

December 2, 2024

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

Re: Release Characterization and Closure Request **BTA Oil Producers, LLC** Grama 8817 16-9 Fed Com #5H Tank Battery Release Unit Letter M, Section 16, Township 22 South, Range 34 East Lea County, New Mexico Incident ID# nRM2014056076

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by BTA Oil Producers, LLC (BTA) to assess a legacy release that occurred at the Grama 8817 JV-P Tank Battery. The release is located in Public Land Survey System (PLSS) Unit Letter M, Section 16, Township 22 South, Range 34 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.386018°, -103.481835°, as shown on Figures 1 and 2.

BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report, the release occurred on May 15, 2020, when the body of a dump valve on the Grama #5H separator washed out. Approximately two hundred and sixty (260) barrels (bbls) of fluid was released. The volume was determined by measurement of the fluid recovered via vacuum truck. The release was fully contained within the secondary lined containment of the tank battery. The approximate release extent is shown on Figure 3. The NMOCD approved the initial C-141 on May 18, 2020, and subsequently assigned the release the Incident ID nRM2014056076. The initial C-141 form is included in Appendix A.

INITIAL LINER INSPECTION AND CLOSURE REQUEST

Charger Environmental Services (Charger) conducted a liner integrity inspection on August 8, 2023. During the inspection, it was observed that no defects or abnormalities were present, that would compromise the integrity of the containments ability to retain fluids.

Charger prepared a Site Assessment Report, dated April 11, 2024, that summarized the liner inspection activities and requested closure of the incident. According to information provided by BTA, and corroborated by a review of NMOCD permitting, this application was rejected by the OCD the same day. A brief review of OCD permitting indicates that the application was rejected due to an incomplete C-141 submission:

"This application has been rejected because the C-141 is incomplete. The submitted application indicates a conflict between the questions answered and the attachments that have been submitted. For example the answer "No" was selected when requesting a remediation plan approval; however, your attachments indicate that your intent is to request a remediation closure

Tetra Tech

report approval. Please review the December 1, 2023 Public Notice titled "Implementation of Digital C-141 and New Incident Statuses" found on the EMNRD website. Review your C-141 submission and submit a new C-141 answering the appropriate questions for your circumstance." Upon further review, it appears that this Charger report (as written) would inevitably be rejected regardless. The liner does not appear to have been power washed, and required language regarding the liner as able to contain the leak in question (no rips, tears, or holes), and remaining intact are not included. Additionally, the two business days' notice via the portal was not given to the OCD (C-141L) to conduct the liner inspection.

A copy of the Site Assessment Report is available in the NMOCD online incident files.

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 50 and 100 feet
Method used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water?	No
The minimum distance between the closest lateral extents of the release and the followers	wing surface areas:
A continuously flowing watercourse or any other significant watercourse	> 5 miles
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	> 5 miles
An occupied permanent residence, school, hospital, institution, or church	> 5 miles
A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes	> 5 miles
Any other fresh water well or spring	> 5 miles
Incorporated municipal boundaries or a defined municipal fresh water well field	> 5 miles
A wetland	Between 1/2 mile and 1 mile
A subsurface mine	> 5 miles
A (non-karst) unstable area	>5 miles
Categorized risk of this well / site being in a karst geology	Low
A 100-year floodplain	>5 miles
Did the release impact areas not on an exploration, development, production, or storage site?	No

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there is one groundwater well record within ½ mile (800 meters) of the Site with available water level data, CP 01963.

Release Characterization and Closure Request December 2, 2024

BTA Oil Producers, LLC

The well was completed to a depth of 60 feet and the well log indicates that the boring was a dry hole. The site characterization data are presented in Appendix B.

REGULATORY FRAMEWORK

Based upon the release footprint location 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, depth to groundwater, and in accordance with Table I of 19.15.29.12 NMAC, the recommended remedial action levels (RRALs) for the Site are as follows:

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

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

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

2024 LINER INSPECTION AND DESKTOP REVIEW ACTIVITIES

The regulatory framework is based upon the release footprint as contained completely within a lined secondary containment structure and 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 the affected material is removed, expose the affected area of the liner, 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
- Notification to the appropriate division district office at least two business days before conducting the liner inspection.

Prior to the liner inspection and in accordance with 19.15.29.11(A)(5)(a) NMAC, notification of a liner inspection at the Grama 8817 16-9 Fed Com #5H Tank battery was submitted via the NMOCD portal on September 26, 2024. The liner inspection notification is included in Appendix C.

On October 2, 2024, Tetra Tech personnel visited the site to perform an inspection of the liner within the containment area of the Grama 8817 16-9 Fed Com #5H Tank battery. This work was scheduled to verify the integrity of the liner. Upon arrival at the site, it was discovered that the Grama 8817 16-9 Fed Com #5H Tank Battery was not located at the GPS as indicated in the C-141.

During a desktop review of the incident, Tetra Tech discovered the GPS location in the C-141 corresponded to the Grama 8817 16 9 Federal #005H well (API 30-025-43871), and that the Grama 8817 JV-P Tank Battery was located approximately 0.84 miles to the west. Photographs documentation by Charger appear to correspond to this identified tank battery. Further, the Grama 8817 JV-P Tank Battery appears to have

been reclaimed sometime between December 2023 and June 2024. Tetra Tech personnel verified the coordinates of the Grama 8817 JV-P Tank Battery at approximately 32.386018°, -103.481835°. As mentioned, these coordinates differ from what is found in the NMOCD imaging files.

CONFIRMATION SITE ASSESSMENT AND SAMPLING RESULTS

Following verification of the Grama 8817 JV-P Tank Battery, Tetra Tech conducted confirmation assessment sampling at the Site on behalf of BTA in order to demonstrate liner integrity prior to the reclamation of the tank battery.

On October 29, 2024, BTA subcontractor excavated eighteen (18) trenches (T-1 through T-18) to 1-foot bgs. Trench Location T-8 (approximate center of former battery) was further excavated an additional 3 feet (total 4 feet) to confirm soil concentration levels meet reclamation limits and applicable Site RRALs. No visible evidence of the release was observed during the 2024 sampling event. Photographic documentation of the release Site is presented in Appendix D.

A total of nineteen (19) soil samples were collected from the 18 trenches and sent to Cardinal Laboratories in Hobbs, New Mexico to be analyzed for chloride via EPA Method 300.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8261B. A copy of the laboratory analytical report and chain-of-custody documentation are included in Appendix E. Analytical results from the 2024 confirmation assessment activities are summarized in Table 1. All analytical results were below reclamation limits and applicable Site RRALs.

CONCLUSION

Prior to the reclamation, the battery was observed to have no defects or abnormalities that would compromise the integrity of the containments ability to retain fluids. Additionally, all analytical results associated with 2024 confirmation assessment results were below the reclamation limits and applicable Site RRALs; therefore, no remediation of the release footprint is necessary. Based on the above, BTA respectfully requests closure for this release. If you have any questions concerning the confirmation sampling activities for the Site, please call me at (512) 560-9064.

Sincerely,

Tetra Tech, Inc.

Nicholas Poole, G.I.T.

Mulha Pell

Project Manager

CC

Mr. Ray Ramos - BTA Oil Producers, LLC

Christian M. Llull, P.G. Senior Project Manager Release Characterization and Closure Request December 2, 2024

BTA Oil Producers, LLC

LIST OF ATTACHMENTS

Figures:

Figure 1 – Overview Map

Figure 2 – Topographic Map

Figure 3 – Approximate Release Area Map (2023)

Figure 4 – Confirmation Assessment Map

Tables:

Table 1 – Summary of Analytical Results – 2024 Confirmation Soil Assessment

Appendices:

Appendix A – C-141 Forms

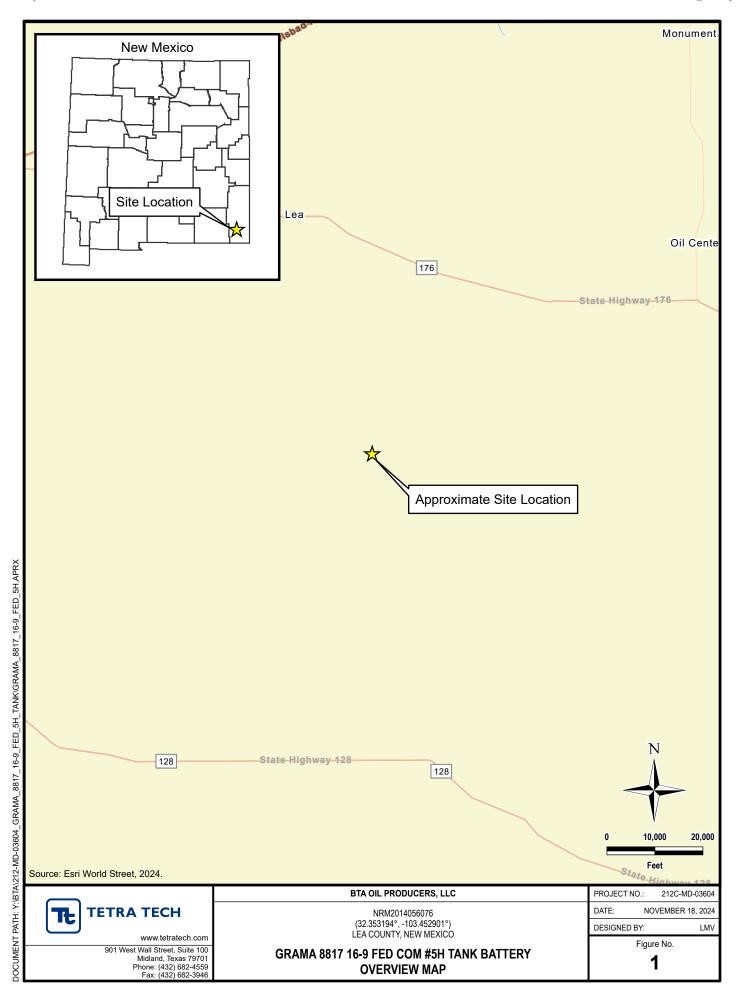
Appendix B - Site Characterization Data

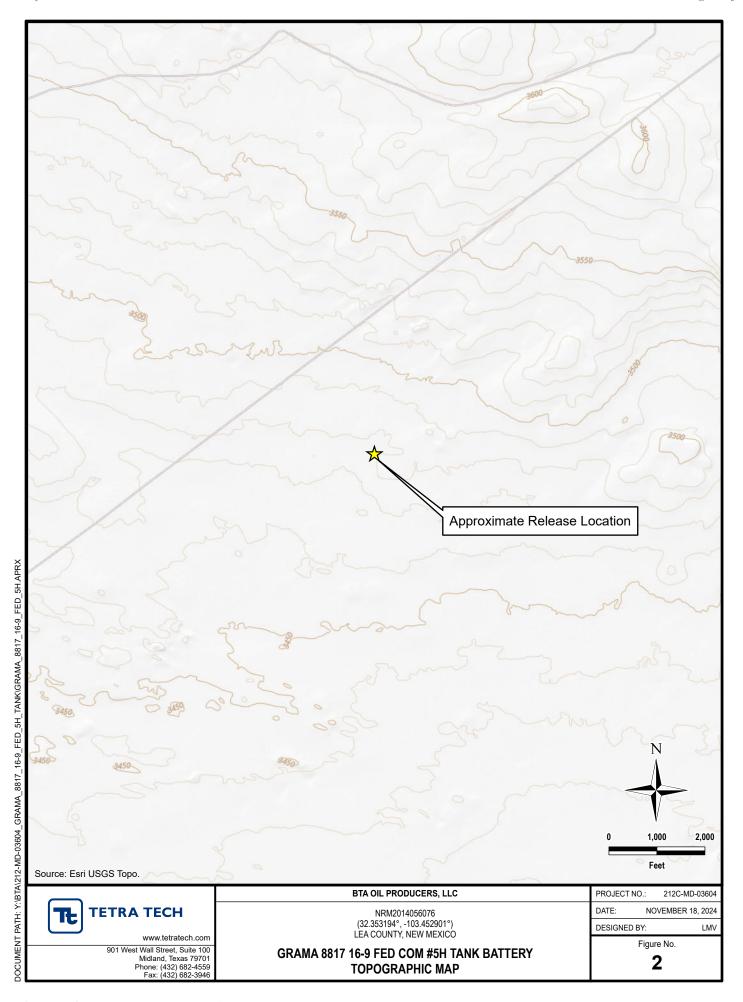
Appendix C – NMOCD Correspondence

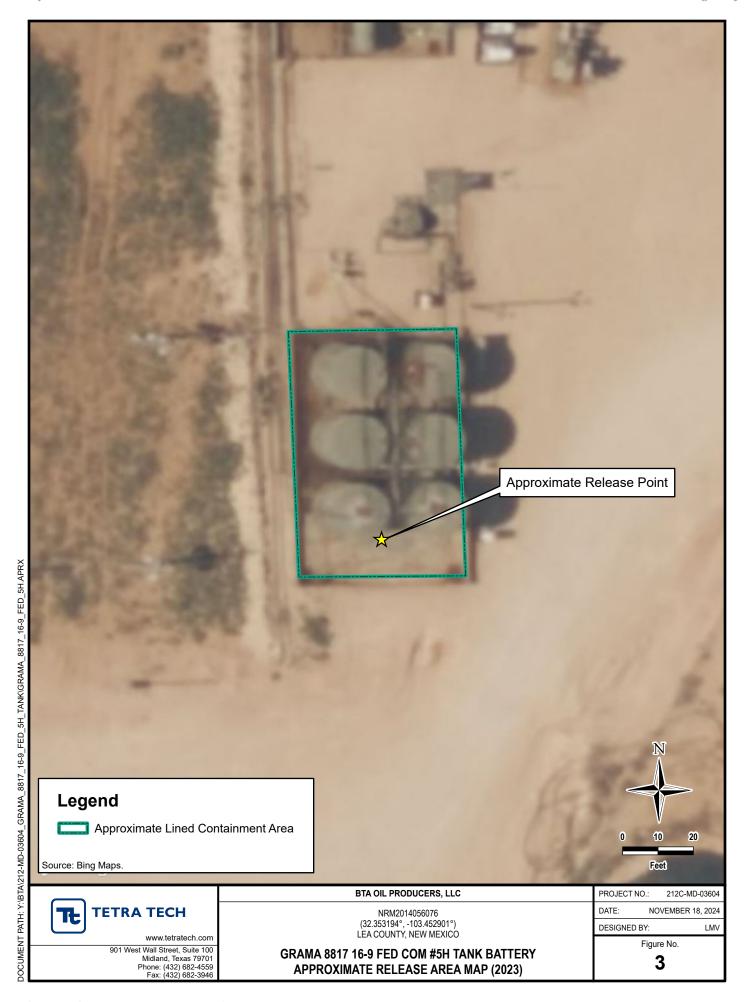
Appendix D – Photographic Documentation

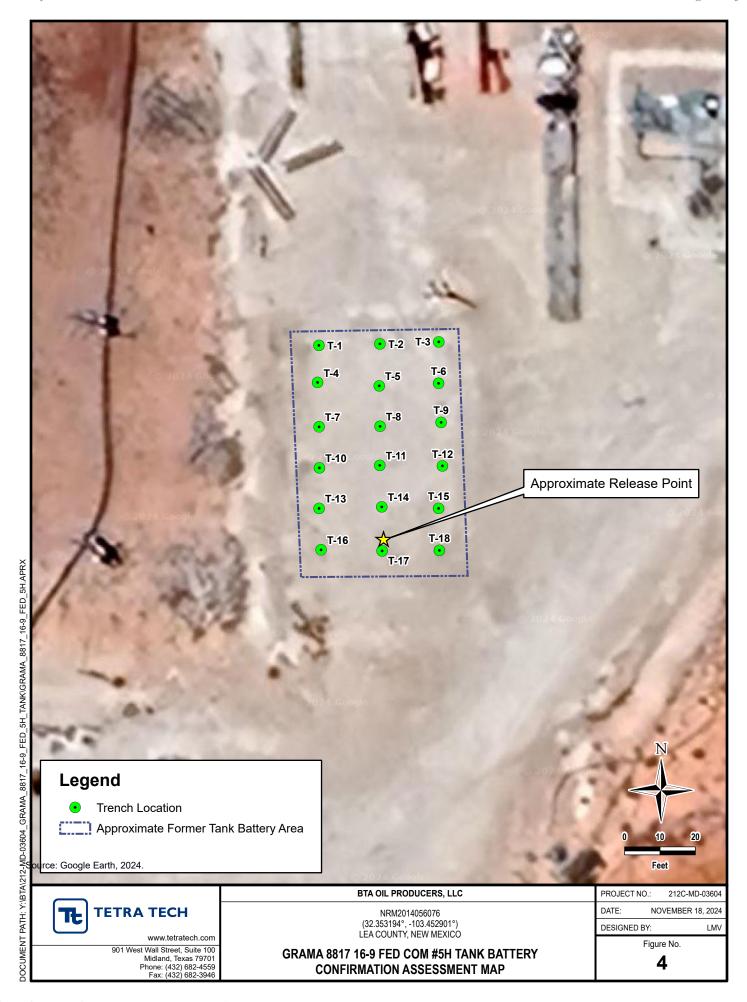
Appendix E – Laboratory Analytical Data

FIGURES









TABLES

TABLE 1 SUMMARY OF ANALYTICAL RESULTS SOIL CONFIRMATION - nRM2014056076 BTA OIL PRODUCERS, LLC GRAMA 8817 16-9 FED COM #5H LEA COUNTY, NM

			Field			TPH ³						
Sample ID	Sample Date	Sample Depth	Screening Results	Chloride ¹		GRO		DRO)	EXT DI	RO	Total TPH
Sample ID	Sample Date		Chloride				10	> C ₁₀ -	C ₂₈	> C ₂₈ - C ₃₆		(GRO+DRO+EXT DRO)
		ft. bgs	ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg
T-1	10/29/2024	0-1	213	176		<10.0		<10.0		<10.0		-
T-2	10/29/2024	0-1	119	64.0		<10.0		<10.0		<10.0		-
T-3	10/29/2024	0-1	254	128		<10.0		<10.0		<10.0		-
T-4	10/29/2024	0-1	187	112		<10.0		<10.0		<10.0		-
T-5	10/29/2024	0-1	248	112		<10.0		<10.0		<10.0		-
T-6	10/29/2024	0-1	519	352		<10.0		<10.0		<10.0		-
T-7	10/29/2024	0-1	113	64.0		<10.0		<10.0		<10.0		-
T-8	10/29/2024	0-1	45.5	16.0		<10.0		<10.0		<10.0		-
		3-4	47.89	<16.0		<10.0		<10.0		<10.0		
T-9	10/29/2024	0-1	118	48.0		<10.0		<10.0		<10.0		-
T-10	10/29/2024	0-1	143	64.0		<10.0		<10.0		<10.0		-
T-11	10/29/2024	0-1	135	64.0		<10.0		<10.0		<10.0		-
T-12	10/29/2024	0-1	129	48.0		<10.0		<10.0		<10.0		-
T-13	10/29/2024	0-1	176	96.0		<10.0		<10.0		<10.0		-
T-14	10/29/2024	0-1	123	48.0		<10.0		<10.0		<10.0		-
T-15	10/29/2024	0-1	140	96.0		<10.0		<10.0		<10.0		-
T-16	10/29/2024	0-1	141	48.0		<10.0		<10.0		<10.0		-
T-17	10/29/2024	0-1	210	160		<10.0		<10.0		<10.0		-
T-18	10/29/2024	0-1	182	64.0		<10.0		<10.0		<10.0		-

NOTES:

ft. Fee

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M

APPENDIX A C-141 Forms

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: BTA Oil Producers, LLC	OGRID: 260297
Contact Name: Bob Hall	Contact Telephone: 432-682-3753
Contact email: bhall@btaoil.com	Incident # (assigned by OCD)
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

Location of Release Source

Latitude: 32.38500° Longitude: -103.46748°

(NAD 83 in decimal degrees to 5 decimal places)

Site Name:	Grama 881	.7 16-9 Fed Com	#5H Tank Battery	Site Type: Tank Battery	
Date Release	Discovered:	5/15/2020		API# (if applicable) Nearest we API #30-025-43871	II: Grama 8817 Fed Com #5H
Unit Letter	Section	Township	Range	County	
Р	16	225	34F	lea	

l							
	Surface Owner	r: 🛛 State	☐ Federal ☐ Tr	ribal Private (A	Name:	-)

Nature and Volume of Release

Mater	rial(s) Released (Select all that apply and attach calculations or speci	fic justification for the volumes provided below)
Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 260 BBL	Volume Recovered (bbls) 260 BBL
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	⊠ Yes □ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release		
	lve on the Grama #5H separator washed out. A total on k battery where this separator vessel sat.	of 260 BBL fluid was released into the secondary
	nined by measurement of the volume of fluid recovered containment for the tank battery built for the produc	

Released to Imaging: 12/10/2024 7:53:48 AM

Form C-141 Page 2

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible party consider this a major release?
19.15.29.7(A) NMAC?	The spill volume was greater than 25 BBL, which the NMOCD Rules define as a major
` ,	release.
⊠ Yes ☐ No	
	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? this release on 5/18/2020. The initial notification is provided by email distribution of the
	and Response to NMOCD and BLM personnel overseeing the area.
	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 rele	ease has been stopped.
The impacted area ha	as been secured to protect human health and the environment.
Released materials ha	ave been contained via the use of berms or dikes, absorbent pads, or other containment devices.
All free liquids and re	ecoverable materials have been removed and managed appropriately.
If all the actions describe	d above have not been undertaken, explain why:
has begun, please attach	IAC the responsible party may commence remediation immediately after discovery of a release. If remediation a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred at area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
regulations all operators are public health or the environr failed to adequately investig	rmation given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and required to report and/or file certain release notifications and perform corrective actions for releases which may endanger ment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have attended at the environment. In a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws
	Title: Environmental Manager
Signature: Bl	Date: 5/18/2020
email: bhall@btaoil.co	om Telephone: 432-682-3753
OCD Only	
Received by:	Date:
	

APPENDIX B Site Characterization Data



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

	OSE POD NO.	(WELL NO.)	WELL TAG ID NO.		OSE FILE NO(S).			
NO	CP 01963					CP-1963-PC	DD1			
OCATI	WELL OWNER Devon Energ					PHONE (OPTIONAL)				
WELL L	WELL OWNER 6488 7 Rive		ADDRESS			CITY Artesia		STATE NM 88210	ZIP	
1. GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS DESCRIPTION	LON	DE TITUDE NGITUDE IG WELL LOCATION TO	* DATUM REG	Y REQUIRED: ONE TENTH OF A SECOND QUIRED: WGS 84 WNSHJIP, RANGE) WHERE AVAILABLE					
	LICENSE NO. 1833	3	NAME OF LICENSED	DRILLER Jason Maley			NAME OF WELL DRI	ILLING COMPANY ision Resources		
	DRILLING STARTED DRILLING ENDED 3-25-24 3-25-24			DEPTH OF COMPLETED WELL (FT) 60'	BORE HO	LE DEPTH (FT) 60'	DEPTH WATER FIRS	ST ENCOUNTERED (FT) N/A	A CALLES	
NOI	COMPLETED WELL IS: ARTESIAN *add V DRY HOLE SHALLOW (UNCONFINED) IN C						WATER LEVEL D' DATE STATIC MEASU PLETED WELL 0' 3-28-24			
MATIC	DRILLING FL		V AIR	MUD ADDITIVES – SPI MER CABLE TOOL OTHER – SPI			CHECK	HERE IF PITLESS ADAI	TER IS	
& CASING INFORMATION	DRILLING METHOD: ROTARY HAMME						INSTALLED			
	DEPTH (feet bgl) FROM TO DIAM (inches)			(include each casing string, and		ASING NECTION TYPE bling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)	
& CA	0	50	6"	PVC 2" SCH40		Thread	2"	SCH40	N/A	
DRILLING &	50	60	6"	PVC 2" SCH40	Г	Thread	2"	SCH40	.02	
2. DRIL										
							OSE OTLAPR	17 2024 pm1:26		
1	DEPTH (feet bgl)	BORE HOLE	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL			AMOUNT (which first)	METHO PLACEN		
ERIAL	FROM	ТО	DIAM. (inches)	*(if using Centralizers for Artesian wells- indicate the spacing below) None pulled and plugged			(cubic feet)	PLACEN	TEN I	
ANNULAR MATERIAL										
3. ANNUI										
,,,									,	

POD NO.

TRN NO.

WELL TAG ID NO.

PAGE 1 OF 2

LOCATION 225. 34E. 17. 434

CP-01963

FILE NO.

-	DEPTH (fee	t bgl)	THICKNESS	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES	WATER BEARING?	ESTIMATED YIELD FOR WATER-				
	FROM	ТО	(YES / NO)	BEARING ZONES (gpm						
	0	10	10'	Brown sand with caliche	Y VN					
	10	30	20'	Tan fine sand with small rock	Y VN					
Ī	30	60	30'	Tan fine sand	Y VN					
					Y N					
					Y N					
					Y N					
					Y N					
			30		Y N					
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	METHOD USI	ED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA:	TOTAL ESTIMATED	•				
	PUMP	WELL YIELD (gpm):	0							
	WELL TEST	LUDING DISCHARGE I R THE TESTING PERIC								
F	MISCELLANEOUS INFORMATION:									
	OSE DIT APR 17 2024 PM1:28									
	0.0C 011 REN 11 2024 FM1.20									
1	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:									
. 1	Jason Maley									
1	CORRECT RE	CORD OF	F THE ABOVE D	IES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELI ESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL R D DAYS AFTER COMPLETION OF WELL DRILLING:	EF, THE FOREGOING ECORD WITH THE ST	IS A TRUE AN ATE ENGINEE				
		4/11/24	4							
	1	11 4	w 1/ 17-1							
		SIGNATI	URE OF DRILLE	R / PRINT SIGNEE NAME	DATE					
	R OSE INTERNA	V	URE OF DRILLE		L RECORD & LOG (Ve	rsion 09/22/202				

Mike A. Hamman, P.E. State Engineer



Roswell Office 1900 WEST SECOND STREET ROSWELL, NM 88201

STATE OF NEW MEXICO OFFICE OF THE STATE ENGINEER

Trn Nbr:

745230

File Nbr:

CP 01963

Well File Nbr: CP 01963 POD1

Apr. 24, 2024

DALE WOODALL
DEVON ENERGY
6488 7 RIVERS HWY
ARTESIA, NM 88210

Greetings:

The above numbered permit was issued in your name on 03/30/2023.

The Well Record was received in this office on 04/17/2024, stating that it had been completed on 03/25/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 03/29/2024.

If you have any questions, please feel free to contact us.

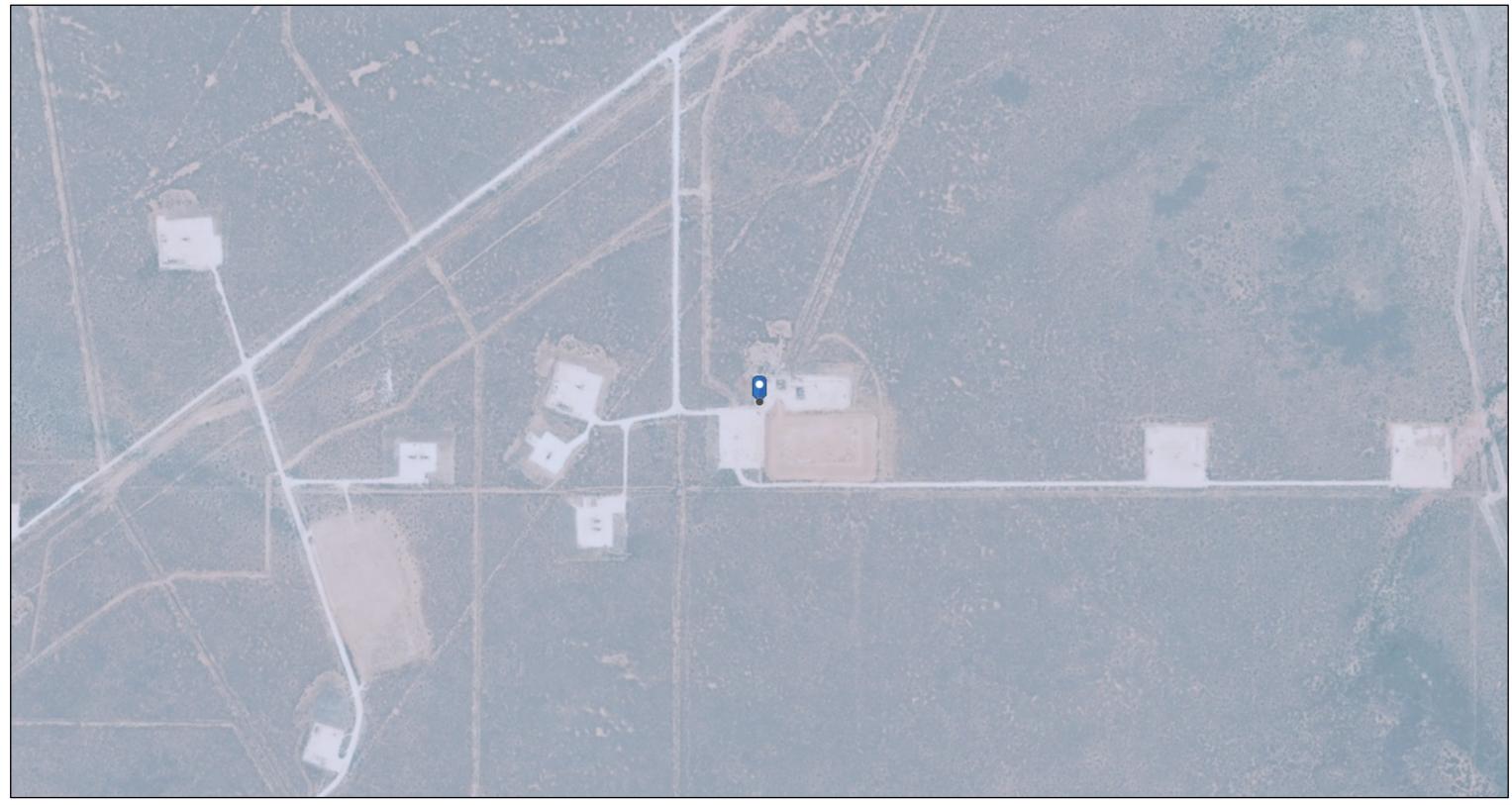
Sincerely,

Rodolfo Chavez (575)622-6521

Rodolf Charley

drywell

Permian Basin Karst Areas



11/14/2024, 2:58:15 PM Karst Occurrence Potential

Low

1:9,028 0 0.07 0.15 0.3 mi 0 0.15 0.3 0.6 km

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

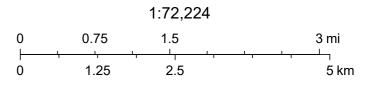
Hydrology Map



11/14/2024, 2:59:33 PM

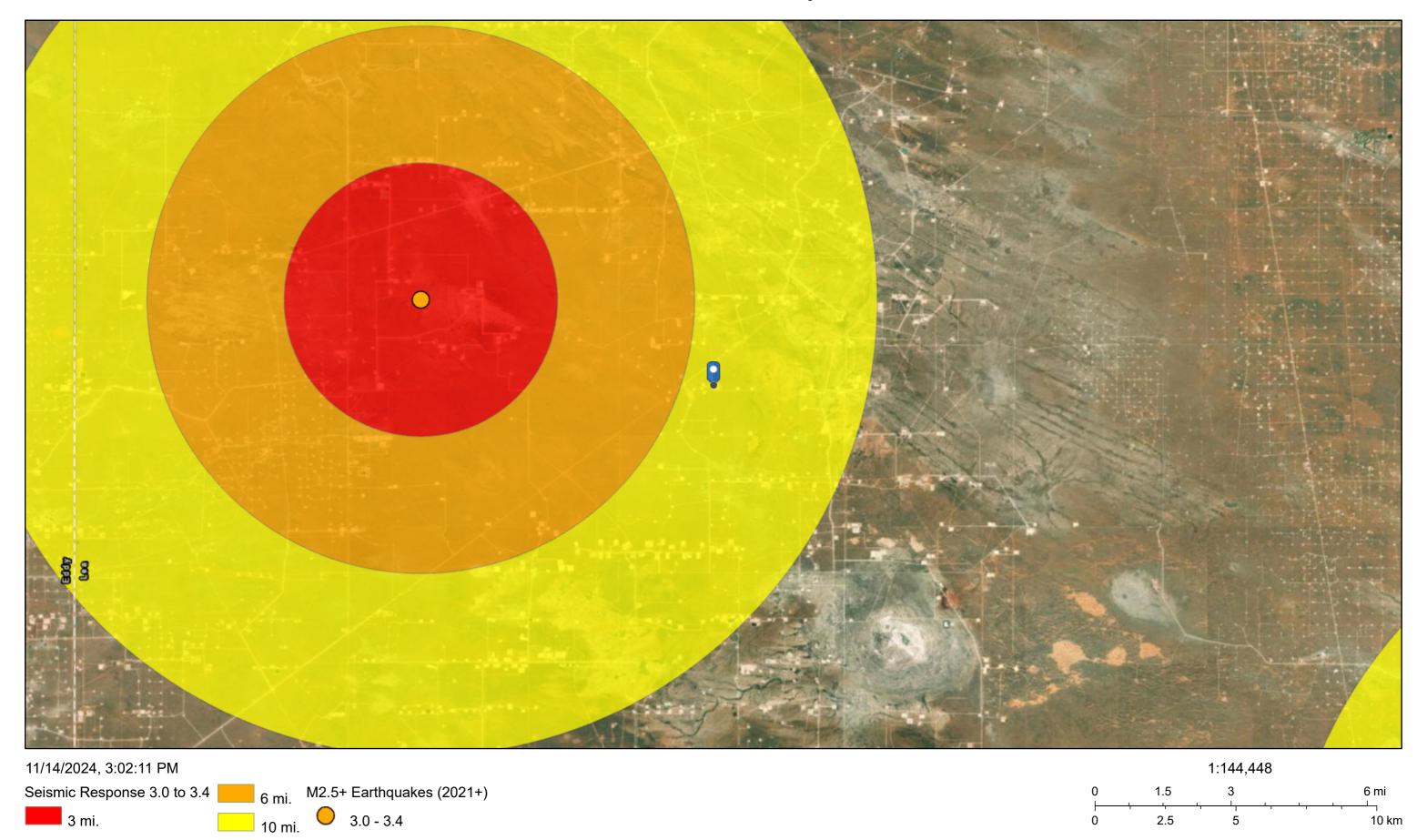
OSW Water Bodys

OSE Probable Playas



Esri, HERE, Garmin, Earthstar Geographics, NM OSE

Induced Seismicity Area



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

2.5

10 km

Land Ownership Map

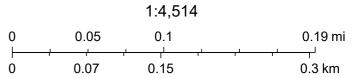


11/14/2024, 3:01:14 PM

Land Ownership

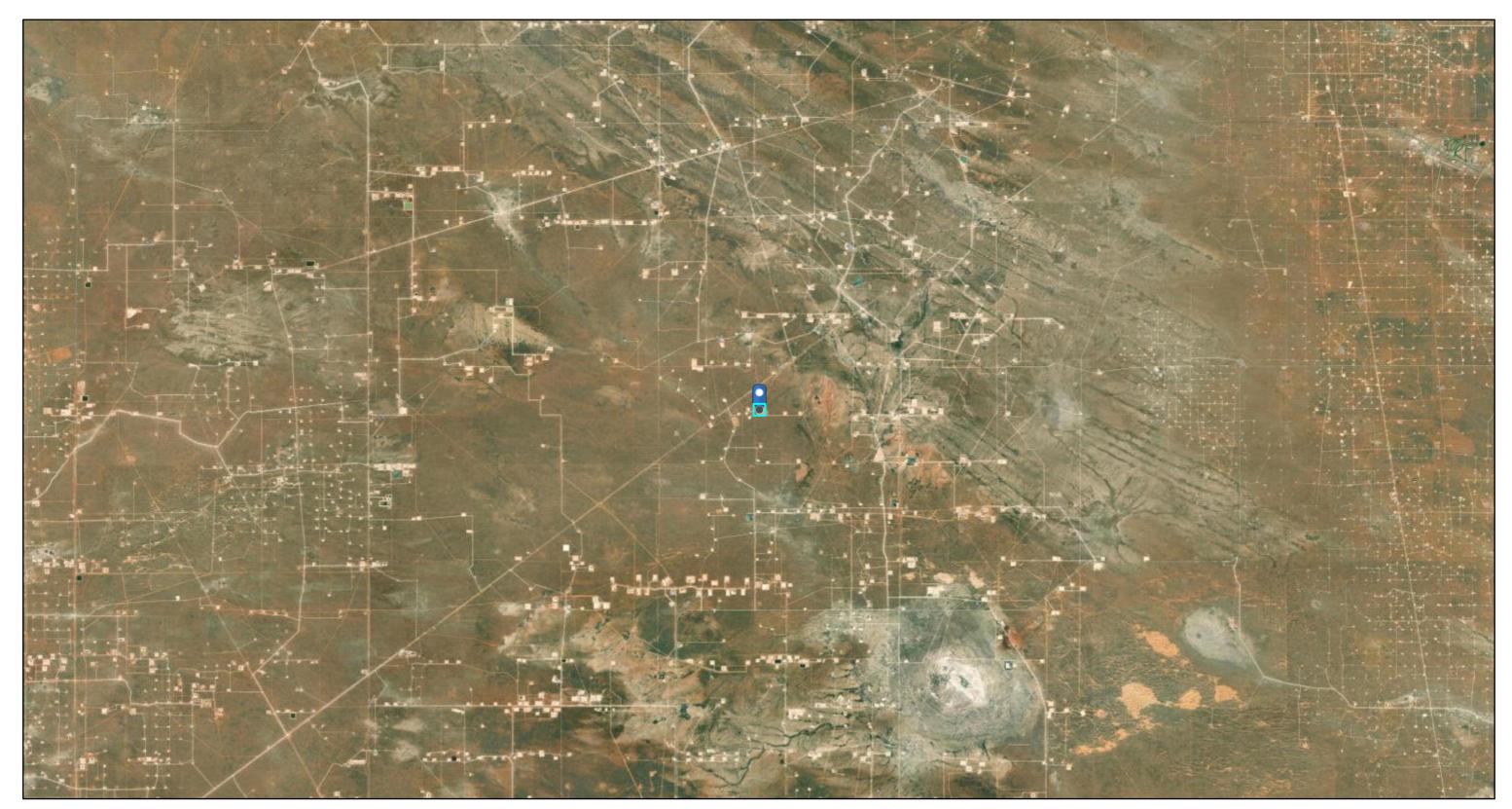
BLM

S



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

Active Mines in New Mexico

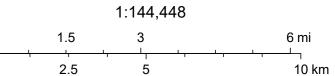


11/14/2024, 3:29:06 PM

Registered Mines

* Aggregate, Stone etc.

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



Earthstar Geographics

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 Area with Flood Risk due to Levee Zone D FLOOD HAZARD 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 | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** ₩ 513 W 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

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

point selected by the user and does not represent

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 11/14/2024 at 9:14 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.



2,000



U.S. Fish and Wildlife Service

National Wetlands Inventory

National Wetlands Inventory Map



November 14, 2024

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.

APPENDIX C NMOCD Correspondence

Poole, Nicholas

From: OCDOnline@state.nm.us

Sent: Thursday, September 26, 2024 2:08 PM

To: Poole, Nicholas

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID:

387426

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

To whom it may concern (c/o Nicholas Poole for BTA OIL PRODUCERS, LLC),

The OCD has received the submitted Notification for Liner Inspection for a Release (C-141L), for incident ID (n#) nRM2014056076.

The liner inspection is expected to take place:

When: 10/02/2024 @ 09:00

Where: P-16-22S-34E 0 FNL 0 FEL (32.38501,-103.46748)

Additional Information: Liner Inspection for Legacy Release.

32.385092°, -103.468049°

Additional Instructions: GRAMA 8817 16 9 FEDERAL #005H lease pad

GPS 32.385092°, -103.468049°

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, liner inspection pursuant to 19.15.29.11.A(5)(a) NMAC is required. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

Failure to notify the OCD of 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.

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

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive

Santa Fe, NM 87505

Poole, Nicholas

From: OCDOnline@state.nm.us

Sent: Wednesday, October 23, 2024 1:18 PM

To: Poole, Nicholas

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 395137

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

To whom it may concern (c/o Nicholas Poole for BTA OIL PRODUCERS, LLC),

The OCD has received the submitted Notification for (Final) Sampling of a Release (C-141N), for incident ID (n#) nRM2014056076.

The sampling event is expected to take place:

When: 10/28/2024 @ 13:00

Where: P-16-22S-34E 0 FNL 0 FEL (32.38501,-103.46748)

Additional Information: please contact nicholas poole @ (512)560-9064

Additional Instructions: Confirmation sampling will be completed such that each composite sample is representative of no more than 200 square feet of area. If sampling is not completed on Monday 10/28/24, sampling may continue into Tuesday 10/29/24.

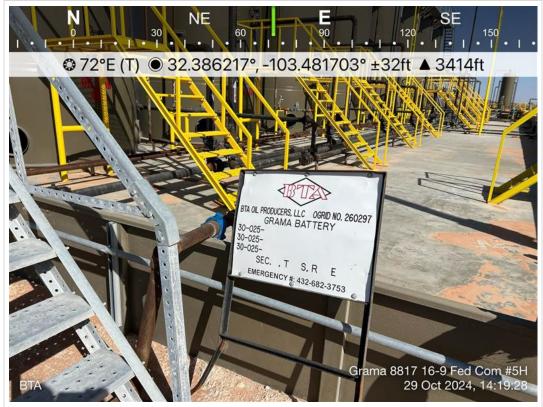
An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there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

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

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

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

APPENDIX D Photographic Documentation



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	Site Signage and Location Information. Adjacent Grama Battery.	1
212C-MD-03604	SITE NAME	Grama 8817 16-9 Fed Com #5H Tank Battery	10/29/2024



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View South. Pad area, no visible Surface staining.	2
212C-MD-03604	SITE NAME	Grama 8817 16-9 Fed Com #5H Tank Battery	10/29/2024



TETRA TECH, INC.	DESCRIPTION	View west. Pad area, no visible Surface staining.	3
PROJECT NO. 212C-MD-03604	SITE NAME	Grama 8817 16-9 Fed Com #5H Tank Battery	10/29/2024



TETRA TECH, INC.	DESCRIPTION	View north northwest. Pad area, no visible Surface staining.	4
PROJECT NO. 212C-MD-03604	SITE NAME	Grama 8817 16-9 Fed Com #5H Tank Battery	10/29/2024



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View east southeast. Pad area, no visible Surface staining.	5
212C-MD-03604	SITE NAME	Grama 8817 16-9 Fed Com #5H Tank Battery	10/29/2024



TETRA TECH, INC. PROJECT NO.	DESCRIPTION	View southeast. Pad area, no visible Surface staining.	6
212C-MD-03604	SITE NAME	Grama 8817 16-9 Fed Com #5H Tank Battery	10/29/2024

APPENDIX E Laboratory Analytical Data



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

November 05, 2024

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

RE: GRAMA 8817 16-9 FED COM #5H

Enclosed are the results of analyses for samples received by the laboratory on 10/30/24 8:44.

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/30/2024 Sampling Date: 10/29/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: GRAMA 8817 16-9 FED COM #5H Sampling Condition: Cool & Intact
Project Number: NRM2014056076 Sample Received By: Shalyn Rodriguez

Project Location: BTA - LEA COUNTY

Sample ID: T - 1 (0-1') (H246598-01)

Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/01/2024	ND	416	104	400	7.41	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2024	ND	203	101	200	3.05	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	203	102	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	86.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

Sample ID: T - 2 (0-1') (H246598-02)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/01/2024	ND	416	104	400	7.41	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/31/2024	ND	203	101	200	3.05	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	203	102	200	7.63	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	96.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.1	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg & Freene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received: 10/30/2024 Sampling Date: 10/29/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: GRAMA 8817 16-9 FED COM #5H Sampling Condition: Cool & Intact
Project Number: NRM2014056076 Sample Received By: Shalyn Rodriguez

Project Location: BTA - LEA COUNTY

Sample ID: T - 3 (0-1') (H246598-03)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	79.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.7	% 49.1-14	8						

Sample ID: T - 4 (0-1') (H246598-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	73.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

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

Received: 10/30/2024 Sampling Date: 10/29/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: GRAMA 8817 16-9 FED COM #5H Sampling Condition: Cool & Intact
Project Number: NRM2014056076 Sample Received By: Shalyn Rodriguez

Project Location: BTA - LEA COUNTY

Sample ID: T - 5 (0-1') (H246598-05)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	76.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.0	% 49.1-14	8						

Sample ID: T - 6 (0-1') (H246598-06)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	83.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.5	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

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

Received: 10/30/2024 Sampling Date: 10/29/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: GRAMA 8817 16-9 FED COM #5H Sampling Condition: Cool & Intact
Project Number: NRM2014056076 Sample Received By: Shalyn Rodriguez

Project Location: BTA - LEA COUNTY

Sample ID: T - 7 (0-1') (H246598-07)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

Sample ID: T - 8 (0-1') (H246598-08)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	80.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

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

Received: 10/30/2024 Sampling Date: 10/29/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: GRAMA 8817 16-9 FED COM #5H Sampling Condition: Cool & Intact
Project Number: NRM2014056076 Sample Received By: Shalyn Rodriguez

Project Location: BTA - LEA COUNTY

Sample ID: T - 9 (0-1') (H246598-09)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	78.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.5	% 49.1-14	8						

Sample ID: T - 10 (0-1') (H246598-10)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	84.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

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

Received: 10/30/2024 Sampling Date: 10/29/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: GRAMA 8817 16-9 FED COM #5H Sampling Condition: Cool & Intact
Project Number: NRM2014056076 Sample Received By: Shalyn Rodriguez

Project Location: BTA - LEA COUNTY

Sample ID: T - 11 (0-1') (H246598-11)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	89.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.8	% 49.1-14	8						

Sample ID: T - 12 (0-1') (H246598-12)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	80.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.9	% 49.1-14	8						

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Analytical Results For:

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

Received: 10/30/2024 Sampling Date: 10/29/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: GRAMA 8817 16-9 FED COM #5H Sampling Condition: Cool & Intact
Project Number: NRM2014056076 Sample Received By: Shalyn Rodriguez

Project Location: BTA - LEA COUNTY

Sample ID: T - 13 (0-1') (H246598-13)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	75.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

Sample ID: T - 14 (0-1') (H246598-14)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/01/2024	ND	416	104	400	7.41	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	81.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 10/30/2024 Sampling Date: 10/29/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: GRAMA 8817 16-9 FED COM #5H Sampling Condition: Cool & Intact
Project Number: NRM2014056076 Sample Received By: Shalyn Rodriguez

Project Location: BTA - LEA COUNTY

Sample ID: T - 15 (0-1') (H246598-15)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/03/2024	ND	416	104	400	3.77	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	75.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.7	% 49.1-14	8						

Sample ID: T - 16 (0-1') (H246598-16)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/03/2024	ND	416	104	400	3.77	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

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Analytical Results For:

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

Received: 10/30/2024 Sampling Date: 10/29/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: GRAMA 8817 16-9 FED COM #5H Sampling Condition: Cool & Intact
Project Number: NRM2014056076 Sample Received By: Shalyn Rodriguez

Project Location: BTA - LEA COUNTY

Sample ID: T - 17 (0-1') (H246598-17)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/03/2024	ND	416	104	400	3.77	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	78.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.9	% 49.1-14	8						

Sample ID: T - 18 (0-1') (H246598-18)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/03/2024	ND	416	104	400	3.77	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Analytical Results For:

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

Received: 10/30/2024 Sampling Date: 10/29/2024

Reported: 11/05/2024 Sampling Type: Soil

Project Name: GRAMA 8817 16-9 FED COM #5H Sampling Condition: Cool & Intact
Project Number: NRM2014056076 Sample Received By: Shalyn Rodriguez

Project Location: BTA - LEA COUNTY

Sample ID: T - 8 (3-4') (H246598-19)

Chloride, SM4500Cl-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	11/03/2024	ND	416	104	400	3.77	
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	10/31/2024	ND	183	91.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	10/31/2024	ND	174	86.8	200	6.65	
EXT DRO >C28-C36	<10.0	10.0	10/31/2024	ND					
Surrogate: 1-Chlorooctane	79.2	% 48.2-13	34						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	18						

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Notes and Definitions

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

ecovery.

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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Relinquished By:

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

Observed Temp. °C Corrected Temp. °C

Cool Intact

Wes Tyes

No No Sample Condition

> CHECKED BY: (Initials

> > Turnaround Time:

Standard Rush

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

Observed Temp. °C Corrected Temp. °C

Time:

Received By

REMARKS:

Received By:

Verbal Result:

☐ Yes

O No

Add'l Phone #:

All Results are emailed. Please provide Email address:

Relinquished By:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 70



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

Company Name: 12th Test	BIL	BILL TO	ANALYSIS REQUEST
Project Manager: Not bokes Pool	P.O. #:		·/
Address:	Company:	874	
City: State:	Zip: Attn: Attn:	1 Runos	
Phone #: Fax #:	Address:		
Project #: \[\int \text{M23465676 Project Owner:} \]	r: City:	3.4	_
Project Name: 6 many 8817- 16-9	two con #54 State:	Zip:	
Project Location: Lea County	Phone #:		
Sampler Name: Bilberto Santer	Fax #:	Ru	
FOR LAB USE ONLY	MATRIX PRESERV	SAMPLING	
	ER	()	c I
Lab I.D. Sample I.D.	(G)RAB OR (C) # CONTAINER GROUNDWAT WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	1 ,
1 7-160-17	7	10109 12:00 0	<u></u>
2 7.200-13		12:20	
7.30		12:40	
5 7.506.0		1:10	
0 7660-12		1:20	
7 5760-1)		1:40	
8 7860-10		2:10	
9 7-960-19		2:30	
10 7.10 (0-17)		2:50	
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Thermometer ID #140 Correction Factor -0.6°C

Relinquished By:

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

Observed Temp. °C Corrected Temp. °C

Time:

Received By:

REMARKS:

All Results are emailed. Please provide Email address:

□ Yes

□ No

Add'l Phone #:

Verbal Result:

Received By:

Relinquished By:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Zak

N



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

company Name:	Tetre Tech		-			BI	BILL TO					ANAL	ANALYSIS	REQUEST	UEST			
roject Manager:				G	P.O. #:				9		\dashv				4	\dashv	\dashv	
ddress:				C	Company:		214		00									
ity:	State:	Zip:		A:	Attn:	Ruy	Ranos		10									
hone #:	Fax #:			A	Address:	S			9	3			<i>y</i>					
roject #: 1 R	roject#: 1 km 2 14 05 6026 Project Owner:			C	City:				3/	OK.								
roject Name: (วลผลง 4	Source 8817 16-9 Fab Care	2	3	S ASA	State:		Zip:		′ ′	5								
roject Location: Lea					Phone #:	#			0/	4				_		· ·		
ampler Name:	bithe to Sweeter			F	Fax #:				R									
FOR LAB USE ONLY			4	MATRIX	PRE	PRESERV	SAMPLING		D	٤	_							,
Lab I.D.	Sample I.D.	RAB OR (C)OMP.	ONTAINERS	OUNDWATER STEWATER IL JDGE HER:	D/BASE:	HER:	,		TPHC	chlond		. N.						
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4	71400-10						Par	33	_									(+)
3	7:15(0-1)						>	3:35										
5	(1-0/2/2						1.0	3:40	_	_								
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181	7-1820-12							3;50			,							
19	7-803-4)					-		4:00	-					,				
EASE NOTE: Liability ar	EASE 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	ny claim	arising	whether based in contract or to	ort, shall t	oe limited	to the amount paid by	the client for th		L	-			L	\vdash	-	-	
LASE NOTE: LIADINY at	ally defined any other consistency for any other forms of the professional professional and received by Cardinal within 30 days after completion of the applicable	deamed	Peniem	unless made in writing and rec	oived by	Cardinal	within 30 days after co	moletion of the	anolicabl	b								

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

Thermometer ID #140 Correction Factor -0.6°C

Cool Intact
Ares Tres
No No Sample Condition

CHECKED BY:

Turnaround Time:

Standard Rush

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

Observed Temp. °C Corrected Temp. °C

Page 14 of 14

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 407864

QUESTIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	407864
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nRM2014056076
Incident Name	NRM2014056076 GRAMA 8817 16-9 FED COM #SH TANK BATTERY @ 30-025-43871
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-43871] GRAMA 8817 16 9 FEDERAL #005H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	GRAMA 8817 16-9 FED COM #SH TANK BATTERY
Date Release Discovered	05/15/2020
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Dump Valve Produced Water Released: 260 BBL Recovered: 260 BBL Lost: 0 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)	According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report, the release occurred on May 15, 2020, when the body of a dump valve on the Grama #5H separator washed out. Approximately two hundred and sixty (260) barrels (bbls) of fluid was released. The volume was determined by measurement of the fluid recovered via vacuum truck. The release was fully contained within the secondary lined containment of the tank battery. The approximate release extent is shown on Figure 3. The NMOCD approved the initial C-141 on May 18, 2020, and subsequently assigned the release the Incident ID nRM2014056076. The initial C-141 form is included in Appendix A.

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

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

QUESTIONS, Page 2

Action 407864

QUESTI	ONS (continued)
Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	407864
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	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	afety 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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ed 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 relea the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required uses 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 to 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: Nicholas Poole Title: with Tetratech Email: nicholas.poole@tetratech.com Date: 12/03/2024

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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 407864

QUESTIONS (continued)

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	407864
	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.	al and beyond). This information must be provided to the appropriate district office no later than 90 days after th
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	NM OSE iWaters Database Search
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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	on associated 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	Yes	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
On what estimated date will the remediation commence	10/29/2024	
On what date will (or did) the final sampling or liner inspection occur	10/29/2024	
On what date will (or was) the remediation complete(d)	10/29/2024	
What is the estimated surface area (in square feet) that will be remediated	0	
What is the estimated volume (in cubic yards) that will be remediated	0	
These estimated dates and measurements are recognized to be the best guess or calculation at t	he time of submission and may (be) change(d) over time as more remediation efforts are completed.	

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

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

Phone: (505) 629-6116
Online Phone Directory
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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 4

Action 407864

QUESTIONS (continued)

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	407864
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

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

QUESTIONS

Remediation Plan (continued)

(Select all answers below that apply.)

Is (or was) there affected material present needing to be removed	No.
	No
Is (or was) there a power wash of the lined containment area (to be) performed	No
OTHER (Non-listed remedial process)	Yes
Other Non-listed Remedial Process. Please specify	On October 2, 2024, Tetra Tech personnel visited the site to perform an inspection of the liner within the containment area of the Grama 8817 16-9 Fed Com #5H Tank battery. This work was scheduled to verify the integrity of the liner. Upon arrival at the site, it was discovered that the Grama 8817 16-9 Fed Com #5H Tank Battery was not located at the GPS as indicated in the C-141. During a desktop review of the incident, Tetra Tech discovered the GPS location in the C-141 corresponded to the Grama 8817 16-9 Federal #005H well (API 30-025-43871), and that the Grama 8817 JV-P Tank Battery was located approximately 0.84 miles to the west. Photographs documentation by Charger appear to correspond to this identified tank battery. Further, the Grama 8817 JV-P Tank Battery appears to have been reclaimed sometime between December 2023 and June 2024. Tetra Tech personnel verified the coordinates of the Grama 8817 JV-P Tank Battery at approximately 32.386018°, -103.481835°. As mentioned, these coordinates differ from what is found in the NMOCD imaging files. Following verification of the Grama 8817 JV-P Tank Battery, Tetra Tech conducted confirmation assessment sampling at the Site on behalf of BTA in order to demonstrate liner integrity prior to the reclamation of the tank battery. On October 29, 2024, BTA subcontractor excavated eighteen (18) trenches (T-1 through T-18) to 1-foot bgs. Trench Location T-8 (approximate center of former battery) was further excavated an additional 3 feet (total 4 feet) to confirm soil concentration levels meet reclamation limits and applicable Site RRALs. No visible evidence of the release was observed during the 2024 sampling event. Photographic documentation of the release Site is presented in Appendix D. A total of nineteen (19) soil samples were collected from the 18 trenches and sent to Cardinal Laboratories. All analytical results were below reclamation limits and applicable Site RRALs.

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

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

I hereby agree and sign off to the above statement

Name: Nicholas Poole Title: with Tetratech

Email: nicholas.poole@tetratech.com

Date: 12/03/2024

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

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QUESTIONS, Page 6

Action 407864

QUESTIONS (continued)

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	407864
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	387426
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	10/02/2024
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	1400

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation 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	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	Following verification of the Grama 8817 JV-P Tank Battery, Tetra Tech conducted confirmation assessment sampling at the Site on behalf of BTA in order to demonstrate liner integrity prior to the reclamation of the tank battery. On October 29, 2024, BTA subcontractor excavated eighteen (18) trenches (T-1 through T-18) to 1-foot bgs. Trench Location T-8 (approximate center of former battery) was further excavated an additional 3 feet (total 4 feet) to confirm soil concentration levels meet reclamation limits and applicable Site RRALs. No visible evidence of the release was observed during the 2024 sampling event. Photographic documentation of the release Site is presented in Appendix D. A total of nineteen (19) soil samples were collected from the 18 trenches and sent to Cardinal Laboratories. All analytical results were below reclamation limits and applicable Site RRALs.

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

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

Name: Nicholas Poole
Title: with Tetratech
Email: nicholas.poole@tetratech.com
Date: 12/03/2024

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CONDITIONS

Action 407864

CONDITIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	407864
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Crea By	ated C	Condition	Condition Date
nve	elez	Liner inspection approved, release resolved.	12/10/2024