# ENSOLUM

August 22, 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 Vaca Draw 9418 JV-P 001 Incident Number nCH1835540209 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 delineation and soil sampling activities performed at the Vaca Draw 9418 JV-P 001 (Site, Figure 1), in response to the denial of the *Remediation Work Plan (Work Plan),* submitted June 9, 2023. In the denial, the New Mexico Oil Conservation Division (NMOCD) expressed concern that depth to groundwater was not adequately determined. Based on delineation activities completed and laboratory analytical results from the oil sampling events in accordance with the *Work Plan,* BTA is submitting this *Closure Request,* describing remediation that has occurred and requesting closure for Incident Number nCH1835540209.

Details regarding the release, Site characterization, and proposed remediation activities can be referenced in the original *Work Plan* submitted on June 9, 2023. The original *Work Plan* is included as Appendix A. On July 3, 2023, the NMOCD denied the *Work Plan* for the following reason:

The report does not meet the requirements of 19.15.29.1 NMAC. The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater. The soil boring used to determine depth to ground water is approximately 50 feet higher in elevation than the site. Depth to groundwater will need to be confirmed prior to remediation or the site will need to be closed to the most stringent standard of Table 1. 1RP-5288 closed. Refer to incident #nCH1835540209 in all future communication. Submit a complete report through the OCD Permitting website by October 3, 2023.

It should be noted the original *Work Plan* proposed additional evaluation of the regional depth to groundwater via installation of a soil boring if delineation soil sample analytical results were compliant with the Site Closure Criteria but exceeded the most stringent Table I Closure Criteria.

BTA Oil Producers, LLC Closure Request Vaca Draw 9418 JV-P 001

## BACKGROUND

The Site is located in Unit K, Section 10, Township 25 South, Range 33 East, in Lea County, New Mexico (32.14325°, -103.56234°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On November 25, 2018, an oil hauler pulled oil from the wrong tank and attempted to put it back into a tank that was out of service. The oil released from the man hatch on the backside of the out of service tank. Approximately 25 barrels (bbls) of crude oil were released within the storage tank containment berm. No released fluids were recovered. BTA reported the release to the NMOCD on a Release Notification Form C-141 (Form C-141) on November 27, 2018. The release was assigned Incident Number NCH1835540209.

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). Based on the results of the Site Characterization reported in the June 2023 *Work Plan*, 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

### DELINEATION ACTIVITIES AND ANALYTICAL RESULTS

On August 10, 2023, Ensolum personnel were at the Site to evaluate the release extent 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. Four delineation soil samples (SS01 through SS04) were collected around the earthen containment at a depth of 0.5 feet below ground surface (bgs) to assess for the presence or absence of impacted soil resulting from the crude oil release. Boreholes (BH01 and BH02) were advanced via hand auger within the earthen berm to assess the vertical extent of the release. The boreholes were advanced to a depth of 2 feet bgs, upon hand auger refusal. Discrete delineation soil samples BH01/BH01A and BH02/BH02A were collected from the boreholes at depths of 1-foot and 2 feet bgs. Field screening results and observations were logged on lithologic/soil sampling logs, which are included in Appendix B. The delineation soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach<sup>®</sup> chloride QuanTab<sup>®</sup> 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 C.

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 delineation soil samples SS01 through SS04, BH01/BH01A, and BH02/BH02A, collected within and around the inferred release extent, indicated all COC concentrations



BTA Oil Producers, LLC Closure Request Vaca Draw 9418 JV-P 001

were compliant with the most stringent Table I Closure Criteria and confirmed the absence of impacted soil within and around the inferred release area. Laboratory analytical results are summarized in Table 1 and the complete analytical reports are included as Appendix D.

### **CLOSURE REQUEST**

Site assessment and delineation activities were conducted at the Site to assess for the presence or absence of impacted soil resulting from the November 2018 release of crude oil. Laboratory analytical results for the delineation soil samples indicated all COC concentrations were compliant with the most stringent Table I Closure Criteria. Based on laboratory analytical results, no impacted soil was identified, and no further remediation is required.

No visible indications of the release were observed. Initial response efforts and natural attenuation appear to have mitigated impacts at this Site. BTA believes these remedial actions are protective of human health, the environment, and groundwater. As such, BTA respectfully requests closure for Incident Number nCH1835540209. Notifications submitted to the NMOCD are included in Appendix E and the final Form C-141 is included as Appendix F.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely, Ensolum, LLC

Hadlie Green Project Geologist

cc: Kelton Beaird, BTA Bureau of Land Management

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Table 1Soil Sample Analytical Results
- Appendix A Original Remediation Work Plan
- Appendix B Lithologic Soil Sampling Logs
- Appendix C Photographic Log
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix E NMOCD Notifications
- Appendix F Final C-141



Daniel R. Moir, PG

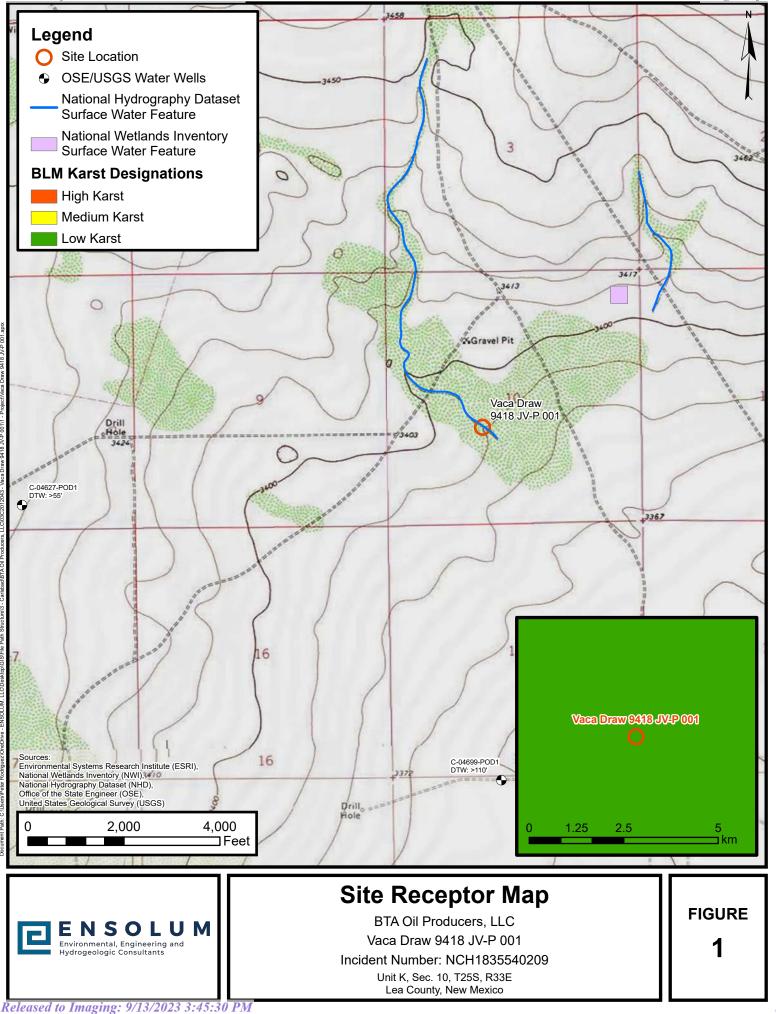
Senior Managing Geologist

ENSOLUM

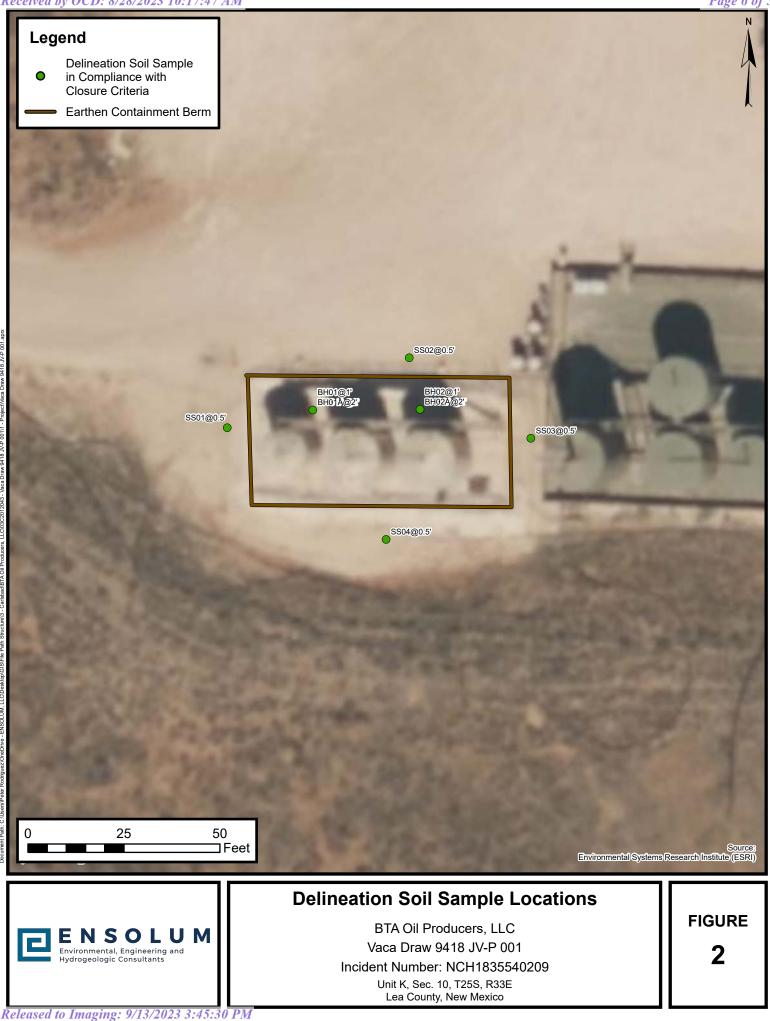


FIGURES

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# TABLES

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# E N S O L U M

	TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Vaca Draw 9418 JV-P 001 BTA Oil Producers, LLC Eddy 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 I C	losure Criteria (I	NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Deli	neation Soil Sa	mples	•		•	
SS01	08/10/2023	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS02	08/10/2023	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS03	08/10/2023	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SS04	08/10/2023	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
BH01	08/10/2023	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
BH01A	08/10/2023	2	<0.050	<0.300	<10.0	57.6	<10.0	57.6	57.6	32.0
BH02	08/10/2023	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
BH02A	08/10/2023	2	<0.050	1.65	18.4	104	<10.0	122	122	80.0

GRO: Gasoline Range Organics

TPH: Total Petroleum Hydrocarbon

DRO: Diesel Range Organics

ORO: Oil Range Organics

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

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# APPENDIX A

Original Remediation Work Plan

**Released to Imaging: 9/13/2023 3:45:30 PM** 



June 9, 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: Remediation Work Plan Vaca Draw 9418 JV-P 001 Incident Number NCH1835540209 Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of BTA Oil Producers, LLC (BTA), has prepared the following *Remediation Work Plan* (*Work Plan*) for the November 25, 2018, crude oil release at the Vaca Draw 9418 JV-P 001 (Site). The following *Work Plan* proposes to complete Site assessment and delineation activities to assess for the presence or absence of impacted soil resulting from the historical crude oil release at the Site.

### SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit K, Section 10, Township 25 South, Range 33 East, in Lea County, New Mexico (32.14325°, -103.56234°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On November 25, 2018, an oil hauler pulled oil from the wrong tank and attempted to put it back into a tank that was out of service. The oil released from the man hatch on the backside of the out of service tank. Approximately 25 barrels (bbls) of crude oil were released within the storage tank containment berm. No released fluids were recovered. BTA reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on November 27, 2018. The release was assigned Incident Number NCH1835540209.

### 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 estimated to be 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-04699, located approximately 1.4 miles south of the Site. The well was drilled to a depth of 60 feet during January 2023

BTA Oil Producers, LLC Remediation Work Plan Vaca Draw 9418 JV-P 001

and no groundwater was encountered. The referenced well records are included in Appendix A. All wells used for depth to groundwater determination are depicted on Figure 1.

A disconnected dry wash is located adjacent to the Site. The closest continuously flowing or significant watercourse to the Site is a wetand located approximately 1.6 miles northeast 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

## PROPOSED REMEDIATION WORKPLAN

Based on the unrecovered volume of crude oil, age of the release, and unknown remediation status, BTA proposes to complete Site assessment and delineation activities within and around the release area to assess for the presence or absence of impacted soil resulting from the November 25, 2018, crude oil release within the storage tank containment berm. BTA requests approval to complete the following remediation activities:

- Soil samples will be collected around the storage tank containment berm from a depth of 0.5 feet bgs to assess the lateral extent of the release and confirm that the release did not breach the containment berm.
- Boreholes will be advanced via hand auger within the containment berm to assess the vertical extent of impacted soil or determine if remediation activities have been previously completed.
- The proposed soil sample and borehole locations are shown on the attached Figure 2. The borehole locations may need to be adjusted slightly during field activities based on the location of underground utilities.
- Soil from the boreholes will be field screened at 1-foot intervals for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach<sup>®</sup> chloride QuanTab<sup>®</sup> test strips. Field screening results and observations will be logged on lithologic/soil sampling logs. Two delineation samples from each borehole will be submitted for laboratory analysis; the sample with the highest field screening result and the sample from the final borehole depth.
  - Final depth of the boreholes will be determined by field screening results indicating compliance with the Site Closure Criteria. In the absence of elevated field screening results, the boreholes will be advanced to a minimum depth of 2 feet bgs.



BTA Oil Producers, LLC Remediation Work Plan Vaca Draw 9418 JV-P 001

- The soil samples will be analyzed for 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 4500.0.
- Upon completion of the lateral and vertical delineation activities and receipt of the laboratory analytical results, BTA will prepare a follow-up *Remediation Work Plan* proposing additional remediation activities, if warranted, or a *Closure Request* if no impacted soil is identified.
  - If soil sample analytical results are compliant with the Site Closure Criteria but exceed the most stringent Table I Closure Criteria, a soil boring may be installed to a minimum depth of 51 feet bgs within 0.5 miles of the Site to determine regional depth to groundwater and confirm the Site Closure Criteria. Additionally, a watercourse survey will be completed to confirm that the disconnected dry wash adjacent to the Site does not meet the definition of a continuously flowing watercourse or significant watercourse as defined in Subsection P of 19.15.17.7 NMAC.

BTA will complete the delineation activities within 90 days of the date of approval of this *Work Plan* by the NMOCD. BTA believes the scope of work described above meets the requirements set forth in 19.15.29.13 NMAC and is protective of human health, the environment, and groundwater. As such, BTA respectfully requests approval of this *Work Plan* for Incident Number NCH1835540209.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or <u>tmorrissey@ensolum.com</u>.

Sincerely, Ensolum, LLC

mée Cole

Aimee Cole Senior Managing Scientist

Ashley L. ager

Ashley Ager, M.S., PG Principal

cc: Kelton Beaird, BTA Nathan Sirgo, BTA Bureau of Land Management

Appendices:

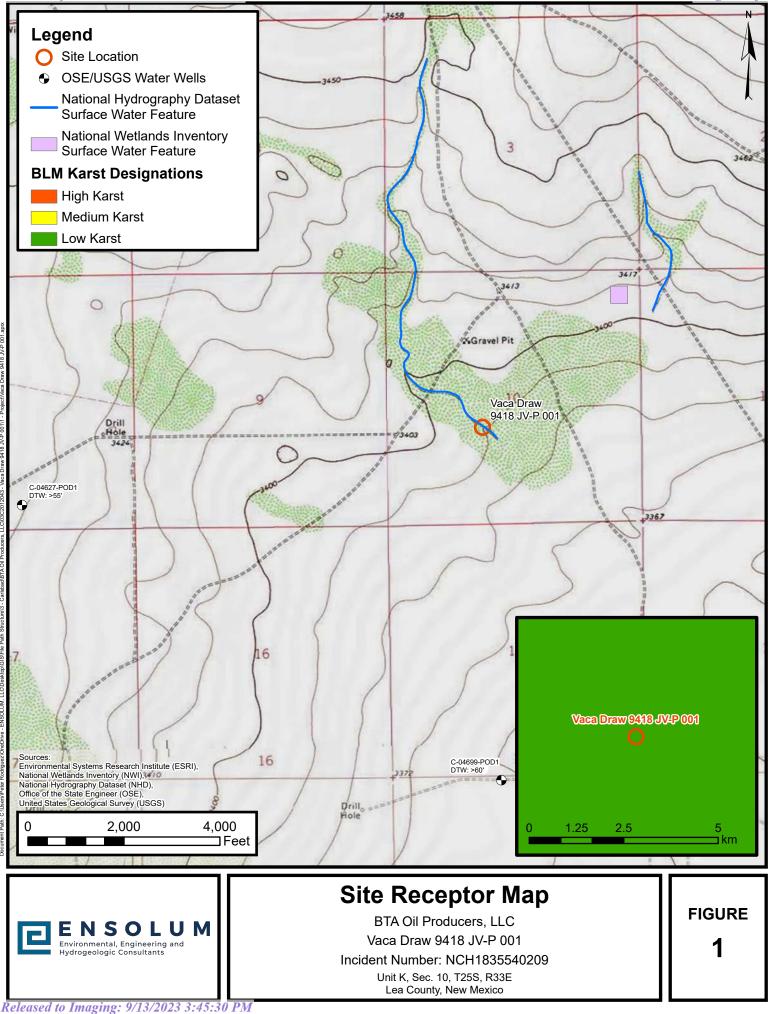
Figure 1Site Receptor MapFigure 2Proposed Delineation Soil Sample LocationsAppendix AReferenced Well RecordsAppendix BFinal C-141





FIGURES

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### Received by OCD: 8/28/2023 10:17:47 AM



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# APPENDIX A

Referenced Well Records

	WR File Number:	C 04699		Subbasin: C	CUB	Cross Refe	erence:	-	
	Primary Purpose:	MON MO	NITOR	ING WELL					
<u>get image list</u>	<b>Primary Status:</b>	PMT PE	RMIT						
	Total Acres:			Subfile:	-			Header:	-
	<b>Total Diversion:</b>	0		Cause/Case:	-				
	Agent:	BTA OIL PR	ODUCI	ERS LLC					
	Contact:	BOB HALL							
	Agent:	ENSOLUM,	LLC						
	Contact:	TACOMA M	IORRIS	SEY					
Documents	s on File								
			Status			From/			
-	Trn # Doc File	Act 1	2	Transaction Desc.		То	Acres	Diversion	Consumptive
images	740773 EXPL 2023-	<u>01-20</u> PM	T APR	C 04699 POD1		Т	0	0	
Current Po	x oints of Diversion								
				(NA	D83 UTM	[ in meters)			
			0						

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

6/7/23 9:35 AM

WATER RIGHT SUMMARY

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								Sample Name: BH01/C-04699	Date: 1/3/2023
				•				Site Name: Rojo 26 Oil Dump Valve	
		E	N	5	ΟΙ		M	Incident Number: nAPP222425641	
								Job Number: 03C2012006	.2
<b> </b>			0610					Logged By: CS / MR	Method: Air Rotary
LITHOLOGIC / SOIL SAMPLING LOG Coordinates: 32.107784, -103.562235						Hole Diameter: 6"	Total Depth: 60'		
					a total dept	h of 60' bgs.	No water	was observed within the soil boring	
		-				-		tonite chips.	
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Des	
						0	CCHE	(0-30'), CALICHE, coarse gra white to tan, dry, no	in, well graded, stain or odor.
Dry	-	-	N	-	- - - -	10			
Dry	-	-	N	-		20		@20' color change to pink/t	an
Dry	-	-	N	-		30	SP-SM	(30-78'), SAND, medium to f graded with trace o orange, dry, no sta	caliche nodules, red to
Dry	-	-	Ν	-	 	40			
Dry	-	-	N	-		50		@50', slightly cohesive with	trace clay
Dry	rv N 60					60		NOTE: refusal @ 60' using air rotar abundant sand.	ry drill rig due to
					-	-  - - -			
						-			
						Total Dep	th @ 60	feet bgs	

PAGE 1 OF 2

WELL TAG ID NO.



# WELL RECORD & LOG

## OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

NC	OSE POD NO. (WELL NO.) POD 1 (TW-1) WELL TAG ID NO. N/A							OSE FILE NO(S). C-4627					
OCATI	WELL OWNE Devon Ener		)					PHONE (OPTIC 575-748-183					
MELL L	WELL OWNE 6488 7 Riv							CITY Artesia			state NM	88210	ZIP
GENERAL AND WELL LOCATION	WELL LOCATION		DI	EGREES 32	minutes 8	SECONDS 20.92	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND					
NER	(FROM GP	S) LO	NGITUDE	103	35	DATUM REQUIRED: WGS 84							
1. GE	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE SW SW SE Sec.8 T25S R33S NMPM												
	LICENSE NO. NAME OF LICENSED DRILLER 1249 Jackie D. Atkins									WELL DRIL tkins Engin		MPANY Associates, I	nc.
	DRILLING STARTED DRILLING ENDED DEPTH OF COMPLETED WELL (FT) BORE HO						LE DEPTH (FT) ±55	DEPTH W	ATER FIRST	r encou N/A	NTERED (FT)		
N	COMPLETED WELL IS: ARTESIAN I DRY HOLE SHALLOW (UNCONFINED)					NED)		WATER LEV PLETED WEI		р	ATE STATIC		
ATIO	DRILLING FL	UID:	AIR	MUD	ADDITIV	ES – SPECIFY		E			_		
DRM	DRILLING M	ETHOD:	ROTARY HAM	MER 🗌 CAB	LE TOOL 🔽 OTHE	ER – SPECIFY	: F	Iollow Stem	Auger	CHECK H INSTALL	IERE IF P .ED	ITLESS ADAP	TER IS
INFO	DEPTH (		BORE HOLE	CASING	MATERIAL AND GRADE	/OR	CA	SING	CASI	NG		G WALL	SLOT
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25.

LOCATION

33.08.330

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	DEPTH (f	reet bgl) TO	THICKNESS (feet)	INCLUD	E WATE	D TYPE OF M R-BEARING plemental sho	CAVITIES O	R FRAC	CTURE ZONE	s	BEAF	TER RING? / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	0	7	7	Sa	nd, Fine-	grained, poorly	graded, 2.5 Y	R 3/6, 1	Dark Red		Y	√ N	
	7	24	17		Caliche, with Fine-grained sand, 7.5 YR 7/4, Pink						Y	√ N	
	24	55	31	Caliche,	Caliche, with Fine-grained sand, well consolidated, 7.5 YR 7/4, Pink							√ N	
											Y	N	
											Y	N	
-1											Y	N	
4. HYDROGEOLOGIC LOG OF WELL											Y	N	
OF											Y	N	
00											Y	N	
ICI											Y	N	
roo											Y	N	
GEO											Y	N	
RO											Y	N	
HYD											Y	N	
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5.	Shane Eldri	dge, Came	ron Pruitt										
TURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:												
6. SIGNATURE	Jack &	Atkins			Ja	ckie D. Atkin	s				6/10	6/2022	
		SIGNAT	URE OF DRILL	ER / PRINT S	SIGNEE	NAME			-			DATE	
FOI	OSE INTER	NALLISE							WR-20 WE	IIPE	CORDA	LOGO	ersion 01/28/2022)
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LO	CATION	1.9		3.08.3	334			WELL	TAG ID NO.	-		-	PAGE 2 OF 2
			and the second s										



# APPENDIX B

Final 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

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Page 22 of 54

Incident ID	nCH1835540209
District RP	
Facility ID	
Application ID	

## **Release Notification**

## **Responsible Party**

Responsible Party BTA Oil	OGRID 5380
Contact Name Kelton Beaird	Contact Telephone 432-312-2203
Contact email kbeaird@btaoil.com	Incident # (assigned by OCD)
Contact mailing address 104 S. Pecos St. Midland, TX 79701	

## **Location of Release Source**

Latitude 32.14325\_

Longitude -103.56234\_

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Vaca Draw 9418 JV-P 001	Site Type: Oil & Gas Production
Date Release Discovered 11/25/2018	API# (if applicable)

Unit Letter	Section	Township	Range	County
К	10	25S	33E	Lea

Surface Owner: State Federal Tribal Private (Name:

## Nature and Volume of Release

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

Crude Oil	Volume Released (bbls) 25.0	Volume Recovered (bbls) 0.0
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	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)
	auler pulled oil from wrong tank. Oil hauler tried to pu nsing out of man hatch in the backside of tank.	t back into tank that was out of service, resulting in fluid

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?	Release greater than 25.0 bbl
🛛 Yes 🗌 No	
If YES, was immediate no N/A	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
$\mathbf{N}/\mathbf{A}$	

## **Initial Response**

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

 $\square$  The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have  $\underline{not}$  been undertaken, explain why: N/A

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: <u>Kelton Beaird</u>	Title: <u>Environmental Manager</u>
Signature:	Date:
email: <u>kbeaird@btaoil.com</u>	Telephone: <u>432-321-2203</u>
OCD Only	
Received by:	Date:

Received by OCD: 8/28/2023 10:17:47 AM Form C-141 State of New Mexico

Oil Conservation Division

	<b>Page 24 of 5</b> 4
Incident ID	nCH1835540209
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;60 (ft</u> bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 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)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 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?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	🗌 Yes 🛛 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

Page 3

- Data table of soil contaminant concentration data
- $\boxtimes$  Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-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.

Received by OCD: 8/28/2023 10:17:47 AM

•

Form C-141 Page 4	State of New Mexico Oil Conservation Division	Incident IDnCH1835540209District RPFacility IDApplication ID
regulations all operators are public health or the environ failed to adequately investig	required to report and/or file certain release not ment. The acceptance of a C-141 report by the gate and remediate contamination that pose a thr of a C-141 report does not relieve the operator of Beaind	Dest of my knowledge and understand that pursuant to OCD rules and fications and perform corrective actions for releases which may endange CD does not relieve the operator of liability should their operations hav at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws Title: <u>Environmental Manager</u> Date: <u>6-9-23</u> Telephone: <u>432-312-2203</u>
OCD Only Received by:	-	Date:

Received by OCD: 8/28/2023 10:17:47 AM

Form C-141 Page 5 State of New Mexico Oil Conservation Division

Incident ID	nCH1835540209
District RP	
Facility ID	
Application ID	

## **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.

Detailed description of proposed remediation technique

Scaled sitemap with GPS coordinates showing delineation points

Estimated volume of material to be remediated

Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC

Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

Extents of contamination must be fully delineated.

Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Kelton Beaird	Title: <u>Environmental Manager</u>
Signature:	Date:6-9-23
email: <u>kbeaird@btaoil.com</u>	Telephone: 432-312-2203
OCD Only	
Received by:	Date:
Approved Approved with Attached Conditions of	Approval Denied Deferral Approved
Signature:	Date:



# APPENDIX B

Lithologic Soil Sampling Logs

**Released to Imaging: 9/13/2023 3:45:30 PM** 

•

							Sample Name: BH01	Date: 8/10/2023		
					Site Name: Vaca Draw 9418 JV-P					
						Incident Number: nCH1835540209				
					Job Number: 03C2012043					
	LITHOL	OGIO		SAMPLING	i LOG		Logged By: CH, SW	Method: Hand Auger		
Coordinates: 3							Hole Diameter: 4"	Total Depth: 2'		
Comments: Fie	ld screen	ing co	nducted w	ith HACH Ch	loride Test S	Strips and	PID for chloride and vapor, respec	tively. Chloride test		
performed wit	h 1:4 dilut	ion fa	actor of soi	l to distilled	water. 40%	correctior	factors included. ND: Non Detect			
Moisture Content Chloride (ppm) (ppm						Lithologic De	scriptions			
Dry ND	0.0	N	BH01	1' - - 	L - - 1' -	ССНЕ	IE Primarily, poorly-sorted, light tan caliche varying in from fine to large gravel, non-plastic, non-cohe			
Moist ND	0.0	Ν	BH01	2' -	2'	CCHE	Even mix of light tan to grey caliche and red sand with amounts of clay, poorly-sorted with most grains being fi medium sand up to large gravel, non- to low palsticity somewhat cohesive due to clay content.			
							Note: Hand auger refusal @ 2 feet bg	5		
						n 2 faat	hac			
TD @ 2 feet bgs										

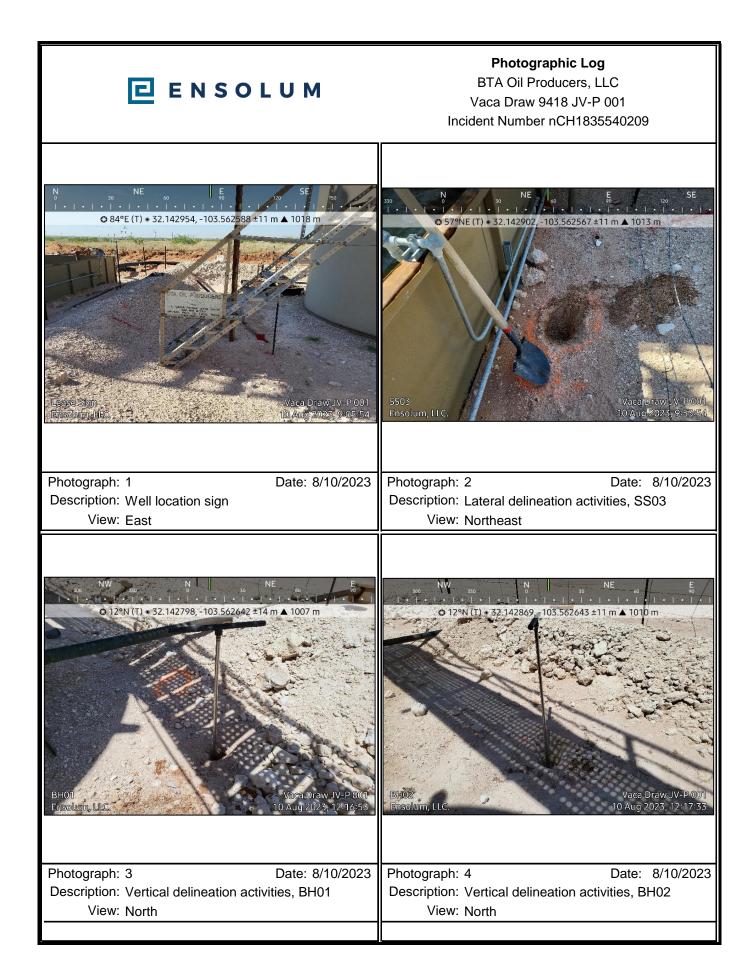
•

E N S O L U M Incident Number: nCH Job Number: 03C2012	Date: 8/10/2023 9418 JV-P 001						
	Incident Number: nCH1835540209						
100 NUUDEL 0502012							
LITHOLOGIC / SOIL SAMPLING LOG Logged By: CS, SW	Method: Hand Auger						
Coordinates: 32.1428929, -103.5626898 Hole Diameter: 4"	Total Depth: 2'						
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and va							
performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included. ND: I							
Moisture Content Chloride Chlo	ologic Descriptions						
from fine to larg	ed, light tan caliche varying in grain size e gravel, non-plastic, non-cohesive						
gravel, with few to tra	caliche, ranging from fine sand to large ace amounts of red sand intermixed with of clay, non-plastic, non-cohesive.						
Note: Hand auger refusal	@ 2 feet bgs						
TD @ 2 feet bgs							
TD @ 2 feet bgs							



APPENDIX C

Photographic Log





# APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation



August 16, 2023

HADLIE GREEN ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: VACA DRAW 9418 JV-P 001

Enclosed are the results of analyses for samples received by the laboratory on 08/10/23 14:53.

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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



### Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	08/10/2023	Sampling Date:	08/10/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	VACA DRAW 9418 JV-P 001	Sampling Condition:	Cool & Intact
Project Number:	03C2024043	Sample Received By:	Shari Cisneros
Project Location:	BTA 32.14325,-103.56234		

### Sample ID: SS 01 0.5' (H234323-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.15	108	2.00	2.06	
Toluene*	<0.050	0.050	08/15/2023	ND	2.07	104	2.00	1.27	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.00	100	2.00	1.47	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.07	101	6.00	2.32	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/14/2023	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	08/14/2023	ND	159	79.5	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	173	86.3	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	101 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

ENSOLUM, LLC
HADLIE GREEN
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	08/10/2023	Sampling Date:	08/10/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	VACA DRAW 9418 JV-P 001	Sampling Condition:	Cool & Intact
Project Number:	03C2024043	Sample Received By:	Shari Cisneros
Project Location:	BTA 32.14325,-103.56234		

#### Sample ID: SS 02 0.5' (H234323-02)

BTEX 8021B	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.15	108	2.00	2.06	
Toluene*	<0.050	0.050	08/15/2023	ND	2.07	104	2.00	1.27	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.00	100	2.00	1.47	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.07	101	6.00	2.32	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 71.5-13	4						
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	08/14/2023	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	08/14/2023	ND	159	79.5	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	173	86.3	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	08/10/2023	Sampling Date:	08/10/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	VACA DRAW 9418 JV-P 001	Sampling Condition:	Cool & Intact
Project Number:	03C2024043	Sample Received By:	Shari Cisneros
Project Location:	BTA 32.14325,-103.56234		

#### Sample ID: SS 03 0.5' (H234323-03)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.15	108	2.00	2.06	
Toluene*	<0.050	0.050	08/15/2023	ND	2.07	104	2.00	1.27	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	2.00	100	2.00	1.47	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	6.07	101	6.00	2.32	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 71.5-13	4						
Chloride, SM4500Cl-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	08/14/2023	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	08/14/2023	ND	159	79.5	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	173	86.3	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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\*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	08/10/2023	Sampling Date:	08/10/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	VACA DRAW 9418 JV-P 001	Sampling Condition:	Cool & Intact
Project Number:	03C2024043	Sample Received By:	Shari Cisneros
Project Location:	BTA 32.14325,-103.56234		

#### Sample ID: SS 04 0.5' (H234323-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	1.76	
Toluene*	<0.050	0.050	08/15/2023	ND	1.97	98.6	2.00	0.763	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.97	98.6	2.00	3.06	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.91	98.5	6.00	3.75	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
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	08/14/2023	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	08/14/2023	ND	159	79.5	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	173	86.3	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	99.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC HADLIE GREEN 705 W WADLEY AVE. MIDLAND TX, 79705 Fax To:

Received:	08/10/2023	Sampling Date:	08/10/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	VACA DRAW 9418 JV-P 001	Sampling Condition:	Cool & Intact
Project Number:	03C2024043	Sample Received By:	Shari Cisneros
Project Location:	BTA 32.14325,-103.56234		

#### Sample ID: BH 01 1' (H234323-05)

BTEX 8021B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	1.76	
Toluene*	<0.050	0.050	08/15/2023	ND	1.97	98.6	2.00	0.763	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.97	98.6	2.00	3.06	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.91	98.5	6.00	3.75	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-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	08/14/2023	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	08/14/2023	ND	159	79.5	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	173	86.3	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	90.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC
HADLIE GREEN
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	08/10/2023	Sampling Date:	08/10/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	VACA DRAW 9418 JV-P 001	Sampling Condition:	Cool & Intact
Project Number:	03C2024043	Sample Received By:	Shari Cisneros
Project Location:	BTA 32.14325,-103.56234		

#### Sample ID: BH 01 2' (H234323-06)

BTEX 8021B	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	1.76	
Toluene*	<0.050	0.050	08/15/2023	ND	1.97	98.6	2.00	0.763	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.97	98.6	2.00	3.06	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.91	98.5	6.00	3.75	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/14/2023	ND	432	108	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	08/14/2023	ND	159	79.5	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	173	86.3	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	98.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	107	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC	
HADLIE GREEN	
705 W WADLEY AVE.	
MIDLAND TX, 79705	
Fax To:	

Received:	08/10/2023	Sampling Date:	08/10/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	VACA DRAW 9418 JV-P 001	Sampling Condition:	Cool & Intact
Project Number:	03C2024043	Sample Received By:	Shari Cisneros
Project Location:	BTA 32.14325,-103.56234		

#### Sample ID: BH 02 1' (H234323-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	1.76	
Toluene*	<0.050	0.050	08/15/2023	ND	1.97	98.6	2.00	0.763	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.97	98.6	2.00	3.06	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.91	98.5	6.00	3.75	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/14/2023	ND	432	108	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	08/14/2023	ND	159	79.5	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	173	86.3	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	86.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC
HADLIE GREEN
705 W WADLEY AVE.
MIDLAND TX, 79705
Fax To:

Received:	08/10/2023	Sampling Date:	08/10/2023
Reported:	08/16/2023	Sampling Type:	Soil
Project Name:	VACA DRAW 9418 JV-P 001	Sampling Condition:	Cool & Intact
Project Number:	03C2024043	Sample Received By:	Shari Cisneros
Project Location:	BTA 32.14325,-103.56234		

#### Sample ID: BH 02 2' (H234323-08)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/15/2023	ND	2.04	102	2.00	1.76	
Toluene*	<0.050	0.050	08/15/2023	ND	1.97	98.6	2.00	0.763	
Ethylbenzene*	<0.050	0.050	08/15/2023	ND	1.97	98.6	2.00	3.06	
Total Xylenes*	<0.150	0.150	08/15/2023	ND	5.91	98.5	6.00	3.75	
Total BTEX	<0.300	0.300	08/15/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/14/2023	ND	432	108	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	08/14/2023	ND	159	79.5	200	0.686	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	173	86.3	200	1.33	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



#### **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Project Manager:								TIME ON TRACEO
	Hadlie Caren			P.O. #:		-	-	
Address: 601 N	601 N. Marienfeld St. STE 400	400		pany: BTA	N.1	_		
City: Midland		State: TX	Zip: 79701	Attn: 16,1100 B	Beaind	_		
Phone #:		Fax #:			the fr	_		
Project #: 63C 202	024043	Project Owner:	.1					
Project Name: V	Laca Drew 94K	JV-P DOI		Zin-	1020	-		
Project Location:	32,14325			Phone #: 123 -21	- 77/2		_	
		114 0010	• 5	1 101 # . 422 - 212 - 2203	C077_7		-	
Sampler Name: (	thad Hamilto	MuSarsh b	lelvans	Fax #:		×		
FOR LAB USE ONLY			MATRIX	PRESERV. S	SAMPLING			
Lab I.D.	Sample I.D.	Sample Depth	WATER				ides	
4234323	8	(ieet)	(G)RAB ( # CONTA GROUNE WASTEW SOIL OIL SLUDGE	OTHER : ACID/BAS CE / COC DTHER :	TIME	TPH	Chlor	
	3501	0.5	1		5	X X	~	
	5502	0.51	<	01/80	0940	XXX	X	
0	5503	0.51	~	01130	5400		×	
1	40.65	0.51	1	01/80	0950	XX	×	
	BHOI		V	01180	1150	XX	X	
56	BHOI	2	5	01/80	1200	XX	X	
0-	BH02	17	5	01/80	-	XX	X	
×	BHOZ	1	5	01/300	1145	X	×	
FASE NOTE: I labelle and De								
analyses. All claims including those for negligence and any oth service. In no event shall Cardinal be liable for incidental or con affiliates or successors arising out of or related to the performan	inserve concrision a national and other of inserver negligence and any other of national beliable for incidental or conseq of or related to the performance is of other oth	It's exclusive remedy tor any ause whatsoever shall be de uental damages, including w services hareunder by Carr	analyses. All claims including those for negligence and any other cause whatboewer shall be deemed waived unknew to based in contract or tort, shall be limited to the amount paid by the client for the service. In no event shall Cardinal be lable for incidental or consequential damages, including without limitation, business made at writing and received by Cardinal within 30 days after completion of the applicable affiliates or auccessors arising out of or related to the performance of services hereundee by Cardinal repartdees of wantees interruptions, loss of use, or loss of profils incurred by client, its subsidiaries, affiliates or auccessors arising out of or related to the performance of services hereundee by Cardinal repartdees of wantee such stems here in the out of other is subsidiaries, affiliates or auccessors arising out of or related to the performance of services hereundee by Cardinal repartdees of wantee such stems here on loss of profils incurred by client, its subsidiaries, and the service of the services hereundee by Cardinal repartdees of wantee such stems here in the service of profils incurred by client, its subsidiaries, and the service of the services of the services hereundee by Cardinal repartdees of wantee such stems in the service of profils incurred by client, its subsidiaries, and the service of the services hereundee by Cardinal repartdees of wantees and here is based on the service of profiles in the service of the service	or fort, shall be limited to the amount 5 received by Cardinal within 30 days loss of use, or loss of profils incuired to be hard to be a set of the set o	paid by the client for the after completion of the ap by client, its subsidiaries,	plicable		
Relinquished By:	N		Received By:	·	Verbal Result:		ON D	Add'I Phone #:
601	C	1:Sa	Shan C.	tant	All Results are emailed. Pik BJennings@ensolum.com		Please provio	Please provide Email address: om
remiquished by.		Date: Time:	R¢ceived By:		REMARKS:			
Delivered By: (Circle One)		n	Sample Condition	on CHECKED BY: (Initials)	Turnaround Time:	S	Standard	ly) s
FURM-000 K 3.2 10/07/2		Corrected lemp. C	V Yes V Yes	8	Thermometer ID #113 Correction Factor -0.5%	#73		Ves Yes

Received by OCD: 8/28/2023 10:17:47 AM

Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Yes Yes Nc No Corrected Temp. °C

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



oratories

Page 43 of 54



# APPENDIX E

**NMOCD** Notifications

**Released to Imaging: 9/13/2023 3:45:30 PM** 

From:	Wells, Shelly, EMNRD
To:	Hadlie Green
Cc:	Bratcher, Michael, EMNRD; Maxwell, Ashley, EMNRD; Hamlet, Robert, EMNRD; Hall, Brittany, EMNRD; Harimon, Jocelyn, EMNRD
Subject:	RE: [EXTERNAL] BTA - Sampling Notification - Week of 08/07/2023
Date:	Thursday, August 3, 2023 2:47:10 PM
Attachments:	image001.png image002.png
	image003.png image004.png

### [ \*\*EXTERNAL EMAIL\*\*]

Hi Hadlie,

Notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you,

Shelly

Shelly Wells \* Environmental Specialist-Advanced Administrative Permitting Program EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520<u>|Shelly.Wells@emnrd.nm.gov</u> http://www.emnrd.state.nm.us/OCD/

From: Hadlie Green <hgreen@ensolum.com>
Sent: Thursday, August 3, 2023 1:36 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Kelton Beaird <KBeaird@btaoil.com>
Subject: [EXTERNAL] BTA - Sampling Notification - Week of 08/07/2023

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

BTA anticipates collecting confirmation samples at the following locations the week of August 7, 2023.

- Mesa B #2 SWD / NOY1826826475
  - Sampling Date: 8/7-8/2023 @ 9:00 AM MST

- Mesa #2H Tank Battery / NRM2026945362
  - Sampling Date: 8/8/2023 @ 9:00 AM MST
- Vaca Draw 9418 JV-P 001 / nCH1835540209
  - Sampling Date: 8/10-11/2023 @ 9:00 AM MST
- Gem 4, 5, 7, 10 Battery, 8705 JV-P / NCH1903263128
   Sampling Date: 8/10-11/2023 @ 9:00 AM MST
- Mesa 8105 JVP #006H / nOY1814228433
  - Sampling Date: 8/11/2023 @ 9:00 AM MST

Thank you,



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



# APPENDIX F

Final 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

Page 48 of 54

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

)

Incident ID	nCH1835540209
District RP	
Facility ID	
Application ID	

## **Release Notification**

## **Responsible Party**

Responsible Party BTA Oil	OGRID 5380
Contact Name Kelton Beaird	Contact Telephone 432-312-2203
Contact email kbeaird@btaoil.com	Incident # (assigned by OCD)
Contact mailing address 104 S. Pecos St. Midland, TX 79701	

### **Location of Release Source**

Latitude 32.14325\_

Longitude -103.56234\_

(NAD 83 in decimal degrees to 5 decimal places)

Site Name Vaca Draw 9418 JV-P 001	Site Type: Oil & Gas Production
Date Release Discovered 11/25/2018	API# (if applicable)

Unit Letter	Section	Township	Range	County
K	10	25S	33E	Lea

Surface Owner: State Federal Tribal Private (Name:

### Nature and Volume of Release

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

Crude Oil	Volume Released (bbls) 25.0	Volume Recovered (bbls) 0.0
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	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)
	auler pulled oil from wrong tank. Oil hauler tried to put nsing out of man hatch in the backside of tank.	t back into tank that was out of service, resulting in fluid

Was this a major	If YES, for what reason(s) does the responsible party consider this a major release?
release as defined by	
19.15.29.7(A) NMAC?	Release greater than 25.0 bbl
Yes 🗌 No	
If YES, was immediate n	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
N/A	

### **Initial Response**

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

 $\square$  The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have  $\underline{not}$  been undertaken, explain why: N/A

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: <u>Kelton Beaird</u>	Title: <u>Environmental Manager</u>
Signature:	Date:
email: <u>kbeaird@btaoil.com</u>	Telephone: <u>432-321-2203</u>
OCD Only	
Received by:	Date:

Received by OCD: 8/28/2023 10:17:47 AM Form C-141 State of New Mexico

Oil Conservation Division

	<b>Page 50 of 54</b>
Incident ID	nCH1835540209
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;60 (ft</u> bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 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)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 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?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	🗌 Yes 🔀 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

Page 3

- Data table of soil contaminant concentration data
- $\boxtimes$  Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-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.

Received by OCD: 8/28/2023 10:17:47 AM Form C-121 State of New Mexico

**Oil Conservation Division** 

	Page 51 of 5
Incident ID	nCH1835540209
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;100</u> (ft bgs)
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 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)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 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?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🗌 Yes 🛛 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	🗌 Yes 🔀 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
- $\boxtimes$  Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-mile of the lateral extents of the release
- $\boxtimes$  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.

Page 3

	Received by OCD: 8/28/2023 10:17:47 AM Form C-141 State of New Mexico			Page 52 of 3	
			Incident ID	nCH1835540209	
ge 4	Oil Conservation	Division	District RP		
			Facility ID		
			Application ID		
regulations all operators are r public health or the environm failed to adequately investiga addition, OCD acceptance of and/or regulations.	mation given above is true and cor equired to report and/or file certai ent. The acceptance of a C-141 re te and remediate contamination th a C-141 report does not relieve th	n release notifications and perfore eport by the OCD does not relie at pose a threat to groundwater, e operator of responsibility for o 	orm corrective actions for r ve the operator of liability surface water, human heal	eleases which may endanger should their operations have th or the environment. In federal, state, or local laws	
email:KBeaird@btaoil.	com	Telephone:432-3	12-2203		
OCD Only					
Received by: <u>Shelly Wells</u>	3	Date: _{	8/28/2023		

Page 6

Oil Conservation Division

Incident ID	nCH1835540209
District RP	
Facility ID	
Application ID	

Page 53 of 54

## 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.

<b><u>Closure Report Attachment Checklist</u></b> : Each of the following a	items must be included in the closure report.
$\square$ A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certaid may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and re- human health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the co- accordance with 19.15.29.13 NMAC including notification to the O Printed Name:Kelton Beaird	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in OCD when reclamation and re-vegetation are complete. Title: _Environmental Manager
	Date:8/22/2023
email:KBeaird@btaoil.com	Telephone:432-312-2203
OCD Only	
Received by: <u>Shelly Wells</u>	Date: <u>8/28/2023</u>
remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and	
Closure Approved by: Juttan Hall	Date: 9/13/2023
Printed Name: Brittany Hall	Title: Environmental Specialist

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

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District IV

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

CONDITIONS

Operator:	OGRID:
BTA OIL PRODUCERS, LLC	260297
104 S Pecos	Action Number:
Midland, TX 79701	258151
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
bhall	Closure approved. Site will need to meet the requirements of 19.15.29.13 NMAC at time of facility deconstruction or plugging and abandonment.whichever comes first.	9/13/2023

Action 258151