - LEA COUNTY, NM

ma/ka

Sample ID: SSW - 1 (H252713-11)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	<0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	83.1	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	76.1	% 40.6-15	3						

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Analytical Results For:

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

Received: 05/06/2025 Sampling Date: 05/06/2025

Reported: 05/12/2025 Sampling Type: Soil

Project Name: MESA GIANT CTB Sampling Condition: Cool & Intact Project Number: 212C-MD-03810 Sample Received By: Alyssa Parras

Project Location: BTA - LEA COUNTY, NM

Sample ID: WSW - 2 (H252713-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2025	ND	1.98	99.2	2.00	5.35	
Toluene*	<0.050	0.050	05/07/2025	ND	1.96	97.9	2.00	5.78	
Ethylbenzene*	< 0.050	0.050	05/07/2025	ND	1.94	97.2	2.00	6.94	
Total Xylenes*	<0.150	0.150	05/07/2025	ND	6.01	100	6.00	7.82	
Total BTEX	<0.300	0.300	05/07/2025	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2025	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2025	ND	186	92.9	200	2.63	
DRO >C10-C28*	<10.0	10.0	05/07/2025	ND	182	90.8	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	05/07/2025	ND					
Surrogate: 1-Chlorooctane	91.2	% 44.4-14	5						
Surrogate: 1-Chlorooctadecane	81.7	% 40.6-15	3						

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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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Celeg D. Keene

CARDINALLaboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Tetra Tech		(575) 393-2326 FAX (575) 393-2476	6			\dashv	ВІ	BILL TO				AN	ALYSI	ANALYSIS REQUEST	UEST					Ш
Project Manager: Samantha Allen	Samantha Allen					P.C	P.O. #:						_							
Address: 8911 Ca	Address: 8911 Capital of Texas Hwy, Suite 2310	310				Col	Company: Tetra Tech	tra Tech		_		_	_							
City: Austin	S	State: TX Zip: 78750	750			Att	Attn: Samantha Allen	ha Allen		_		_	_							
Phone #:	(512)788-2948 Fax #:	*				Ad	Address:					_	_	_						
Project #:	212C-MD-03810 Projec	Project Owner:			BTA	City:	y:					_			_					
Project Name:	MICH CHICA	なむ。			8	State:	ite:	Zip:				В	_		_					_
Project Location:	Project Location: Lea County, New Mexico		2	8	K	Ph	Phone #:					CI-			_					
Sampler Name: Carlos Tomlinson	arlos Tomlinson			V	(4.9)	Fa	Fax #:					500								
FOR LAB USE ONLY			\dashv	П	MATRIX		PRESERV.	SAMPLING	NG			45								1
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	Sample I.D.		G)RAB OR (C # CONTAINER	GROUNDWAT	WASTEWATE SOIL DIL	SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER :	DATE	TIME	TPH 80	BTEX 8	Chlorid								
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0	ESW+ 55W-2	5/18	С	F	X	to the sense	X X	S/6/2025	claims including those	xse for neglige	X igence and	Any other cause	whatsoever	whatsoever shall be deemed waived unles	med waived	less	in writing an	id received by	made in writing and received by Cardinal within	m 30
PLEASE NOTE: Liability an	d Damages. Cardinal's liability and client's exclusion days after com	ord clearly actuative remotify for any claim stationing withful based in contract or text, balls for amount or an accusate remove the accusate of the contract for the contract	In no even	n contract t shall Cau r related t	or tort, shall be limited (dinal be liable for in to the performance of	cidental or of services	consequental da hereunder by Ca	nages, including with dinal, regardless of w	out limitation, busines hether such claim is t	s interrupti based upor	ons, loss of any of the	use, or loss of p above stated re	rofits incurre	erwise.	ls subsidiarie	,				
Relinquished By:	,	E	Received By:	ved B	y:				Verbal Result: Yes No Aldri Phone #: All Results are emailed. Please provide Email address: Christian.Llull@tetratech.com	t: re emai	☐ Yes nailed. Ple	□ No ease provid	e Email	Add'l Phone #: address: Chris	ne #: Christia	n.Llull@	tetratec	h.com		1
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Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Corrected Temp. °C U-Q Corrected Temp. °C U-Q	1)		Cool Intact		0	(Initials)	Rush: NA	8	Cool Intact	Observed Ten	np. °C					9	2.0.	4
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(575) 393-2326 FAX (575) 393-2476	476								
Company Name: Tetra Tech	- 1		BILL TO			ANAL	ANALYSIS REQUEST	UESI		
Project Manager: Samantha Allen	Samantha Allen		P.O. #:							
Address: 8911 Cap	Address: 8911 Capital of Texas Hwy, Suite 2310		Company: Tetra Tech				_			_
City: Austin	State: TX Zip: 78750	750	Attn: Samantha Allen				_			_
Phone #:	(512)788-2948 Fax #:		Address:						_	
Project #:	212C-MD-03810 Project Owner:	BTA	City:			_	_			
Project Name:	Mish fight sta	1000	State: Zip:			В	_			
Project Location:	Project Location: Lea County, New Mexico	St.0.38 0 3	Phone #:			CI-				
Sampler Name: Carlos Tomlinson	arlos Tomlinson		Fax #:			00				
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	ıG		45			_	
Lab I.D.		R				SM ⁴				
95	Sample I.D.	CONTAINERS ROUNDWATE VASTEWATER OIL DIL DIL	OTHER: CID/BASE: CE / COOL OTHER:	TPH 801	BTEX 8	Chloride				
VILLE AND	CCW-1	X	X	11:34 X	×	×				
	WSW-2	C 1 X	X 5/6/2025	X 58:11	×	×				
1 8 0	W 241-2	-	X X	×	×	X				
	9/6 C 2.MON	,			+	\top				
										dualities 90 dates office
PLEASE NOTE: Liability and Damages.	Cardinal's liability and client's	her based in contract or tort, shall be limited to the at n no event shall Gardinal be liable for incidental arising out of or related to the performance of s	accuses remody for any claims acting whether based is content or for, claid lise initiad to the accurate paid by the claim for the acting-test, accurate part by the claim for the acting-test, accurate part by the claim for the acting-test, accurate part by the claim for the acting-test, including the part by the claim for the acting-test, including the section for the acting-test, for	s including trose for reging lation, business interruption ether such claim is based u	upon any of the	above stated reason	arred by client, its subs is or otherwise.	sidiaries,	analyses. All counts including travel for regisjence as on any owns counter instruction (and including lightests inferringlosis, loss of the red. Service of profiles, burnelled by client, the subordistries, outling under such claim is based upon any of the above stated reasons or otherwise.	
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Relinquished By:		Received By:	3	REMARKS: Or	Solo	At Cot	28 MMD[odki	former	3
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. Corrected Temp.		On CHECKED BY: (Initials)	Rush: N/A	Cool Intact	8	erved Temp. °C		0	
			R	Correction Factor_ASC + 3	actor_05°C +0	1		Yes Yes	Corrected Temp. °C	
				ı						

APPENDIX E Regulatory Correspondence

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 457445

QUESTIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	457445
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506049156
Incident Name	NAPP2506049156 MESA BRONCO CTB @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2322134217] Mesa Bronco CTB

Location of Release Source	
Site Name	Mesa Bronco CTB
Date Release Discovered	02/28/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,975
What is the estimated number of samples that will be gathered	13
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/06/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Samantha Allen at (512) 7882948 or Samantha.Allen@Tetra tech.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 RD FOR APPROXIMATELY 3.05 MILES. TURN LEFT AND CONTINUE NORTH ON UNNAMED LEASE RD FOR APPROXIMATELY 1 MILE. TURN LEFT AND CONTINUE WEST ON UNNAMED LEASE RD FOR APPROXIMATELY 1165 FT. TURN LEFT AND CONTINUE SOUTH FOR 80 FT. TURN RIGHT AND CONTINUE WEST ON UNNAMED LEASE RD FOR APPROXIMATELY 1030 FT. TURN LEFT AND CONTINUE SOUTH 300 FT TO ARRIVE AT LEASE PAD. CONTINUE SOUTHWEST ONTO LEASE PAD 295 FT TO ARRIVE AT GPS 32.077836, -103.629433.

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

CONDITIONS

Action 457445

CONDITIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	457445
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By		Condition Date
sallen	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.	5/1/2025

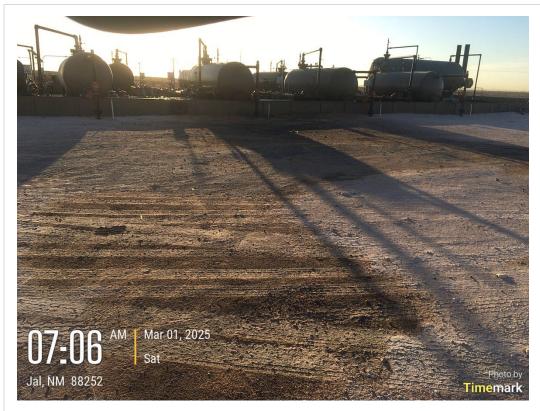
APPENDIX F Photographic Documentation



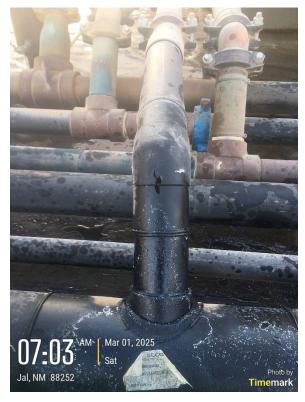
TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View of approximate release extent on west side of tank battery.	1
212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	2/28/2025



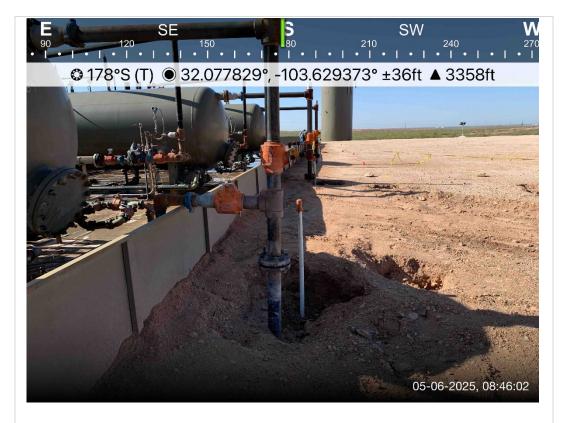
TETRA TECH, INC.	DESCRIPTION	View of approximate release extent on west side of the tank battery.	2
TETRA TECH, INC. PROJECT NO. 212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	3/1/2025



TETRA TECH, INC.	DESCRIPTION	View of approximate release extent. Staining observed on the soil surface.	3
TETRA TECH, INC. PROJECT NO. 212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	3/1/2025



TETRA TECH, INC.	DESCRIPTION	View of approximate release point. Equipment failure in the 3-inch polyline.	4
TETRA TECH, INC. PROJECT NO. 212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	3/1/2025



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View south of line hydrovac activities prior to excavation.	5
212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	5/6/2025



TETRA TECH, INC.	DESCRIPTION	View east of line hydrovac activities prior to excavation.	6
PROJECT NO. 212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	5/6/2025

North Elevation

○ 165°S (T) **LAT**: 32.077888 **LON**: -103.629314 ±9ft

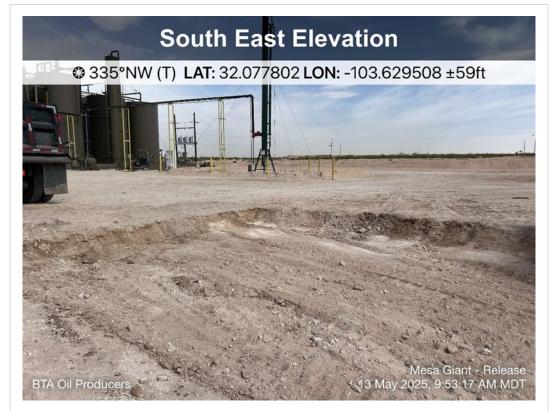


TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View south of the excavated areas on the western side of the combined tank battery.	7
212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	5/13/2025

West Elevation 92°E (T) LAT: 32.077842 LON: -103.629475 ±9ft



TETRA TECH, INC.	DESCRIPTION	View east of the excavation progress.	8
PROJECT NO. 212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	5/13/2025



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View northwest of the excavation progress.	9
212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	5/13/2025



TETRA TECH, INC.	DESCRIPTION	View south of excavation backfilling activities.	10
PROJECT NO. 212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	5/13/2025



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View northeast of backfilled excavation.	11
212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	5/14/2025



TETRA TECH, INC.	DESCRIPTION	View north of backfilled excavation.	12
PROJECT NO. 212C-MD-03810	SITE NAME	Mesa (Giant) Bronco CTB Release	5/14/2025

APPENDIX G Waste Manifests

MANIF Page 134 of 151 Received by OCD: 7/34/2025 8:51:2 0394313 SIGNATURE: 3889 Maple Ave. Suite 300 COMPANY MAN EMAIL: Dallas, TX 75219 COMPANY MAN PHONE 32-313-1288 505.231.1212 ar@ndblandfill.com DATE: COMPANY NAME: B PHONE: BBLS **OUANTITY:** AFE #: YARDS WELL #: RIG NAME: _ STATE & COUNTY ORIGIN: _ **RCRA Non-Exempt RCRA Exempt** Waste Description (check only one box) ☐ Produced Sands Contaminated Soil ■ Water Based Cuttings (WET) ☐ Water Based Cuttings (DRY) Non-Injectable Fluids ☐ Injectable Fluids Oil Based Cuttings (WET) Oil Based Cuttings (DRY) Tank Bottoms ☐ Muds w/Cement ☐ Water Base Mud Oil Base Mud ☐ Pit Liners Rig Trash No Yes **Authorize Washout?** 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) Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts ☐ RCRA EXEMPT: certifications on a per load basis only) 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 RCRA NON-EXEMPT: demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) ☐ Other (Provide Description Below) ☐ Process Knowledge ☐ RCRA Hazardous Waste Analysis ☐ SDS Information Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous ☐ EMERGENCY NON-OILFIELD: waste determination and a description of that waste must accompany this form) TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT TRUCK #: Part 2 - Transporter WHP #: Obbs nm 8824ACKET #: ROLL OFF BIN#: TRAILER #: DISPATCHER ☐ AM TIME DATE e SPHONE #57 -25 RECEIVED: ☐ PM NAME: (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'S SIGNATURE:** DRIVER: (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 TIME IN: FACILITY RECEIVED AT (Check One): **Disposal Facility** TIME OUT: . ■ Northern Delaware Basin Landfill WASHOUT BY:. 2029 W. NM Highway 128 | Jal, New Mexico 88252 TIME OUT:_ TIME IN: _ WASHOUT: ACCEPTANCE TESTING: PAINT FILTER: PASS NORM Shake Out: N/A TESTING: TCLP: **PASS** FAIL N/A TOX: N/A H,O Less than 50 Gallon Test: **SERVICE NOTES:** m MCR) This is to certify that: has received the above indicated waste, waste has passed all acceptances testing of this Employee (Printed Name) facility and the waste has been disposed of in an authorized manner at a permitted site.

Released to Thraging! 9/2/2025 2:33:53 PM Pink: Generator White Copy: Disposal Facility Yellow: Transporter

Received by OCD: 7/31/2025 8:51:27 AM Page 137 of 151 **OWL Landfill Services, LLC** DBA: Northern Delaware Basin Landfil SIGNATURE: 3889 Maple Ave. Suite 300 0394316 Dallas, TX 75219 COMPANY MAN EMAIL 505.231.1212 ar@ndblandfill.com COMPANY NAME PHONE: BBLS **OUANTITY:** AFE #: WELL# YARDS RIG NAME: . STATE & COUNTY ORIGIN: **RCRA Non-Exempt RCRA Exempt** Waste Description (check only one box) Produced Sands Contaminated Soil ■ Water Based Cuttings (WET) ☐ Water Based Cuttings (DRY) ■ Non-Injectable Fluids Injectable Fluids □ Oil Based Cuttings (WET) Oil Based Cuttings (DRY) ☐ Tank Bottoms ☐ Water Base Mud ■ Muds w/Cement Oil Base Mud Pit Liners Rig Trash Yes **Authorize Washout?** 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 load is (Check the appropriate classification) Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts RCRA EXEMPT: certifications on a per load basis only) Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA RCRA NON-EXEMPT: 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) ☐ Other (Provide Description Below) ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ SDS Information Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous ☐ EMERGENCY NON-OILFIELD: waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT - Transporter YARD #: WHP #: 882 4 (TICKET #: **ROLL OFF BIN#:** TRAILER #: ПАМ DISPATCHER 5 RECEIVED: PHONE#55-60 ☐ PM NAME: 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'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 TO BE COMPLETED BY OWL LANDFILL EMPLOYEES TIME IN: AM/PM FACILITY RECEIVED AT (Check One): Disposal Facility AM / PM TIME OUT: ■ Northern Delaware Basin Landfill WASHOUT BY: 2029 W. NM Highway 128 | Jal, New Mexico 88252 TIME OUT:_ TIME IN: **WASHOUT:** ACCEPTANCE TESTING: PAINT FILTER: PASS NORM Shake Out: FAIL N/A TCLP: **PASS** FAIL N/A **TESTING:** N/A H,O (Less than 50 Gallon Test: **SERVICE NOTES:** MCR) This is to certify that: has received the above indicated waste, waste has passed all acceptances testing of this Employee (Printed Name) facility and the waste has been disposed of in an authorized manner at a permitted site. **FMPI OYFF SIGNATURE** Released to Imaging: 9/2/2025 2:33:53 PM

Yellow: Transporter White Copy: Disposal Facility

Received by OCD: 7/31/2025 8:51:27 AM SIGNATURE: 3889 Maple Ave. Suite 300 Dallas, TX 75219 COMPANY MAN EMAIL: 505.231.1212 ar@ndblandfill.com COMPANY NAME: PHONE: **OUANTITY:** BBLS AFE #: WELL #: RIG NAME: _ YARDS STATE & COUNTY ORIGIN: **RCRA Non-Exempt RCRA Exempt** Waste Description (check only one box) Produced Sands Contaminated Soil ☐ Water Based Cuttings (WET) ☐ Water Based Cuttings (DRY) ■ Non-Injectable Fluids ☐ Injectable Fluids Oil Based Cuttings (WET) Oil Based Cuttings (DRY) ☐ Tank Bottoms ☐ Muds w/Cement Water Base Mud Oil Base Mud Rig Trash Pit Liners **Authorize Washout?** 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 load is (Check the appropriate classification) Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts IT RCRA EXEMPT: certifications on a per load basis only) Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA RCRA NON-EXEMPT: 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) ☐ Other (Provide Description Below) ☐ SDS Information ☐ RCRA Hazardous Waste Analysis □ Process Knowledge Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous ☐ EMERGENCY NON-OILFIELD: waste determination and a description of that waste must accompany this form) (Print) Authorized Agent's Name TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT Part 2 - Transporter arron TRK YARD #: WHP #: **ROLL OFF BIN#:** TRAILER #: \square AM DISPATCHER NAME ☐ PM 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'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 TO BE COMPLETED BY OWL LANDFILL EMPLOYEES AM &PM TIME IN: Part 3 - Disposal Facility FACILITY RECEIVED AT (Check One): TIME OUT: ☐ Northern Delaware Basin Landfill WASHOUT BY:. 2029 W. NM Highway 128 | Jal, New Mexico 88252 TIME OUT: TIME IN: WASHOUT: ACCEPTANCE TESTING: PAINT FILTER: Shake Out: NORM PASS FAIL N/A TCLP: PASS **TESTING:** FAIL N/A TOX: FAIL N/A H,O (Less than 50 Gallon Test: **SERVICE NOTES:** MCR) This is to certify that: has received the above indicated waste, waste has passed all acceptances testing of this Employee (Printed Name) facility and the waste has been disposed of in an authorized manner at a permitted site. **EMPLOYEE SIGNATURE:** Yellow: Transporter

Released to Imaging: 9/2/2025 2:33:53 Phopy: Disposal Facility

Received by OCD: 7/31/2025 8:51:27 AM **OWL Landfill Services, LLC** DBA: Northern Delaware Basin Landfill SIGNATURE: 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com PHONE: **BBLS OUANTITY:** AFE #: WELL #: YARDS RIG NAME: STATE & COUNTY ORIGIN: RCRA Non-Exempt **RCRA Exempt** Waste Description (check only one box) ☐ Produced Sands Contaminated Soil ■ Water Based Cuttings (WET) ☐ Water Based Cuttings (DRY) Generator ■ Non-Injectable Fluids ☐ Injectable Fluids Oil Based Cuttings (WET) Oil Based Cuttings (DRY) Tank Bottoms ☐ Muds w/Cement Water Base Mud Oil Base Mud ☐ Pit Liners Rig Trash Yes **Authorize Washout?** 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 load is (Check the appropriate classification) Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts RCRA EXEMPT: certifications on a per load basis only) Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA IT RCRA NON-EXEMPT: 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) ☐ Other (Provide Description Below) ☐ Process Knowledge ☐ RCRA Hazardous Waste Analysis ☐ SDS Information Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous TI EMERGENCY NON-OILFIELD: waste determination and a description of that waste must accompany this form) Signature (Print) Authorized Agent's Name TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT Part 2 - Transporter TRUCK #: NM 88240TICKET #: TRAILER #: **ROLL OFF BIN#:** ☐ AM DISPATCHER TIME DATE ☐ PM NAME: RECEIVED: RECEIVED: 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'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 AM (PM) TIME IN: FACILITY RECEIVED AT (Check One): Part 3 - Disposal Facility AM / PM TIME OUT: ■ Northern Delaware Basin Landfill WASHOUT BY: 2029 W. NM Highway 128 | Jal, New Mexico 88252 TIME OUT: WASHOUT: TIME IN: ACCEPTANCE TESTING: PAINT FILTER: PASS NORM Shake Out: FAIL N/A TCLP: **PASS** N/A **TESTING** FAIL TOX: **PASS** FAIL N/A H,O (Less than 50 Gallon Test: **SERVICE NOTES:** MCR) This is to certify that: has received the above indicated waste, waste has passed all acceptances testing of this Employee (Printed Name) facility and the waste has been disposed of in an authorized manner at a permitted site. **EMPLOYEE SIGNATURE:** Released to Imaging: 9/2/2025 2:33:53.PM py: Disposal Facility Yellow: Transporter Pink: Generator

AC	OWL Landfill Services, LLC COMPANY MAN (Authorized Agent's Printed Name and Title) MANIFES I #
	DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 SIGNATURE: 0394319
	Dallas TX 75219 COMPANY MAN FMAIL:
	505.231.1212 ar@ndblandfill.com company Man PHONE: 2-313 - 1288
	Premier ESP No. 1
	COMPANY NAME: BTA OIL Producers DATE: 5-5-25
4	LEASE: Mesa Signt PHONE:
	AFE #: QUANTITY: BBLS
	RIG NAME: WELL #: 12 YARDS
	STATE & COUNTY ORIGIN:
	Waste Description (check only one box) RCRA Exempt RCRA Non-Exempt
0	□ Water Based Cuttings (DRY) □ Water Based Cuttings (WET) □ Contaminated Soil □ Produced Sands
rat	Oil Based Cuttings (DRY) Oil Based Cuttings (WET) Injectable Fluids Non-Injectable Fluids Tank Bottoms
ne	Oil Base Mud Water base Mud
Generator	Rig Trash Pit Liners Authorize Washout? Yes No
1	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 load
+1	is (Check the appropriate classification)
Part	□ 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 Date Signature
	TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT
ter	COMPANY NAMEROTTON TRK LLC YARD#: 12 WHP#: TRUCK#: 03
Or	ADDRESS 224 Cecil Hobbs hm 88240 TICKET #: ROLL OFF BIN#: TRAILER #:
Transpo	DATE C S OFFIME DISPATCHER 1 DISPATCHER 1 DISPATCHER 1 DISPATCHER
Tra	RECEIVED: PM NAMEL CY 105 11 COTOL SPHONE: 15-605 275 The following statement must be signed by the truck driver prior to unloading at disposal facility:
2-	"I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE."
E	DRIVER GY 05 MOYA 185 DRIVER'S SIGNATURE: (OF OF)
Part	(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
t	FACILITY RECEIVED AT (Check One); DATE: 5 5 TIME IN: AM / PM TIME OUT: AM / PM
Facility	□ Northern Delaware Basin Landfill
Fa	2029 W. NM Highway 128 Jal, New Mexico 88252
Te	WASHOUT; TIME IN: TIME OUT:
Disposal	ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A NORM Shake Out:
isk	TCLP: PASS FAIL N/A TESTING: 1 2 3 324/60
- 0	TOX: PASS FAIL N/A H ₂ O //
8	SERVICE NOTES: (Less than 50 MCR) Gallon Test:
Part	This is to certify that: has received the above indicated waste, waste has passed all acceptances testing of this
4	facility and the waste has been disposed of in an authorized manner at a permitted site. EMPLOYEE SIGNATURE:
Re	leased to Imaging: 9/2/2025 2:33:53 PM by: Disposal Facility Yellow: Transporter Pink: Generator
	Time Copy, Disposal racility Tellow, transporter Plnk; Generator

MANIF Egge #41 of 151 Received by OCD: 7/31/2025 8:51:27 AM **OWL Landfill Services, LL** DBA: Northern Delaware Basin Landfill SIGNATURE: . 3889 Maple Ave. Suite 300 Dallas, TX 75219 COMPANY MAN EMAIL: 505.231.1212 COMPANY MAN PHONE ar@ndblandfill.com COMPANY NAME: PHONE: **OUANTITY:** API: -AFE #: WELL #: RIG NAME: _ STATE & COUNTY ORIGIN: _ **RCRA Non-Exempt RCRA Exempt** Waste Description (check only one box) Produced Sands Contaminated Soil ■ Water Based Cuttings (WET) ■ Water Based Cuttings (DRY) Generator ■ Non-Injectable Fluids ■ Injectable Fluids Oil Based Cuttings (WET) Oil Based Cuttings (DRY) ☐ Tank Bottoms ■ Muds w/Cement ■ Water Base Mud Oil Base Mud ☐ Pit Liners Rig Trash **Authorize Washout?** 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 load is (Check the appropriate classification) Oilfield wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste (NDBL Accepts T RCRA EXEMPT: certifications on a per load basis only) Oilfield waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA ☐ RCRA NON-EXEMPT: 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) ☐ Other (Provide Description Below) ☐ Process Knowledge RCRA Hazardous Waste Analysis ☐ SDS Information Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous ☐ EMERGENCY NON-OILFIELD: waste determination and a description of that waste must accompany this form) Date. (Print) Authorized Agent's Name TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT - Transporter YARD #: WHP #: HODDS NM 8824 OTICKET #: **ROLL OFF BIN#:** TRAILER #: ADDRESS DISPATCHER ☐ AM DATE NAME: RECEIVED: ☐ PM 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'S SIGNATURE: DRIVER:** (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 TIME IN: FACILITY RECEIVED AT (Check One): Disposal Facility TIME OUT: ■ Northern Delaware Basin Landfill WASHOUT BY:_ 2029 W. NM Highway 128 | Jal, New Mexico 88252 WASHOUT: TIME IN: _ TIME OUT: **Shake Out:** NORM FAIL N/A ACCEPTANCE TESTING: PAINT FILTER: **PASS** N/A TCLP: **PASS** FAIL **PASS** FAIL N/A TOX: H₂O (Less than 50 Gallon Test: **SERVICE NOTES:** MCR) This is to certify that: has received the above indicated waste, waste has passed all acceptances testing of this Employee (Printed Name) facility and the waste has been disposed of in an authorized manner at a permitted site.

BBLS

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AM / PM

AM / PM

EMPLOYEE SIGNATURE:

SOMPRIAND NAME STATE A COUNTY ORIGIN: STATE & COUNTY ORIGIN: GRAN A COUNTY OR A COUNT	Re	eceived by OCD: 7/31/2025	Landfill Services, LLC	COMPANY MAN: RA	brited Agent's Printed Name and Title)	MANIF Proget 142 of 151
Dallas, TX 75219 ar@molblandfill.com Company NAME Company NAM			DBA: Northern Delaware Basin Landfill		orized Agent's Filited Hame and Hasy	0004004
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APE :			ar@ndblandfill.com	COMPANY MAN PHOD		
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Print Authorized Agent's Name Signature Printed		☐ RCRA NON-EXEMPT:	Oilfield waste which is non-hazardous i	hat does not exceed the mini-	mum standards for waste hazardous l	by characteristics established in RCRA amended. The following documentation
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TO BE COMPLETED BY THE TRANSPORTER WHILE THE GENERATOR IS PRESENT COMPANY NAME GY YOV TRK LLC YARD#: QO WHP#: TRUCK#: GO ADDRESS 2 LH COL Hobbs NN 88 2 LO TICKET #: ROLL OFF BIN#: TRAILER #: DISPATCHER ADDRESS 2 LH COL Hobbs NN 88 2 LO TICKET #: ROLL OFF BIN#: TRAILER #: DISPATCHER PHONE 75 - 605 - 2755 The following statement must be signed by the truck driver prior to unloading at disposal facility: "ICERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACED IN THIS VESSEL SINCE LOADING OF MATERIAL DESCRIBED IN PART 1 ABOVE." DRIVER: GO OF OR COMPANY NAME GY YOU A C S PHONE 75 - 605 - 2755 THE FOLLOWING STATEMENT OF MY KNOWLEDGE TO BE COMPLETED BY OWL LANDFILL EMPLOYEES TO BE COMPLETED BY OWL LANDFILL EMPLOYEES TIME IN: AM PRM TIME OUT: TIME IN: TIME OUT: ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TOX: PA		(Print) Authorized Agent's Name		Date	Signature	
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DRIVER: OF ONE OF ONE 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 TO BE COMPLETED BY OWL LANDFILL EMPLOYEES FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill		"I CERTIFY THAT NO OT	HER MATERIAL HAS BEEN PLACE	ED IN THIS VESSEL SIN	ICE LOADING OF MATERIAL	DESCRIBED IN PART 1 ABOVE."
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MCR) SERVICE NOTES:	is	TC	CLP: PASS FAIL N/A	TO SHOULD AND PROPERTY AND VALUE OF THE PARTY OF THE PART	1 1 1	247214
This is to certify that: has received the above indicated waste, waste has passed all acceptances testing of this facility and the waste has been disposed of in an authorized manner at a permitted site.	Maria Control	TC	CLP: PASS FAIL N/A	P	1 1 1	
	3-	SERVICE NOTES:	CLP: PASS FAIL N/A	(Less than 50 MCR)	H ₂ O N/A	Gallon Test:
\triangle	3-	SERVICE NOTES:	CLP: PASS FAIL N/A DX: PASS FAIL N/A	(Léss than 50 MCR)	H ₂ O S	Gallon Test:
Released to Imaging: 9/2/2025 2:33:53 PM White Copy: Disposal Facility Yellow: Transporter Pink: Generator	Part 3 -	SERVICE NOTES: This is to certify that: EMPLOYEE SIGNATURE:	PASS FAIL N/A DX: PASS FAIL N/A Employee (Printed Name)	(Léss than 50 MCR)	H ₂ O S	Gallon Test:

Rec	eived by OCD: 7/31/2025 8:51:27 AM	COLUMN MANU	Ray Ram	05)	MANIFEST #
	DBA: Northern Delaware Basin Landfill 3889 Maple Ave. Suite 300 Dallas, TX 75219 505.231.1212 ar@ndblandfill.com	SIGNATURE:	MAIL:	Ni t	0394323
	" BIA Dil Prod	ucers	DATE: 5	-13-2	5
	MPANY NAME: O GIONT	V CCI D	PHONE:		
	LEASE: Mesa Giant	02			
1	AFE #: API: 200	00	_ QUANTITY:		_ BBLS
	RIG NAME: WELL #: _			12	_ YARDS
	STATE & COUNTY ORIGIN:	7 0504.5		RCRA Non-E	vemnt
	Waste Description (check only one box)	RCRA Exem	-		roduced Sands
Generator	Water Based Cuttings (DRY) Water Based Cuttin		Contaminated Soil		on-Injectable Fluids
rat	Oil Based Cuttings (DRY)	(WET)	Injectable Fluids		ank Bottoms
ne	Oil Base Mud Water Base Mud		☐ Muds w/Cement		ank bottoms
e	Rig Trash Pit Liners		Authorize Washout	? Yes	No
~	Other:				ation, the above described waste load
1-1	I hereby certify that according to the Resource Conservation and Recovery Act (RCR is (Check the appropriate classification)				
Part	☐ RCRA EXEMPT: Oilfield wastes generated from oil and ga	as exploration and produ	action operations and are no	t mixed with non-exen	npt waste (NDBL Accepts
4	certifications on a per load basis only) RCRA NON-EXEMPT: Oilfield waste which is non-hazardous the	at door not overed the r	ninimum standards for wast	e hazardous by charact	teristics established in RCRA
	regulations 40 CFR 261 21-261 24, or liste	ed hazardous waste as d	efined by 40 CFR, part 261, s	subpart D, as amended	. The following documentation
	demonstrating the waste as non-hazardo		☐ Process Knowledge	Other (Provide I	Description Relow)
E35000	☐ SDS Information ☐ RCRA Hazar	rdous Waste Analysis	☐ Process Knowledge	□ Other (Flowage)	Sescription Below,
					A CONTRACTOR OF THE PROPERTY O
	☐ EMERGENCY NON-OILFIELD: Emergency non-hazardous, non-oilfield waste determination and a description o	waste that has been ord of that waste must accom	ered by the Department of F	Public Safety (the order	documentation of non-hazardous
	waste determination and a description o	waste that has been ord of that waste must accom	npany this form)	Public Safety (the order	documentation of non-hazardous
	waste determination and a description of (Print) Authorized Agent's Name	f that waste must accom Date	npany this form) Signatu	ire	documentation of non-hazardous
-	(Print) Authorized Agent's Name TO BE COMPLETED BY THE TR	f that waste must accom Date ANSPORTER WHIL	E THE GENERATOR IS	ire	0.2
rter	(Print) Authorized Agent's Name TO BE COMPLETED BY THE TR COMPANY NAME: BATTON TRK LLC	DateANSPORTER WHIL	npany this form) Signatu	ire	documentation of non-hazardous TRUCK #: 03
oorter	(Print) Authorized Agent's Name TO BE COMPLETED BY THE TR	DateANSPORTER WHIL	E THE GENERATOR IS	PRESENT	0.2
Isporter	Waste determination and a description of the completed By THE TR COMPANY NAME: BOY TON TRK LLC ADDRESS: 24 Cecil Hobbs Nm 88.246 DATE 12 STIME AM	ANSPORTER WHIL YARD #: DISPATCHER OTHER	E THE GENERATOR IS WHP #:	PRESENT F BIN#: DISPATO	TRUCK#: 03 TRAILER#:
ransporter	Waste determination and a description of the complete By The TR COMPANY NAME: BOY TON TRK LLC ADDRESS: 24 Cecil Hobbs Nm 88 240 DATE BY TIME AM RECEIVED: AM PM	ANSPORTER WHIL YARD #: DISPATCHER NAME OY	ETHE GENERATOR IS WHP #: ROLL OF	PRESENT F BIN#: DISPATO PHONE	TRUCK#: 03 TRAILER#: CHER \$\frac{7}{5} - 605 - 275
- Transporter	Waste determination and a description of the complete By The TR K LLC ADDRESS: 24 Cecil Hobbs Nm 88 240 DATE RECEIVED: AM PM The following statement must be sign	ANSPORTER WHIL YARD #: DISPATCHER NAME OY ned by the truck di	E THE GENERATOR IS WHP #: ROLL OF	PRESENT F BIN#: DISPATO PHONE g at disposal facil	TRUCK#: 03 TRAILER#: CHER \$\frac{7}{5} - 605 - 275
2-	Waste determination and a description of the complete By The TR COMPANY NAME: BOY FON TRK LLC ADDRESS: 24 Cecil Hobbs Nm 88 240 DATE BY TIME AM RECEIVED: AM PM	ANSPORTER WHIL YARD #: DISPATCHER NAME OY ned by the truck di D IN THIS VESSEL	E THE GENERATOR IS WHP #: ROLL OF Wiver prior to unloadin SINCE LOADING OF M	PRESENT F BIN#: DISPATO PHONE g at disposal facil	TRUCK#: 03 TRAILER#: CHER \$\frac{7}{5} - 605 - 275
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2-	TO BE COMPLETED BY THE TR COMPANY NAME: BOY FON TRICE LLC ADDRESS: 24 Cecil Hoods Nym 88 246 DATE AM RECEIVED: AM The following statement must be sign "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACE DRIVER: (Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GROUP FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill	ANSPORTER WHILL YARD #: DISPATCHER NAMEL OY ned by the truck di D IN THIS VESSEL : IVEN ON THIS MANII LETED BY OWL LIAI	E THE GENERATOR IS WHP #: ROLL OF Wiver prior to unloadin SINCE LOADING OF N PRIVER'S SIGNATURE: FEST IS TRUE AND ACCU NDFILL EMPLOYEES TIME TIME WASHOUT BY:	PRESENT DISPATO PHONE g at disposal facil MATERIAL DESCRI	TRUCK#: 03 TRAILER#: CHER \$\frac{1}{2} \text{S-60S-27S} ity: BED IN PART 1 ABOVE." OF MY KNOWLEDGE AM (PM) AM / PM
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Facility Part 2-	TO BE COMPLETED BY THE TR COMPANY NAME: BOY CON TRIVERS AND 188246 ADDRESS: 24 Cec. Hoobs Nm 88246 DATE TIME AM RECEIVED: PM The following statement must be sign "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACE DRIVER: (Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GO TO BE COMPLETED TO BE COMPLETED TO BE COMPLETED BY THE TREE AM PM The following statement must be sign "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACE (Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GO TO BE COMPLETED TO BE COMPLETED TO BE COMPLETED TO BE COMPLETED BY THE TREE AM PM TO BE COMPLETED TO BE COM	ANSPORTER WHILL YARD #: DISPATCHER NAMEL OY need by the truck di D IN THIS VESSEL : IVEN ON THIS MANII LETED BY OWL LIAL DATE:	ETHE GENERATOR IS WHP #: ROLL OF WOY Q VIVER SIGNATURE: REST IS TRUE AND ACCU NDFILL EMPLOYEES TIME WASHOUT BY: WASHOUT:	PRESENT DISPATION PHONE G at disposal facil MATERIAL DESCRI	TRUCK#: 03 TRAILER#: CHER \$\frac{1}{2} \text{S-60S-27S} ity: BED IN PART 1 ABOVE." OF MY KNOWLEDGE AM (PM) AM / PM
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- Disposal Facility Part 2 -	TO BE COMPLETED BY THE TR COMPANY NAME: BOY CON RK LLC ADDRESS: 24 Cec. Hoobs Nm 88 249 DATE AM RECEIVED: AM The following statement must be sign "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACE DRIVER: (Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GO TO BE COMPLETED ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A	ANSPORTER WHILL YARD #: DISPATCHER NAME OY ned by the truck di D IN THIS VESSEL IVEN ON THIS MANII LETED BY OWL LAI DATE: NORM TESTING: (Less than 50	E THE GENERATOR IS WHP #: ROLL OF WOY ON VIVER SIGNATURE: PEST IS TRUE AND ACCU NDFILL EMPLOYEES TIME TIME WASHOUT BY: WASHOUT:	PRESENT DISPATO PHONE g at disposal facil MATERIAL DESCRI E IN: E OUT: TIME IN: Dut:	TRUCK#: 03 TRAILER#: CHER \$\frac{1}{2} \text{S-60S-27S} ity: BED IN PART 1 ABOVE." OF MY KNOWLEDGE AM (PM) AM / PM
3 - Disposal Facility Part 2 -	TO BE COMPLETED BY THE TR COMPANY NAME: BOY ON RK LLC ADDRESS: CECL HOODS NM 88.24 DATE TIME AM RECEIVED: AM The following statement must be sign "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACE DRIVER: OY OS (Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GO TO BE COMPL FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252 ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A SERVICE NOTES: This is to certify that:	ANSPORTER WHILL YARD #: DISPATCHER NAME OY TICKET #: DISPATCHER NAME OY THIS VESSEL DIVEN ON THIS MANIE LETED BY OWL LAI DATE: NORM TESTING: (Less than 50 MCR)	E THE GENERATOR IS WHP #: ROLL OF WOY ON VIVER 'S SIGNATURE: FEST IS TRUE AND ACCU NDFILL EMPLOYEES TIME TIME WASHOUT BY: WASHOUT: Shake C 1 2 H ₂ O S	PRESENT DISPATO PHONE g at disposal facil MATERIAL DESCRI PRATE TO THE BEST E IN: TIME IN: Dut: 3	TRUCK #: 03 TRAILER #: CHER \$\frac{1}{5} \tau - 60 \tau - 27 \tau \tau \tau \tau \tau \tau \tau \tau
3 - Disposal Facility Part 2 -	TO BE COMPLETED BY THE TR COMPANY NAME: BOY ON RK LLC ADDRESS: Cecil Hoods Nm 88.24 DATE TIME AM RECEIVED: AM The following statement must be sign "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACE DRIVER: ON S (Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GROUP TO BE COMPLETED BY THE TREE ASS FAIL N/A TOLP: PASS FAIL N/A TOX: PASS FAIL N/A SERVICE NOTES:	ANSPORTER WHILL YARD #: DISPATCHER NAME OY TICKET #: DISPATCHER NAME OY THIS VESSEL DIVEN ON THIS MANIE LETED BY OWL LAI DATE: NORM TESTING: (Less than 50 MCR)	E THE GENERATOR IS WHP #: ROLL OF WOY ON VIVER 'S SIGNATURE: FEST IS TRUE AND ACCU NDFILL EMPLOYEES TIME TIME WASHOUT BY: WASHOUT: Shake C 1 2 420 5 as received the above indicates	PRESENT DISPATO PHONE g at disposal facil MATERIAL DESCRI RATE TO THE BEST IN: OUT: TIME IN: Dut: 3 ted waste, waste has po	TRUCK#: 03 TRAILER#: CHER #575-605-275 Ity: BED IN PART 1 ABOVE: OF MY KNOWLEDGE AM (PM) AM / PM TIME OUT:
- Disposal Facility Part 2 -	TO BE COMPLETED BY THE TR COMPANY NAME: BOY ON RK LLC ADDRESS: CECL HOODS NM 88.24 DATE TIME AM RECEIVED: AM The following statement must be sign "I CERTIFY THAT NO OTHER MATERIAL HAS BEEN PLACE DRIVER: OY OS (Driver's Name Printed) I, (TRANSPORTER), CERTIFY THAT THE INFORMATION GO TO BE COMPL FACILITY RECEIVED AT (Check One): Northern Delaware Basin Landfill 2029 W. NM Highway 128 Jal, New Mexico 88252 ACCEPTANCE TESTING: PAINT FILTER: PASS FAIL N/A TCLP: PASS FAIL N/A TOX: PASS FAIL N/A SERVICE NOTES: This is to certify that:	ANSPORTER WHILL YARD #: DISPATCHER NAME OY TICKET #: DISPATCHER NAME OY THIS VESSEL DIVEN ON THIS MANIE LETED BY OWL LAI DATE: NORM TESTING: (Less than 50 MCR)	E THE GENERATOR IS WHP #: ROLL OF WOY ON VIVER 'S SIGNATURE: FEST IS TRUE AND ACCU NDFILL EMPLOYEES TIME TIME WASHOUT BY: WASHOUT: Shake C 1 2 420 5 as received the above indicates	PRESENT DISPATO PHONE g at disposal facil MATERIAL DESCRI RATE TO THE BEST IN: OUT: TIME IN: Dut: 3 ted waste, waste has po	TRUCK #: 03 TRAILER #: CHER #575-605-275 ity: BED IN PART 1 ABOVE." OF MY KNOWLEDGE AM (PM) AM / PM TIME OUT: Gallon Test: assed all acceptances testing of this

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

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

QUESTIONS

Action 490736

QUESTIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	490736
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites		
Incident ID (n#)	nAPP2506049156	
Incident Name	NAPP2506049156 MESA BRONCO CTB @ 0	
Incident Type	Oil Release	
Incident Status	Remediation Closure Report Received	
Incident Facility	[fAPP2322134217] Mesa Bronco CTB	

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Mesa Bronco CTB
Date Release Discovered	02/28/2025
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Oil 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	Cause: Corrosion Flow Line - Production Crude Oil Released: 23 BBL Recovered: 20 BBL Lost: 3 BBL.	
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 22 BBL Recovered: 20 BBL Lost: 2 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	Yes	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.	

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QUESTIONS, Page 2

Action 490736

QUESTI	IONS (continued)
Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:
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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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 s	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	Not answered.
	I lation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Samantha Allen Title: Tetratech Email: Samantha.allen@tetratech.com Date: 07/31/2025

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QUESTIONS, Page 3

Action 490736

QUESTIONS (continued)

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	490736
	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 approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Estimate or Other
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
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	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 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	Zero feet, overlying, or within area
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	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination as	ssociated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
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 millig	grams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	578	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	890	
GRO+DRO (EPA SW-846 Method 8015M)	801	
BTEX (EPA SW-846 Method 8021B or 8260B)	1.3	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence	05/02/2025	
On what date will (or did) the final sampling or liner inspection occur	06/09/2025	
On what date will (or was) the remediation complete(d)	05/14/2025	
What is the estimated surface area (in square feet) that will be reclaimed	0	
What is the estimated volume (in cubic yards) that will be reclaimed	0	
What is the estimated surface area (in square feet) that will be remediated	2715	
What is the estimated volume (in cubic yards) that will be remediated	148	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.		

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QUESTIONS, Page 4

Action 490736

QUESTIONS (continued)

ı	Operator:	OGRID:
ı	BTA OIL PRODUCERS, LLC	260297
ı	104 S Pecos	Action Number:
ı	Midland, TX 79701	490736
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)		
appropriate district office no later than 90 days after the release discovery date.		
/ reduce contaminants:		
(Select all answers below that apply.)		
Yes		
OWL LANDFILL JAL [fJEG1635837366]		
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.

Name: Samantha Allen
Title: Tetratech
Email: Samantha.allen@tetratech.com

Date: 07/31/2025

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

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QUESTIONS, Page 5

Action 490736

QUESTIONS (continued)

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	490736
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 490736

QUESTIONS (continued)

operator.	CONE.
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	490736
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
DUESTIONS	[6] remainded electric required electric)
Sampling Event Information	
Last and English of Co. (O. (A) A)	
Last sampling notification (C-141N) recorded	457445
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/06/2025
What was the (estimated) number of samples that were to be gathered	13
What was the sampling surface area in square feet	1975
Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	mediation 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	2715
What was the total volume (cubic yards) remediated	148
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	From May 2 to 14, 2025, remedial activities were conducted at the Site, including hydrovac, excavation, disposal, and confirmation sampling. The areas within the release footprint were excavated to a maximum depth of 1.5 ft bgs based on field screening values and confirmation sampling results. Due to safety concerns associated with working around pressurized lines, prior to remediation, hydro-excavation was used to daylight lines in the vicinity of the release. All excavated material was transported off-site for proper disposal.

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.

Approximately 148 cubic yards of material were transported to the Northern Delaware Basin Landfill in Jal, New Mexico. 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 discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area.

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.

Name: Samantha Allen
Title: Tetratech
Email: Samantha.allen@tetratech.com
Date: 07/31/2025

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QUESTIONS (continued)

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

QUESTIONS

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

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CONDITIONS

Action 490736

CONDITIONS

Operator:	OGRID:
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104 S Pecos	Action Number:
Midland, TX 79701	490736
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By		Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2506049156 MESA BRONCO CTB, thank you. This Remediation Closure Report is approved.	9/2/2025