



October 5, 2023

New Mexico Oil Conservation Division

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

**Re: Closure Request
Rojo 7811 Fee Com 10-13 Compressor
Incident Number NAB1907837006
Lea County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of BTA Oil Producers, LLC (BTA), has prepared this *Closure Request* to document assessment, delineation, and soil sampling activities performed at the Rojo 7811 Fee Com 10-13 Compressor (Site). The purpose of the Site assessment, delineation, and soil sampling activities was to assess for the presence or absence of impacts to soil resulting from a historical fire and associated release at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, BTA is submitting this *Closure Request*, describing Site assessment and delineation activities that have occurred and requesting closure for Incident Number NAB1907837006.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit A, Section 27, Township 25 South, Range 33 East, in Lea County, New Mexico (32.10820°, -103.55580°) and is associated with oil and gas exploration and production operations on private land.

On March 7, 2019, a fire was fueled by a mix of fluids in the collection tank of the compressor's drip pan. The fire burned the contents of the collection tank and a drum of motor oil, and caused a drum of antifreeze to explode. All fluids released in the incident were consumed by the fire and contained inside the containment area around the compressor. BTA reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on March 12, 2019. The release was assigned Incident Number NAB1907837006.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is between 51 and 100 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-04698, located approximately 2,200 ft west of the Site. The groundwater well was drilled during January 2018 to a total depth of 80 feet bgs, and no

BTA Oil Producers, LLC
Closure Request
Rojo 7811 27 Fee Com 10-13 Compressor

groundwater was encountered. All wells used for depth to groundwater determination are presented on Figure 1. The associated well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a freshwater emergent wetland, located approximately 4,328 feet southeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 10,000 mg/kg

SITE ASSESSMENT ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

On August 31, 2023, Ensolum personnel were at the Site to evaluate the historical release based on information provided on the Form C-141 and visual observations. No visible indications of the historical release were observed during the Site visit. The compressor area had been reconfigured and several additional compressors were installed since the time of the release. Seven assessment soil samples (SS01 through SS07) were collected within and around the inferred release area, at a depth of approximately 0.5 feet bgs, to assess for the presence or absence of impacted soil resulting from the historical fire and release. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included as Appendix B.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH- GRO, TPH- DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method SM4500.

Laboratory analytical results for assessment soil samples SS01 and SS03, collected within the inferred release area, indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results for assessment samples SS04 through SS07, collected around the inferred release area, were compliant with the most stringent Table I Closure Criteria and successfully defined the lateral extent of the release. Vertical delineation activities were warranted to further confirm the absence of impacted soil within the historical release area.

BTA Oil Producers, LLC
Closure Request
Rojo 7811 27 Fee Com 10-13 Compressor

DELINEATION ACTIVITIES AND LABORATORY ANALYTICAL RESULTS

On September 13, 2023, Ensolum personnel returned to the Site to complete vertical delineation activities to confirm the absence of impacted soil within the historical release area. Boreholes were advanced via hand auger at the location of assessment samples SS01, SS02, and SS03. The boreholes were advanced to depths ranging from 1-foot to 1.5 feet bgs. Soil from the boreholes was field screened for VOCs and chloride. Field screening results and observations were logged on lithologic/soil sampling logs, which are included in Appendix C. Based on field screening results, discrete delineation soil samples SS01A, SS02A, and SS03A were collected from the boreholes at depths ranging from 1-foot to 1.5 feet bgs. The delineation soil samples were collected, handled, and analyzed following the same procedures previously described. The delineation soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included in Appendix B.

Laboratory analytical results for delineation soil samples SS01A, SS02A, and SS03A indicated all COC concentrations were compliant with the Site Closure Criteria and provided vertical delineation to below the most stringent Table I Closure Criteria. Laboratory analytical results are summarized in Table 1 and the complete analytical reports are included as Appendix D.

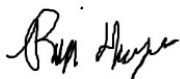
CLOSURE REQUEST

Site assessment activities were conducted at the Site to assess for the presence or absence of impacted soil resulting from the March 7, 2019, fire and release. Laboratory analytical results for the assessment soil samples indicated all COC concentrations were compliant with the Site Closure Criteria and provided lateral and vertical delineation to the most stringent Table I Closure Criteria. Based on the laboratory analytical results, no impacted soil was identified, and no further remediation is required.

All released fluids were documented to have been consumed by the fire and no visible indications of the historical release were observed. Depth to groundwater was determined to be greater than 51 feet bgs within 0.5 miles of the Site and no other sensitive receptors were identified near the release extent. BTA believes the remedial actions completed are protective of human health, the environment, and groundwater. As such, BTA respectfully requests closure for Incident Number NAB1907837006. NMOCD Notifications are included in Appendix E and the final Form C-141 is included in Appendix F.

If you have any questions or comments, please contact Ms. Hadlie Green at hgreen@ensolum.com or (432) 557-8895.

Sincerely,
Ensolum, LLC



Ronni Hayes
Assistant Geologist



Aimee Cole
Senior Managing Scientist

cc: Kelton Beaird, BTA
Nathan Sirgo, BTA

BTA Oil Producers, LLC
Closure Request
Rojo 7811 27 Fee Com 10-13 Compressor

Appendices:

Figure 1	Site Receptor Map
Figure 2	Assessment Soil Sample Locations
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Records
Appendix B	Photographic Log
Appendix C	Lithologic/Soil Sampling Logs
Appendix D	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E	NMOCD Notifications
Appendix F	Final Form C-141



FIGURES

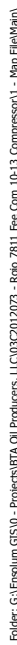


FIGURE 1

Legend

- Assessment Soil Sample in Compliance with Closure Criteria
- X Release Point

**Assessment Soil Sample Locations**

BTA Oil Producers, LLC
 Rojo 7811 Fee Com 10-13 Compressor
 Incident Number: NAB1907837006
 Unit A, Sec 27, T25S R33E
 Lea County, New Mexico

FIGURE**2**



TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Rojo 7811 Fee Com 10-13 Compressor BTA Oil Producers, LLC Lea County, New Mexico										
Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table 1 Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Assessment Soil Samples										
SS01	08/31/2023	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SS01A	09/13/2023	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
SS02	08/31/2023	0.5	<0.050	<0.300	<10.0	<10.0	15.9	<10.0	15.9	480
SS02A	09/13/2023	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SS03	08/31/2023	0.5	<0.050	<0.300	<10.0	40.5	114	40.5	154.5	64
SS03A	09/13/2023	1.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SS04	08/31/2023	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
SS05	08/31/2023	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
SS06	08/31/2023	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
SS07	08/31/2023	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in bold exceed the NMOCD Table 1 Closure Criteria or reclamation standard where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon



APPENDIX A

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

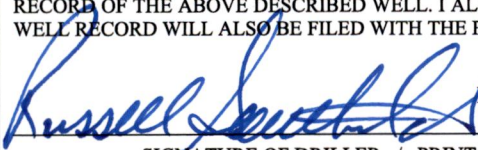
www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4698-POD 1		WELL TAG ID NO.		OSE FILE NO(S). C-4698			
	WELL OWNER NAME(S) BTA OIL PRODUCERS LLC				PHONE (OPTIONAL) 432-682-3753			
	WELL OWNER MAILING ADDRESS 104 S PECOS STREET				CITY STATE ZIP MIDLAND TX 79701			
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 32	SECONDS 6	28.0	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LONGITUDE	-103	33	44.0	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE ROJO B 7844 JV P# 001H								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1184		NAME OF LICENSED DRILLER RUSSELL SOUTHERLAND			NAME OF WELL DRILLING COMPANY WEST TEXAS WATER WELL SERVICE		
	DRILLING STARTED 1/18/2023		DRILLING ENDED 1/18/2023		DEPTH OF COMPLETED WELL (FT) 80	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
				NO CASING IN HOLE				
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. C-04698	POD NO. 1	TRN NO. 740770
LOCATION 255.33E.27.214	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	1		CALICHIE PAD	Y ✓ N	
	1	8		SAND	Y ✓ N	
	8	20		CALICHIE	Y ✓ N	
	20	30		CALICHIE	Y ✓ N	
	30	40		TAN SAND	Y ✓ N	
	40	60		SAND	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER - SPECIFY: DRY HOLE						
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION:					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: RUSSELL SOUTHERLAND					
6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.					
	 RUSSELL SOUTHERLAND				05E OIT JUN 12 2023 PM 1:53 1/18/2023	
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME				DATE	

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/2019)

FILE NO. C-04698	POD NO. 1	TRN NO. 740770
LOCATION 255.33E.27.214	WELL TAG ID NO.	PAGE 2 OF 2



APPENDIX B

Photographic Log

**Photographic Log**

BTA Oil Producers, LLC

Rojo 7811 Fee Com 10-13 Compressor

NAB1907837006



Photograph: 1 Date: 8/31/2023
Description: Release area during initial assessment
View: East



Photograph: 2 Date: 8/31/2023
Description: Release area during initial assessment
View: Southwest



Photograph: 3 Date: 9/13/2023
Description: Release area during delineation activities
View: Southwest





Photograph: 4 Date: 9/13/2023
Description: Release area during delineation activities
View: Northeast




APPENDIX C

Lithologic Soil Sampling Logs

 ENSOLUM		Sample Name: SS01		Date: 9/13/23				
		Site Name: Rojo 7811 Fee Com 10-13 Compressor						
		Incident Number: NAB1907837006						
		Job Number: 03C2012073						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.108120, -103.554952			Logged By: Ronni Hayes		Method: Hand Auger			
			Hole Diameter: ~4"		Total Depth: 1 ft bg			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
Dry	ND	1.2	N	SS01	0.5	0.5	CCHE	CALICHE, no staining, no odor, light tan, poorly graded, poorly sorted, abundant limestone gravel SAA TD at 1 ft bg
Dry	ND	0.3	N	SS01A	1	1	SAA	

								Sample Name: SS02		Date: 9/13/23	
								Site Name: Rojo 7811 Fee Com 10-13 Compressor			
								Incident Number: NAB1907837006			
								Job Number: 03C2012073			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Ronni Hayes		Method: Hand Auger	
Coordinates: 32.107963, -103.555027								Hole Diameter: ~4"		Total Depth: 1.5 ft bgs	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
Dry	498.4	0.2	N	SS02	0.5	0	CCHE	CALICHE, no staining, no odor, light tan, poorly graded, poorly sorted, abundant limestone gravel			
Dry	ND	0.3	N			1	SAA	SAA, some odor			
Dry	ND	0.1	N	SS02A	1.5	1.5	SP	SAND, poorly sorted, no staining no odor, reddish, poorly graded, some limestone gravel			
TD at 1.5 ft bgs											

 ENSOLUM								Sample Name: SS03		Date: 9/13/23	
								Site Name: Rojo 7811 Fee Com 10-13 Compressor			
								Incident Number: NAB1907837006			
								Job Number: 03C2012073			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Ronni Hayes		Method: Hand Auger	
Coordinates: 32.107977, -103.554910								Hole Diameter: ~4"		Total Depth: 1.5 ft bgs	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factor included.											
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
Dry	ND	1.0	N	SS03	0.5	0.5	CCHE	CALICHE, no staining, no odor, light tan, poorly graded, poorly sorted, abundant limestone gravel			
Dry	ND	0.2	N			1	SAA	SAA, some odor			
Dry	ND	0	N	SS03A	1.5	1.5	SP	SAND, poorly sorted, no staining no odor, reddish, poorly graded, some limestone gravel			
TD at 1.5 ft bgs											



APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



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

September 05, 2023

AIMEE COLE

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: ROJO 7811 27 FEE COM 10-13 COMPRESSOR

Enclosed are the results of analyses for samples received by the laboratory on 08/31/23 14:31.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 AIMEE COLE
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	ROJO 7811 27 FEE COM 10-13 COMPRE	Sampling Condition:	Cool & Intact
Project Number:	03C2012073	Sample Received By:	Dionica Hinojos
Project Location:	BTA (32.10821-103.55581)		

Sample ID: SS 01 (H234740-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/01/2023	ND	1.79	89.5	2.00	0.827		
Toluene*	<0.050	0.050	09/01/2023	ND	2.10	105	2.00	3.63		
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.18	109	2.00	3.17		
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.56	109	6.00	1.60		
Total BTEx	<0.300	0.300	09/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/01/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	174	87.0	200	4.02	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	179	89.3	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and 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 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 AIMEE COLE
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	ROJO 7811 27 FEE COM 10-13 COMPRE	Sampling Condition:	Cool & Intact
Project Number:	03C2012073	Sample Received By:	Dionica Hinojos
Project Location:	BTA (32.10821-103.55581)		

Sample ID: SS 02 (H234740-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/01/2023	ND	1.79	89.5	2.00	0.827		
Toluene*	<0.050	0.050	09/01/2023	ND	2.10	105	2.00	3.63		
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.18	109	2.00	3.17		
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.56	109	6.00	1.60		
Total BTEX	<0.300	0.300	09/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	09/01/2023	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	174	87.0	200	4.02	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	179	89.3	200	4.59	
EXT DRO >C28-C36	15.9	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 AIMEE COLE
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	ROJO 7811 27 FEE COM 10-13 COMPRE	Sampling Condition:	Cool & Intact
Project Number:	03C2012073	Sample Received By:	Dionica Hinojos
Project Location:	BTA (32.10821-103.55581)		

Sample ID: SS 03 (H234740-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/01/2023	ND	1.79	89.5	2.00	0.827		
Toluene*	<0.050	0.050	09/01/2023	ND	2.10	105	2.00	3.63		
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.18	109	2.00	3.17		
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.56	109	6.00	1.60		
Total BTEx	<0.300	0.300	09/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/01/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	174	87.0	200	4.02	
DRO >C10-C28*	40.5	10.0	09/01/2023	ND	179	89.3	200	4.59	
EXT DRO >C28-C36	114	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 AIMEE COLE
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	ROJO 7811 27 FEE COM 10-13 COMPRE	Sampling Condition:	Cool & Intact
Project Number:	03C2012073	Sample Received By:	Dionica Hinojos
Project Location:	BTA (32.10821-103.55581)		

Sample ID: SS 04 (H234740-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/01/2023	ND	1.79	89.5	2.00	0.827		
Toluene*	<0.050	0.050	09/01/2023	ND	2.10	105	2.00	3.63		
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.18	109	2.00	3.17		
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.56	109	6.00	1.60		
Total BTEX	<0.300	0.300	09/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/01/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	174	87.0	200	4.02	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	179	89.3	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 AIMEE COLE
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	ROJO 7811 27 FEE COM 10-13 COMPRE	Sampling Condition:	Cool & Intact
Project Number:	03C2012073	Sample Received By:	Dionica Hinojos
Project Location:	BTA (32.10821-103.55581)		

Sample ID: SS 05 (H234740-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/01/2023	ND	1.79	89.5	2.00	0.827		
Toluene*	<0.050	0.050	09/01/2023	ND	2.10	105	2.00	3.63		
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.18	109	2.00	3.17		
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.56	109	6.00	1.60		
Total BTEX	<0.300	0.300	09/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/01/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	174	87.0	200	4.02	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	179	89.3	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

ENSOLUM
 AIMEE COLE
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	ROJO 7811 27 FEE COM 10-13 COMPRE	Sampling Condition:	Cool & Intact
Project Number:	03C2012073	Sample Received By:	Dionica Hinojos
Project Location:	BTA (32.10821-103.55581)		

Sample ID: SS 06 (H234740-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/01/2023	ND	1.79	89.5	2.00	0.827		
Toluene*	<0.050	0.050	09/01/2023	ND	2.10	105	2.00	3.63		
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.18	109	2.00	3.17		
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.56	109	6.00	1.60		
Total BTEX	<0.300	0.300	09/01/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/01/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	174	87.0	200	4.02	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	179	89.3	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
 AIMEE COLE
 3122 NATIONAL PARKS HWY
 CARLSBAD NM, 88220
 Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/05/2023	Sampling Type:	Soil
Project Name:	ROJO 7811 27 FEE COM 10-13 COMPRE	Sampling Condition:	Cool & Intact
Project Number:	03C2012073	Sample Received By:	Dionica Hinojos
Project Location:	BTA (32.10821-103.55581)		

Sample ID: SS 07 (H234740-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/01/2023	ND	1.79	89.5	2.00	0.827		
Toluene*	<0.050	0.050	09/01/2023	ND	2.10	105	2.00	3.63		
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.18	109	2.00	3.17		
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.56	109	6.00	1.60		
Total BTEx	<0.300	0.300	09/01/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/01/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/05/2023	ND	174	87.0	200	4.02	
DRO >C10-C28*	<10.0	10.0	09/05/2023	ND	179	89.3	200	4.59	
EXT DRO >C28-C36	<10.0	10.0	09/05/2023	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 149 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Ensolum LLC</u>				BILL TO				ANALYSIS REQUEST																							
Project Manager: <u>Aimee Cole</u>				P.O. #:																											
Address: <u>3122 National Parks Hwy</u>				Company: <u>BTA Oil</u>																											
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>				Attn: <u>Kelton Beard</u>																											
Phone #: <u>720-384-7365</u> Fax #:				Address: <u>1045 Pecan St</u>																											
Project #: <u>03C2012073</u> Project Owner: <u>BTA Oil</u>				City: <u>Midland</u>																											
Project Name: <u>Rjo 7811 27 Fee Com 10-13 Compressor</u>				State: <u>TX</u> Zip: <u>79701</u>																											
Project Location: <u>32.16821, -103.55581</u>				Phone #:																											
Sampler Name: <u>Ronni Hayes</u>				Fax #:																											
FOR LAB USE ONLY <u>H234740</u>																															
Lab I.D.		Sample I.D.		(GRAB OR COMP.) # CONTAINERS		MATRIX		PRESERV.		SAMPLING																					
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:											
1		SS01		G		↓		X								X		8/31/23		1156		BTEX									
2		SS02		↓		↓												↓		1153		TPH									
3		SS03		↓		↓												↓		1155		CI-									

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Relinquished By: <u>[Signature]</u>		Date: <u>8/31/23</u>		Received By: <u>[Signature]</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Time: <u>14:31</u>		Received By:		All Results are emailed. Please provide Email address:	
		Date:				<u>acole@ensolum.com, hgreen@ensolum.com</u>	
		Time:				REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C <u>37°C</u>		Sample Condition		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>#140</u>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/>	
FORM-000 R 3.4 07/11/23				CHECKED BY: (Initials) <u>[Signature]</u>		Thermometer ID #140 Correction Factor 0°C	
						Corrected Temp. °C	

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



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

CHAIN-OF CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Ensolum LLC</u>				BILL TO				ANALYSIS REQUEST																	
Project Manager: <u>Aimee Cole</u>				P.O. #:																					
Address: <u>3122 National Parks Hwy</u>				Company: <u>BTA Oil</u>																					
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>				Attn: <u>Kelton Beard</u>																					
Phone #: <u>726-384-7365</u> Fax #:				Address: <u>1045 Peas St.</u>																					
Project #: <u>03C2012073</u> Project Owner: <u>BTA Oil</u>				City: <u>Midland</u>																					
Project Name: <u>Rg 6 7811 27 Fee Cam 10-13 Compressor</u>				State: <u>TX</u> Zip: <u>79701</u>																					
Project Location: <u>32.16821, -103.55581</u>				Phone #:																					
Sampler Name: <u>Ronni Hayes</u>				Fax #:																					
FOR LAB USE ONLY <u>H234740</u>																									
Lab I.D.		Sample I.D.		GRAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING		DATE		TIME		BTEx		TPH		CI-	
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:					
4		5564		G		1		X								X		8/31/23		1201		X		X	
5		5565		↓		↓		↓								↓		↓		1203		↓		↓	
6		5566		↓		↓		↓								↓		↓		1205		↓		↓	
7		5507		↓		↓		↓								↓		↓		1210		↓		↓	

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Relinquished By:

Date: 8/31/23

Received By:

Time: 14:31

Date:

Time:

Relinquished By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Observed Temp. °C 37°Corrected Temp. °C #140

Sample Condition

Cool Intact

Yes Yes

No No

CHECKED BY:
(Initials)Verbal Result: ☐ Yes ☐ No Add'l Phone #:

All Results are emailed. Please provide Email address:

acole@ensolum.com, hgreen@ensolum.com

REMARKS:

Turnaround Time:

Standard

Rush

Thermometer ID #140

Correction Factor 0°C

Bacteria (only) Sample Condition

Cool Intact Observed Temp. °C

Yes Yes

No No Corrected Temp. °C

FORM-006 R 5.4 07/11/23

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

September 19, 2023

AIMEE COLE

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: ROJO 7811 27 FEE COM 10-13 COMPRESSOR

Enclosed are the results of analyses for samples received by the laboratory on 09/13/23 11:51.

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

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220Project: ROJO 7811 27 FEE COM 10-13 CO
Project Number: 03C2012073
Project Manager: AIMEE COLE
Fax To:Reported:
19-Sep-23 10:04

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS 01 A @ 1'	H234940-01	Soil	13-Sep-23 08:50	13-Sep-23 11:51
SS 02 A @ 1.5'	H234940-02	Soil	13-Sep-23 09:10	13-Sep-23 11:51
SS 03 A @ 1.5'	H234940-03	Soil	13-Sep-23 09:15	13-Sep-23 11:51

09/19/23 - Client added sample depths to sample IDs (see COC). This is the revised report and will replace the one sent on 09/18/23.

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*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: ROJO 7811 27 FEE COM 10-13 CO
Project Number: 03C2012073
Project Manager: AIMEE COLE
Fax To:

Reported:
19-Sep-23 10:04

SS 01 A @ 1'
H234940-01 (Soil)

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

Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	3091418	AC	14-Sep-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3091331	MS	15-Sep-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	117 %	71.5-134	3091331	MS	15-Sep-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3091329	MS	14-Sep-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3091329	MS	14-Sep-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3091329	MS	14-Sep-23	8015B	

Surrogate: 1-Chlorooctane	99.6 %	48.2-134	3091329	MS	14-Sep-23	8015B	
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Surrogate: 1-Chlorooctadecane	121 %	49.1-148	3091329	MS	14-Sep-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: ROJO 7811 27 FEE COM 10-13 CO
Project Number: 03C2012073
Project Manager: AIMEE COLE
Fax To:

Reported:
19-Sep-23 10:04

SS 02 A @ 1.5'**H234940-02 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	3091418	AC	14-Sep-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3091331	MS	15-Sep-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			114 %		71.5-134	3091331	MS	15-Sep-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	3091329	MS	14-Sep-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3091329	MS	14-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3091329	MS	14-Sep-23	8015B	

Surrogate: 1-Chlorooctane			98.1 %		48.2-134	3091329	MS	14-Sep-23	8015B	
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Surrogate: 1-Chlorooctadecane			116 %		49.1-148	3091329	MS	14-Sep-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: ROJO 7811 27 FEE COM 10-13 CO
Project Number: 03C2012073
Project Manager: AIMEE COLE
Fax To:

Reported:
19-Sep-23 10:04

SS 03 A @ 1.5'**H234940-03 (Soil)**

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

Chloride	128		16.0	mg/kg	4	3091418	AC	14-Sep-23	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Toluene*	<0.050	0.050	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	3091331	MS	15-Sep-23	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	3091331	MS	15-Sep-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	114 %	71.5-134	3091331	MS	15-Sep-23	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	3091329	MS	14-Sep-23	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	3091329	MS	14-Sep-23	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	3091329	MS	14-Sep-23	8015B	

Surrogate: 1-Chlorooctane	95.0 %	48.2-134	3091329	MS	14-Sep-23	8015B	
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Surrogate: 1-Chlorooctadecane	113 %	49.1-148	3091329	MS	14-Sep-23	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: ROJO 7811 27 FEE COM 10-13 CO
Project Number: 03C2012073
Project Manager: AIMEE COLE
Fax To:

Reported:
19-Sep-23 10:04

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 3091418 - 1:4 DI Water									
Blank (3091418-BLK1)									
					Prepared & Analyzed: 14-Sep-23				
Chloride	ND	16.0	mg/kg						
LCS (3091418-BS1)									
					Prepared & Analyzed: 14-Sep-23				
Chloride	400	16.0	mg/kg	400		100	80-120		
LCS Dup (3091418-BSD1)									
					Prepared & Analyzed: 14-Sep-23				
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20

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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: ROJO 7811 27 FEE COM 10-13 CO
Project Number: 03C2012073
Project Manager: AIMEE COLE
Fax To:

Reported:
19-Sep-23 10:04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 3091331 - Volatiles**Blank (3091331-BLK1)**

Prepared: 13-Sep-23 Analyzed: 15-Sep-23

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0563		mg/kg	0.0500		113	71.5-134			

LCS (3091331-BS1)

Prepared: 13-Sep-23 Analyzed: 15-Sep-23

Benzene	1.81	0.050	mg/kg	2.00		90.6	82.8-130			
Toluene	1.89	0.050	mg/kg	2.00		94.7	86-128			
Ethylbenzene	1.95	0.050	mg/kg	2.00		97.3	85.9-128			
m,p-Xylene	3.69	0.100	mg/kg	4.00		92.3	89-129			
o-Xylene	1.80	0.050	mg/kg	2.00		90.0	86.1-125			
Total Xylenes	5.49	0.150	mg/kg	6.00		91.5	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	71.5-134			

LCS Dup (3091331-BS1)

Prepared: 13-Sep-23 Analyzed: 15-Sep-23

Benzene	1.86	0.050	mg/kg	2.00		93.2	82.8-130	2.77	15.8	
Toluene	1.95	0.050	mg/kg	2.00		97.3	86-128	2.71	15.9	
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.2	85.9-128	1.97	16	
m,p-Xylene	3.81	0.100	mg/kg	4.00		95.1	89-129	3.02	16.2	
o-Xylene	1.87	0.050	mg/kg	2.00		93.3	86.1-125	3.57	16.7	
Total Xylenes	5.67	0.150	mg/kg	6.00		94.5	88.2-128	3.20	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.5	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

ENSOLUM
3122 NATIONAL PARKS HWY
CARLSBAD NM, 88220

Project: ROJO 7811 27 FEE COM 10-13 CO
Project Number: 03C2012073
Project Manager: AIMEE COLE
Fax To:

Reported:
19-Sep-23 10:04

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 3091329 - General Prep - Organics**Blank (3091329-BLK1)**

Prepared: 13-Sep-23 Analyzed: 14-Sep-23

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	51.7		mg/kg	50.0		103	48.2-134		
Surrogate: 1-Chlorooctadecane	61.9		mg/kg	50.0		124	49.1-148		

LCS (3091329-BS1)

Prepared: 13-Sep-23 Analyzed: 14-Sep-23

GRO C6-C10	189	10.0	mg/kg	200		94.7	66.4-123		
DRO >C10-C28	218	10.0	mg/kg	200		109	66.5-118		
Total TPH C6-C28	407	10.0	mg/kg	400		102	77.6-123		
Surrogate: 1-Chlorooctane	53.4		mg/kg	50.0		107	48.2-134		
Surrogate: 1-Chlorooctadecane	61.6		mg/kg	50.0		123	49.1-148		

LCS Dup (3091329-BSD1)

Prepared: 13-Sep-23 Analyzed: 14-Sep-23

GRO C6-C10	192	10.0	mg/kg	200		96.1	66.4-123	1.48	17.7
DRO >C10-C28	224	10.0	mg/kg	200		112	66.5-118	2.65	21
Total TPH C6-C28	416	10.0	mg/kg	400		104	77.6-123	2.10	18.5
Surrogate: 1-Chlorooctane	55.9		mg/kg	50.0		112	48.2-134		
Surrogate: 1-Chlorooctadecane	65.0		mg/kg	50.0		130	49.1-148		

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF CUSTODY AND ANALYSIS REQUEST

Page 10 of 10

Company Name: <u>Ensolum LLC</u>				BILL TO				ANALYSIS REQUEST																																	
Project Manager: <u>Aimee Cole</u>				P.O. #:																																					
Address: <u>3122 National Parks Hwy</u>				Company: <u>BTA Oil</u>																																					
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>				Attn: <u>Kelton Beard</u>																																					
Phone #: <u>720-384-7305</u> Fax #:				Address: <u>1045 Pecos St</u>																																					
Project #: <u>03C2012073</u> Project Owner: <u>BTA Oil</u>				City: <u>Midland</u>																																					
Project Name: <u>Rop 7811 27TeeCam 1D-13 Compressor</u>				State: <u>TX</u> Zip: <u>79701</u>																																					
Project Location: <u>32.10779, -103.555188</u>				Phone #:																																					
Sampler Name: <u>Ronni Hayes</u>				Fax #:																																					
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																																	
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
1		SS01A@1'		G		1						X								X						9/13/23		0850		X X X											
2		SS02A@1.5'		↓		↓						↓								↓						↓		0910		↓ ↓ ↓											
3		SS03A@1.5'		↓		↓						↓								↓						↓		0915		↓ ↓ ↓											

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Relinquished By: <u>[Signature]</u>		Date: <u>9/13/23</u>		Received By: <u>[Signature]</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By: <u>[Signature]</u>		Time: <u>11:51</u>		Received By: <u>[Signature]</u>		All Results are emailed. Please provide Email address:	
Relinquished By: <u>[Signature]</u>		Date: <u>9/13/23</u>		Received By: <u>[Signature]</u>		REMARKS: <u>* Customer requested Depths added to COC. 9/18/23</u>	
Delivered By: (Circle One)		Observed Temp. °C <u>0.82</u>		Sample Condition		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) Sample Condition	
				Checked By: (Initials) <u>[Signature]</u>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
						Observed Temp. °C	
						Corrected Temp. °C	

FORM-006-R 3-4 07/11/23

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



APPENDIX E

NMOCD Notifications

From: [Hadlie Green](#)
To: OCD.Enviro@state.nm.us
Cc: [Kelton Beaird](#); [Peter Van Patten](#)
Subject: BTA - Sampling Notification - Week of 08/28/2023
Date: Thursday, August 24, 2023 3:26:00 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)

All,

BTA anticipates collecting confirmation samples at the following locations the week of August 28, 2023.

- Rojo 7811 Fee Com 10-13 Compressor / NAB1907837006
 - Sampling Date: 8/31/2023 @ 9:00 AM MST

Thank you,



Hadlie Green
Project Geologist
432-557-8895
hgreen@ensolum.com
Ensolum, LLC
in f 



APPENDIX E

Final Form C-141

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	NAB1907837006
District RP	1RP-5398
Facility ID	
Application ID	pAB1907835855

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) NAB1907837006
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

Location of Release Source

Latitude: 32.10820° Longitude: -103.55580°

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Rojo 7811 Fee Com 10-13 Compressor	Site Type: Compressor Pad
Date Release Discovered: 3/7/2019	API# (if applicable) Nearest well: Rojo 7811 Fee Com #11H API #30-025-44459

Unit Letter	Section	Township	Range	County
A	27	25S	33E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: CAML Ltd, PO Box 3157, San Angelo, TX 76902)

Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input checked="" type="checkbox"/> Other (describe)	Volume/Weight Released (provide units) Negligible – Consumed by fire	Volume/Weight Recovered (provide units) None

Cause of Release

Fire fueled by mix of fluids in the collection tank for the compressor's drip pan burned up the contents of the plastic tank, a drum of motor oil for the compressor, and caused a drum of antifreeze to explode. Total release is minor – all fluids consumed in fire. Release was contained inside of lined containment area. Some scorched soil.



State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The NMOCD Rules define a "major release" as an unauthorized release of a volume that results in a fire or is the result of a fire.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? BTA Foreman Rick Wilson contacted Paul Kautz at the District 1 Office via phone on the afternoon of March 7, 2019. (A voice mail earlier on March 7, 2019 was left for Jim Griswold by Bob Hall, but did not specifically describe the location of the incident.)	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: Additional Information: The fire was on the compressor pad. This area is within lined secondary containment.	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: Bob Hall Title: Environmental Manager	
Signature: 	Date: 3/12/2019
email: bhall@btaoil.com Telephone: 432-682-3753	
OCD Only	
Received by: 	Date: 3/19/2019

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Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>51-100</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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


State of New Mexico
Oil Conservation Division

Page 4

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Printed Name: Kelton Beaird Title: Environmental Manager

Signature:  Date: 10/9/2023

email: KBeaird@btaoil Telephone: 432-312-2203

OCD Only

Received by: Shelly Wells Date: 10/11/2023

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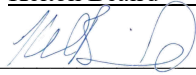
Closure

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

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

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

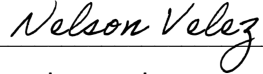
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Printed Name: Kelton Beaird Title: Environmental Manager
Signature:  Date: 10/9/2023
email: KBeaird@btaoil Telephone: 432-312-2203

OCD Only

Received by: Shelly Wells Date: 10/11/2023

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

Closure Approved by:  Date: 01/31/2024
Printed Name: Nelson Velez Title: Environmental Specialist – Adv

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

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

CONDITIONS

Action 274448

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 274448
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	1/31/2024