#### NM OIL CONSERVATION

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ARTESIA DISTRICT

DEC 1 4 2017

Form C-141 Revised April 3, 2017

Subinit Copy to appropriate District Office in accordance with 19.15.29 NMAC.

District 1 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210	State of New Mexico Energy Minerals and Natural Resources
District III 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505
	<b>Release Notification and Corrective</b>

# ification and Corrective Action

nari	NAB1134834805 OPERATOR Initial Report I Final Report						ror			Final Report		
Name of Co	Name of Company OXY USA INC, #16696 Contact WADE DITTRICH											
	Address PO BOX 4294; HOUSTON, TX 77210 Telephone No. 575-390-2828											
Facility Nar	ne PAT	TON MDP1	18 FEDI	ERAL #5H	I	Facility Typ	e WELL					
Surface Ow	ner BLN	1		Mineral C	)wner	BLM			API No.	30-015-	4427	2
				LOCA	TION	OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/V	Vest Line		Coun	ty
<u>A</u>	A 18 24S 1E 150 NORTH 285 EAST EDDY							Y				
			Latitude	e_ 32.22423405	48 <u></u> Lo	ngitude I	103.809669704_	NAD	83			
				NAT	URE	OF REL	EASE					
Type of Rele						Volume of			Volume R		75 bb	
Source of Re	lease Fra	cTank overflo	wed			Date and H	lour of Occurrenc	e	Date and I	lour of Disc	overy	r .
Was Immedia	ate Notice C			•		If YES, To						
		X	Yes L	No 🗌 Not R	equired	MIKE BR.	ATCHER-NMOC BLM	D; CRY	'STAL WE	AVER-NMC	)CD;	SHELLY
By Whom?	WADE D				<u> </u>	Date and H		3:53 P	M			
Was a Water	course Reac		Yes 🛛	No		If YES, Vo	olume Impacting t	he Wate	rcourse.			
If a Watercou	Irce was Im		_			L						
	nse was mi	paereu, Deser	ibe i uliy.									
Describe Cause of Problem and Remedial Action Taken.*												
FracTank ove	erflowed and	d spilled 85 b	bls of oil.	A vac truck was	used to r	ecover 75 bb	ls of spill oil.					
Describe Area Affected and Cleanup Action Taken.*												
A flocted are	a of the cr		M ft (me	asurements are :	subject t	o ahanga w	ith CDS trackin	a) Dan	adiation (	vill he com	nlata	d in
				ed by the NMO			ini OFS uackin	g). Ken	leutation v		piete	3 m
		•	••	•								
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and												
regulations a	Il operators	are required t	o report a	nd/or file certain i	elcase no	otifications a	nd perform correct	ctive acti	ions for rela	ases which a	may e	ndanger
public health	or the environment	conment. The	acceptant adecuately	ce of a C-141 repo investigate and r	ort by the remediate	: NMOCD m	arked as "Final R	eport" d	ound water	eve the operation of the surface wat	ator o ter hi	f liability uman bealth
or the enviro	nment. In a	ddition, NMC	CD accept	stance of a C-141	report do	bes not reliev	e the operator of	responsi	bility for co	mpliance wa	ith an	y other
federal, state, or local laws and/or regulations.												
	1.		~.	1			<u>OIL CON</u>	SERV	ATION	DIVISIO	<u>N</u>	
Signature:	_///a	derti	The	7					11			
Printed Name	e: WADE	DITTRICH	·			Approved by	Environingmatis	Pecialis	Alle &	) reasteries	۶	
	<u></u>		1017	·····		A 1 P	12/14/1	7		. /1	Ā	
<u>Title:</u> ENV	IROMENT	AL SPECIAL				Approval Da	le: 14 17/1	/	Expiration	Date: /V//		
E-mail Addr	ess: wade	dittrich@ox	<u>v.com</u>	······		Conditions o	f Approval:		. 1	Attached		
Date: 12-14-17 Phone: 575-390-2828 SEP attach				hed	1 à	ÌŔŶ	,4518					

Date: 12-14-1 Phone; 575-390-2828 \* Attach Additional Sheets If Necessary

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Incident ID	NAB1734834805
District RP	
Facility ID	
Application ID	

# Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report. A scaled site and sampling diagram as described in 19.15.29.11 NMAC Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) Description of remediation activities I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. \_\_\_\_\_ <sub>Title:</sub> Environmental Coordinator Printed Name: Wade Dittrich Date: 08/02/2023 Signature: Telephone: 575-390-2828 email: Wade Dittrich@oxy.com **OCD Only** Received by: <u>Shelly Wells</u> Date: 8/22/2023 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. Date: 8/23/2023 Closure Approved by: Printed Name: \_\_\_\_\_Jocelyn harimon\_\_\_\_ Title: Environmental Specialist

# Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	(ft bgs)
Did this release impact groundwater or surface water?	🗌 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
- $\overline{\mathbf{\nabla}}$  Data table of soil contaminant concentration data
- $\square$  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
- **V** 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.

Ceceived by OCD: 8/22/2023	1:33:40 PM State of New Mexico			Page 4 o
			Incident ID	NAB1734834805
Page 4	Oil Conservation Division	l	District RP	
			Facility ID	
			Application ID	
public health or the environmer failed to adequately investigate	Lach	OCD does not relieve th reat to groundwater, surf of responsibility for comp	e operator of liability sl ace water, human healtl liance with any other for ental Coordinato	nould their operations have n or the environment. In ederal, state, or local laws
OCD Only				

Received by OCD: 8/22/2023 1:33:40 PM Form C-141 State of New Mexico

Oil Conservation Division

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

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Incident ID	NAB1734834805
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Facility ID	
Application ID	

# **Remediation Plan**

Detailed description of proposed remediation technique Scaled sitemap with GPS coordinates showing delineation points  $\square$ 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: Wade Dittrich Title: Environmental Coordinator Date: 08/02/2023 Signature: email: Wade\_Dittrich@oxy.com Telephone: 575-390-2828 **OCD Only** Received by: Shelly Wells Date: 8/22/2023 Approved Approved with Attached Conditions of Approval Denied Deferral Approved Signature: Date:

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# Trinity Oilfield Services & Rentals, LLC



August 2<sup>nd</sup>, 2023

Oil Conservation Division, District II 811 South First Street, Artesia, New Mexico 88210

### Re: Closure Request Patton MDP1 18 Federal #005H Tracking #: NAB1734834805

Trinity Oilfield Services (Trinity), on behalf of OXY USA, Inc., hereby submits the following Closure Request in response to a release that occurred at the above-referenced location, and further described below.

Site Information				
Incident ID	NAB1734834805			
Site Name	Patton MDP1 18 Federal #005H			
Company	OXY USA, Inc.			
County	Eddy			
ULSTR	A-18-24S-31E			
GPS Coordinates (NAD 83)	32.2241806, -103.8093124			
Landowner	Federal			

### HISTORICAL RELEASE BACKGROUND

This site had previously been remediated but no paperwork existed for verification, therefore, OXY performed confirmation sampling to verify remediation limits had been met.

On 12/7/2017, OXY USA, Inc. reported a release at the Patton MDP1 18 Federal #005H. The release was caused when a frac tank overflowed. Approximately 6,003 sqft. of the Pad was found to be damp upon initial inspection.

Release Information				
Date of Release	12/6/2017			
Type of Release	Crude Oil			
Source of Release	Overflow			
Volume Released – Produced Water	0 bbls			
Volume Recovered – Produced Water	0 bbls			
Volume Released – Crude Oil	85 bbls			
Volume Recovered – Crude Oil	75 bbls			
Affected Area – Damp Soil	Pad - Approximately 6,003 sqft.			
Site Location Map	Attached			

### SITE CHARACTERIZATION AND CLOSURE CRITERIA

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	NA	NA	NA
USGS	321310103482101	1/17/2013	74.44
Soil Bore	NA	NA	NA

### Depth to Groundwater/Wellhead Protection:

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a  $1/_2$  mile of the release site. The search revealed that One (1) well occurred in the databases that meet the NMOCD criteria for the age of data, the distance of the data point well from the release point, and a data point well having a diagram of construction.

#### **General Site Characterization:**

Site Assessment					
Karst Potential	Low				
Distance to Watercourse	> 1000 ft.				
Within 100 yr Floodplain	No				
Pasture Impact	No				

A risk-based site assessment/characterization was performed following the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the site assessment/characterization evaluation, the affected area has Low potential for cave and karst, and no other receptors (residence, school, hospital, institution, church, mining, municipal, or other ordinance boundaries) were located within the regulatorily promulgated distances from the site.

#### **Closure Criteria:**

On-Site & Off-Site 4ft bgs   Recommended Remedial Action Levels (RRALs)				
Chlorides	10,000 mg/kg			
TPH (GRO and DRO and MRO)	2,500 mg/kg			
TPH (GRO and DRO)	1,000 mg/kg			
BTEX	50 mg/kg			
Benzene	10 mg/kg			

A reclamation standard of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top four feet of the pasture area if impacted by the release, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

# INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES

### **Initial Sample Activities:**

Delineation Summary							
Delineation Dates	5/23/2023						
Depths Sampled	0' - 2'						
Delineation Map	Attached						
Laboratory Results	Table 1						

All soil samples were placed into laboratory-supplied glassware, labeled, and maintained on ice until delivery to an NMOCD-approved laboratory (Cardinal Laboratories of Hobbs, NM) for the analysis of chloride using Method SM4500 Cl-B, Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) by EPA Method 8021 B and Total Petroleum Hydrocarbon (TPH) constituents the by EPA 8015M.

### **Confirmation Activities:**

Remediation Summary							
Remediation Dates	07/05/2023 & 07/25/2023						
Workplan Approval	At Risk						
Liner Variance Request	None						
Deferral Request	None						
Depths Excavated	0' - 0.5'						
Area Represented by the required 5-point	200 sqft.						
Confirmation Samples – Floors and Walls	200 541.						
Total Volume of Excavated Soil	4 yards						
Remediation Map	Attached						
Laboratory Results	Table 2						

Impacted soil within the release margins was excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. Unless a Variance Request has been approved, all Floor and On-Site Walls of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the RRAL NMOCD Closure Criteria listed in the Table above, and all Off-Site Walls were advanced to meet reclamation standards. Confirmation soil samples (five-point composites representing no more than 200 sqft. of the excavated area) were collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil was transported under manifest to an NMOCD-approved disposal facility and the excavated area was backfilled with locally sourced, non-impacted "like" material.

# SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities were restored to a condition that existed before the release to the extent practicable. The affected area was contoured and/or compacted to provide erosion control, stability, and preservation of surface water flow. Affected areas not on production pads and/or lease roads will be reseeded with a prescribed BLM, NMSLO, and/or Private Landowner requested seed mixture during the first favorable growing season following the closure of the site by the applicable regulatory agency.

### **REQUEST FOR CLOSURE**

Supporting Documentation							
C-141 page 6	Signed and Attached						
Delineation and Remediation Maps	Attached						
Depth to Groundwater Maps and Source	Attached						
US NWI Map	Attached						
FEMA Flood Hazard Map	Attached						
USDA Soil Survey	Attached						
Site Photography	Attached						
Laboratory Analytics with COCs	Attached						

The site has been remediated to meet the standards of Table I of 19.15.29.12 NMAC; therefore, Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant closure approval for the referenced release.

Sincerely,

Dan Dunkelberg

Dan Dunkelberg Project Manager

Cynthia Jordan

Cynthia Jordan Project Scientist

#### TABLE 1 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL



OXY USA, INC.
PATTON MDP1 18 FEDERAL #005H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAB1734834805

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	VERTICAL/ HORIZONTAL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
		On-Site, & De	eper than 4' Past	ure		•	10000	2500	1000	NE	NE	NE	50	10
Deline	ation Special	Circumstance	, NMOCD Delinea	tion Limits Pa	sture to 4'		600	100	NE	NE	NE	NE	50	10
	Vertical Delineation													
DV-001.0-00.0-S	0	5/23/2023	Vertical	On-Site	Grab	In-Situ	64.00	35.50	35.50	<10.0	35.50	<10.0	<10.0	<10.0
DV-001.0-01.0-S	1	5/23/2023	Vertical	On-Site	Grab	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-001.0-02.0-S	2	5/23/2023	Vertical	On-Site	Grab	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-002.0-00.0-S	0	5/23/2023	Vertical	On-Site	Grab	In-Situ	144.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DV-002.0-01.0-S	1	5/23/2023	Vertical	On-Site	Grab	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
						Horizontal	Delineation							
DH-001.0-01.0-S	1	5/23/2023	Horizontal	On-Site	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-002.0-01.0-S	1	5/23/2023	Horizontal	On-Site	Grab	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-003.0-00.5-S	0.5	5/23/2023	Horizontal	On-Site	Grab	In-Situ	144.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-004.0-00.5-S	0.5	5/23/2023	Horizontal	On-Site	Grab	In-Situ	368.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-005.0-00.5-S	0.5	5/23/2023	Horizontal	On-Site	Grab	In-Situ	144.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-006.0-01.0-S	1	5/23/2023	Horizontal	On-Site	Grab	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

.

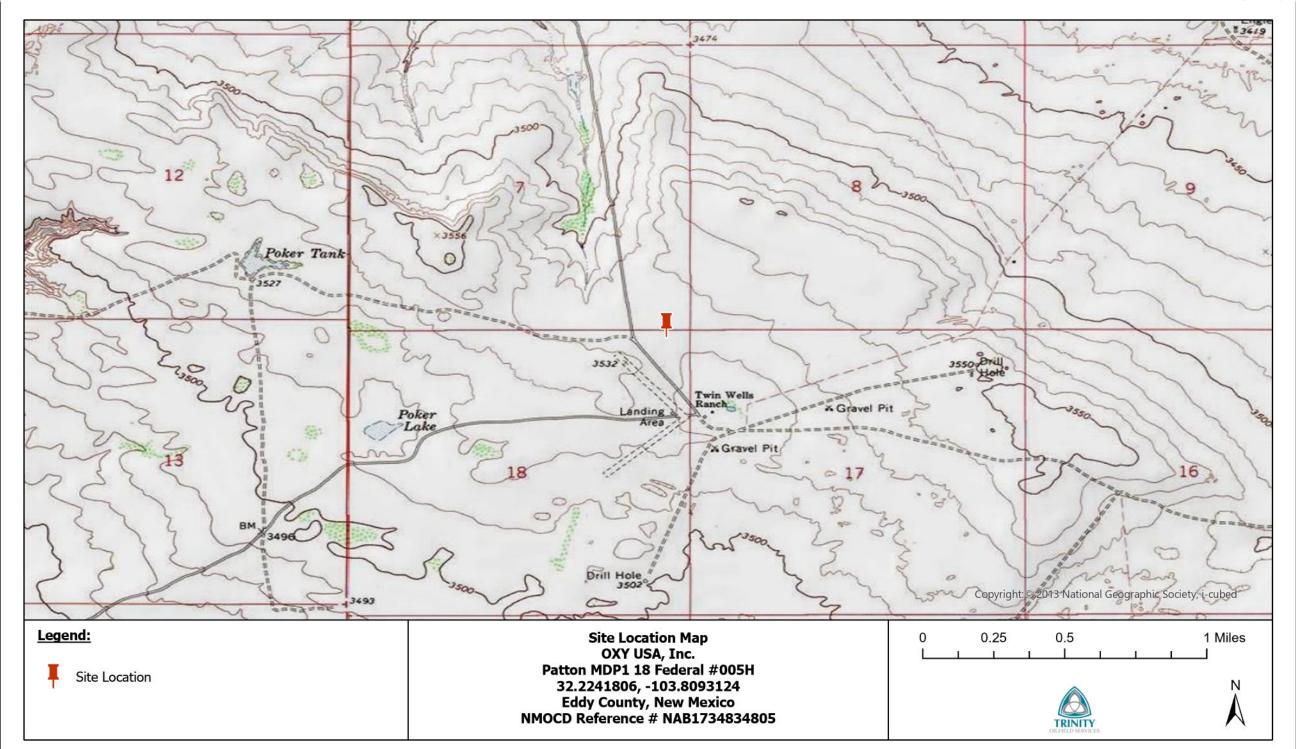
# TABLE 2 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

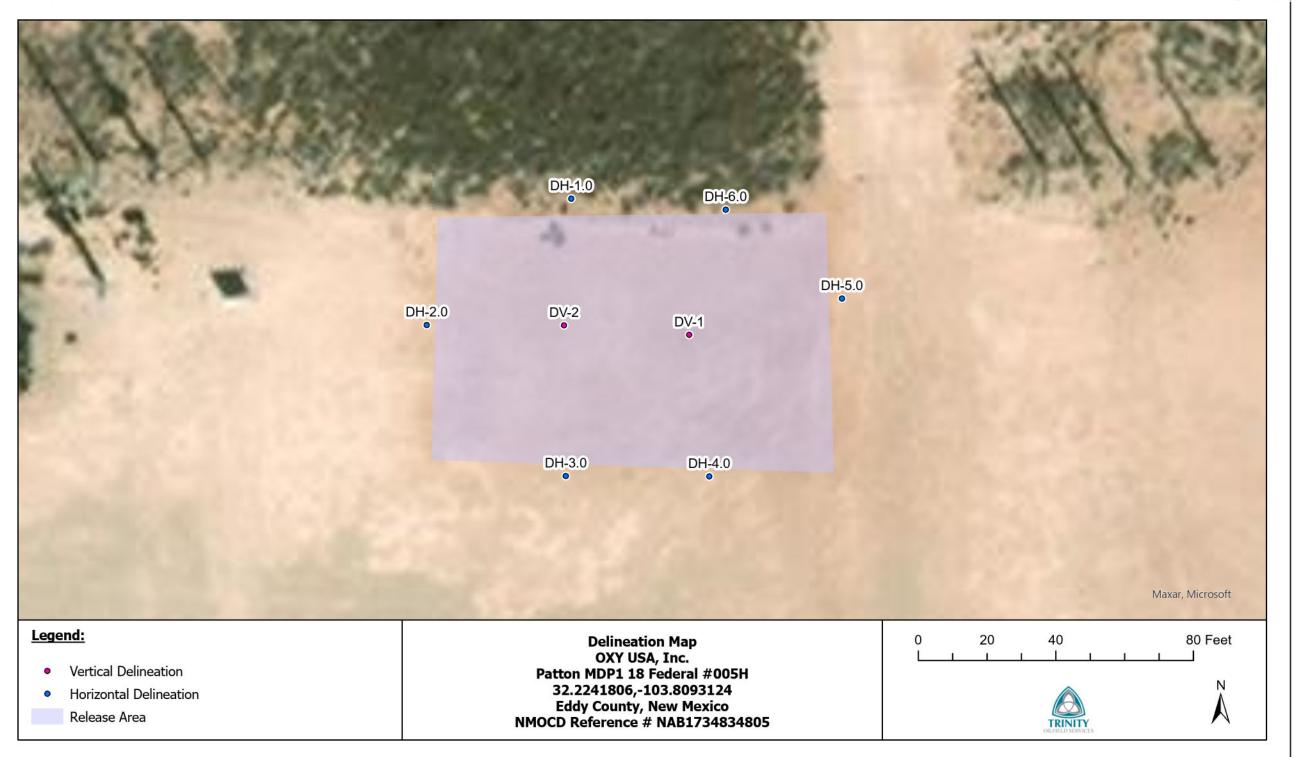


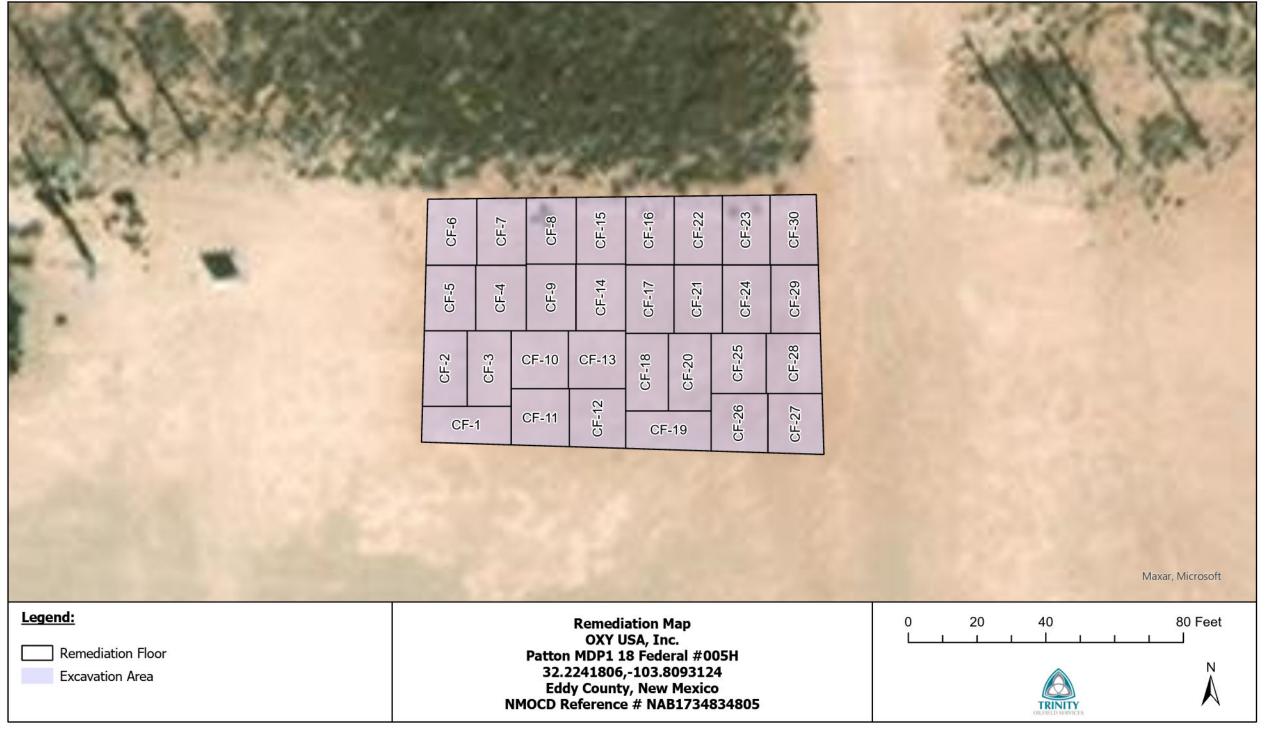
OXY USA, INC.
PATTON MDP1 18 FEDERAL #005H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAB1734834805

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
	•	NMOCD Clo	sure Limits Pac	İ	•		10000	2500	1000	NE	NE	NE	50	10
	Ν	IMOCD Closure	Limits Pasture	to 4'			600	100	NE	NE	NE	NE	50	10
						Remedi	ation Floors							
CF-001.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-002.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	16	11.1	11.1	<10.0	11.1	<10.0	<.300	<0.50
CF-003.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-004.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	80	26	26	<10.0	26	<10.0	<.300	<0.50
CF-005.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-006.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	240	136	136	<10.0	136	<10.0	<.300	<0.50
CF-007.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	Excavated	128	3017	2250	<10.0	2250	767	<.300	<0.50
CF-007.0-00.5-S	0.5	7/25/2023	Floor	On-Site	Composite	In-Situ	112.00	16.30	16.30	<10.0	16.30	<10.0	<.300	<0.50
CF-008.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	384	265	265	<10.0	265	<10.0	<.300	<0.50
CF-009.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	208	188	188	<10.0	188	<10.0	<.300	<0.50
CF-010.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-011.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-012.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	96	37.9	37.9	<10.0	37.9	<10.0	<.300	<0.50
CF-013.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	80	21.7	21.7	<10.0	21.7	<10.0	<.300	<0.50
CF-014.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	720	57.6	57.6	<10.0	57.6	<10.0	<.300	<0.50
CF-015.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	192	1007	974	<10.0	974	33	<.300	<0.50
CF-016.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	400	187	187	<10.0	187	<10.0	<.300	<0.50
CF-017.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	48	55.2	55.2	<10.0	55.2	<10.0	<.300	<0.50
CF-018.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-019.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-020.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-021.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	64	404	404	<10.0	404	<10.0	<.300	<0.50
CF-022.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	608	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-023.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-024.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	32	109	109	<10.0	109	<10.0	<.300	<0.50
CF-025.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	64	11	11	<10.0	11	<10.0	<.300	<0.50
CF-026.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	96	33	33	<10.0	33	<10.0	<.300	<0.50
CF-027.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-028.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-029.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-030.0-00.0-S	0	7/5/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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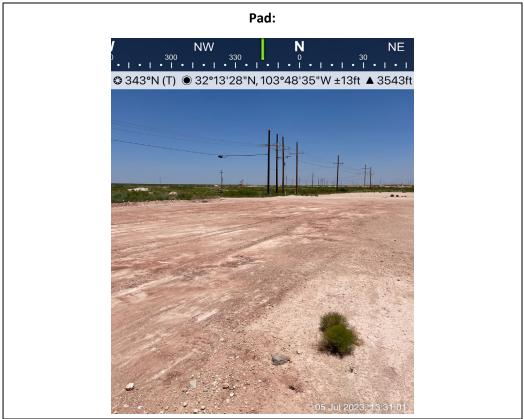






# Excavation







# **Excavation**







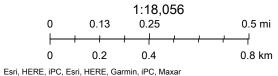
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# NAB1734834805 | PATTON MDP1 18 FEDERAL #005H



7/26/2023, 9:49:38 AM



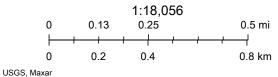
Released to Imaging: 8/23/2023 9:27:01 AM

# NAB1734834805 | PATTON MDP1 18 FEDERAL #005H



7/26/2023, 10:05:00 AM

USGS Historical GW Wells



New Mexico Oil Conservation Division



Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News 🔊

Groundwater levels for the Nation

Important: <u>Next Generation Monitoring Location Page</u>

#### Search Results -- 1 sites found

Agency code = usgs site\_no list =

• 321310103482101

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 321310103482101 24S.31E.17.13120

Eddy County, New Mexico Latitude 32°13'14.1", Longitude 103°48'23.4" NAD83 Land-surface elevation 3,530.00 feet above NGVD29 This well is completed in the Other aquifers (N9999OTHER) national aquifer. This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

output formats							
Table of data							
Tab-separated data							
Graph of data							

Reselect period

Date Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1959-02-03	D	62610		3459.50	NGVD29	Р	Z		
1959-02-03	D	62611		3461.24	NAVD88	Р	Z		
1959-02-03	D	72019	70.50			Р	Z		
1959-03-25	D	62610		3462.33	NGVD29	1	Z		
1959-03-25	D	62611		3464.07	NAVD88	1	Z		
1959-03-25	D	72019	67.67			1	Z		
1976-12-02	D	62610		3463.98	NGVD29	1	Z		
1976-12-02	D	62611		3465.72	NAVD88	1	Z		
1976-12-02	D	72019	66.02			1	Z		
2013-01-17 21:00 UTC	c m	62610		3455.56	NGVD29	1	S	USGS	
2013-01-17 21:00 UTC	c m	62611		3457.30	NAVD88	1	S	USGS	
2013-01-17 21:00 UTC	c m	72019	74.44			1	S	USGS	

Explanation								
Section	Code	Description						
Water-level date-time accuracy	D	Date is accurate to the Day						

Rottins: //wis waterdata usos sovievere ?pig\_no=321310103482101&agency\_cd=USGS&format=html

### Received by 65 CD: 8/22/2023 1:33:40 PM

USGS Groundwater for USA: Water Levels -- 1 sites

Page 21 of 82

20/23, 10.03 AM		USUS Groundwater for USA. Water Levels 1 sites
Section	Code	Description
Water-level date-time accuracy	m	Date is accurate to the Minute
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	Р	Pumping
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Measuring agency	USGS	U.S. Geological Survey
Source of measurement		Not determined
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	А	Approved for publication Processing and review completed.

Questions or Comments Automated retrievals Help Data Tips Explanation of terms Subscribe for system changes News

#### Accessibility FOIA Privacy Policies and Notices U.S. Department of the Interior | U.S. Geological Survey

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

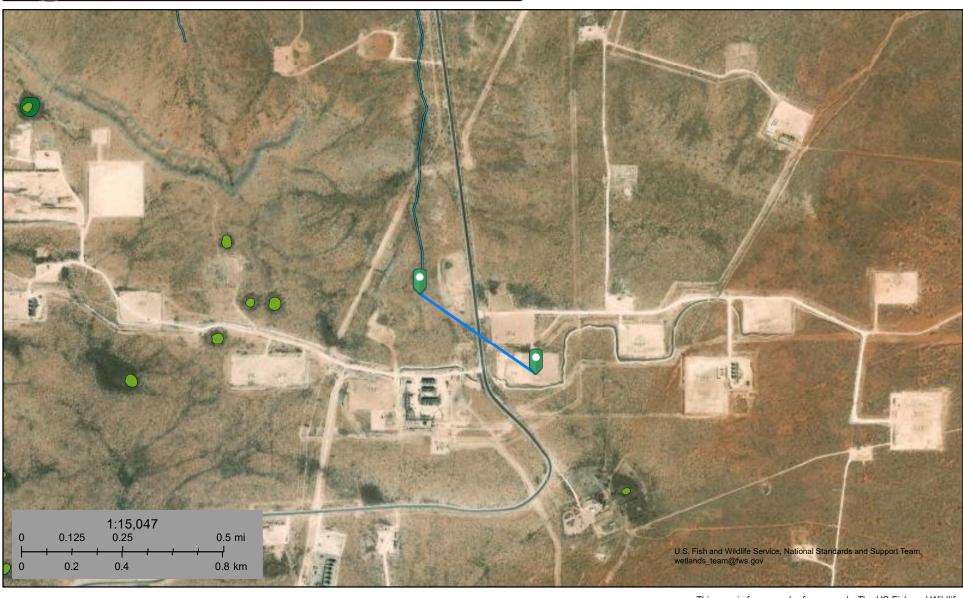
Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2023-07-26 11:57:28 EDT 0.29 0.25 nadww02 USA.gov

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U.S. Fish and Wildlife Service



Page 22 of 82



### July 26, 2023

#### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- **Freshwater Pond**

Lake Other Riverine

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

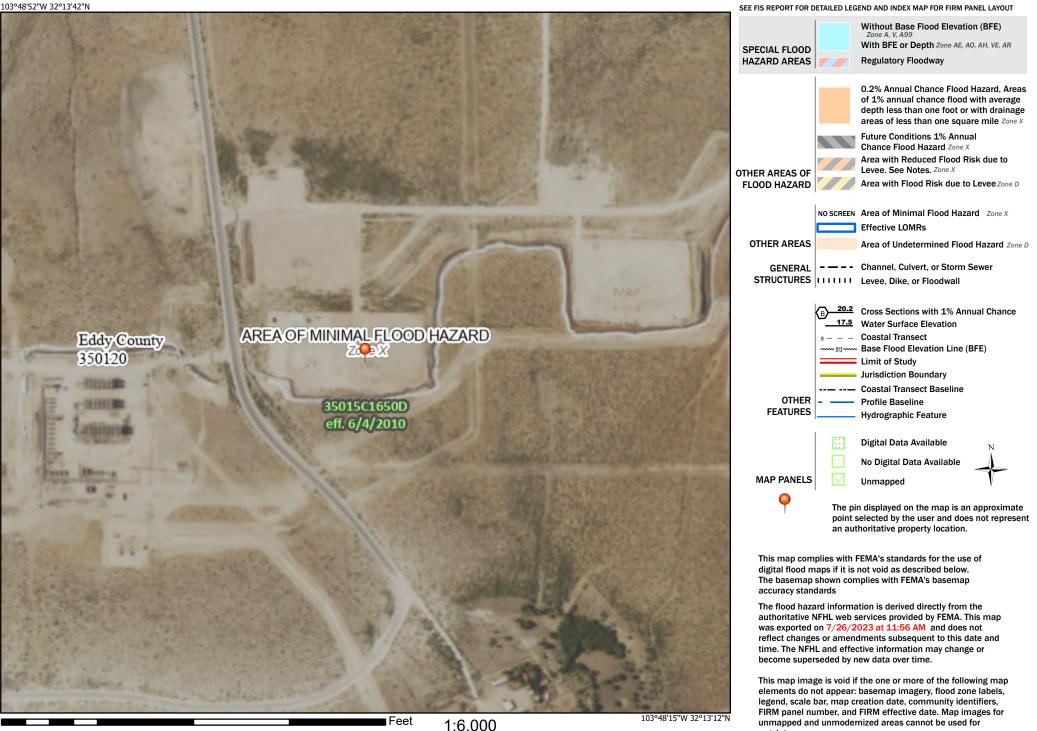
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# Legend

regulatory purposes.

Page 23 of 82

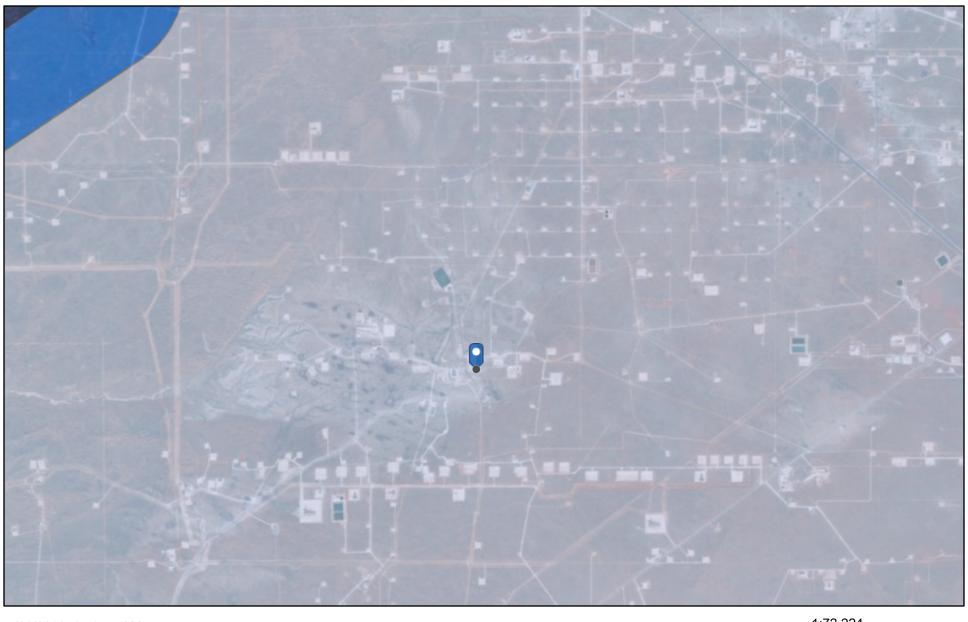


Releasea to Imaging: 8/23/2023 9.927:01 AM 1,500 2.000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Received by OCD: 8/22/2023 1:33:40 PM

# NAB1734834805 | PATTON MDP1 18 FEDERAL #005H



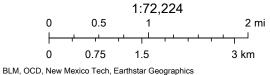
7/26/2023, 9:53:41 AM

High

Karst Occurrence Potential



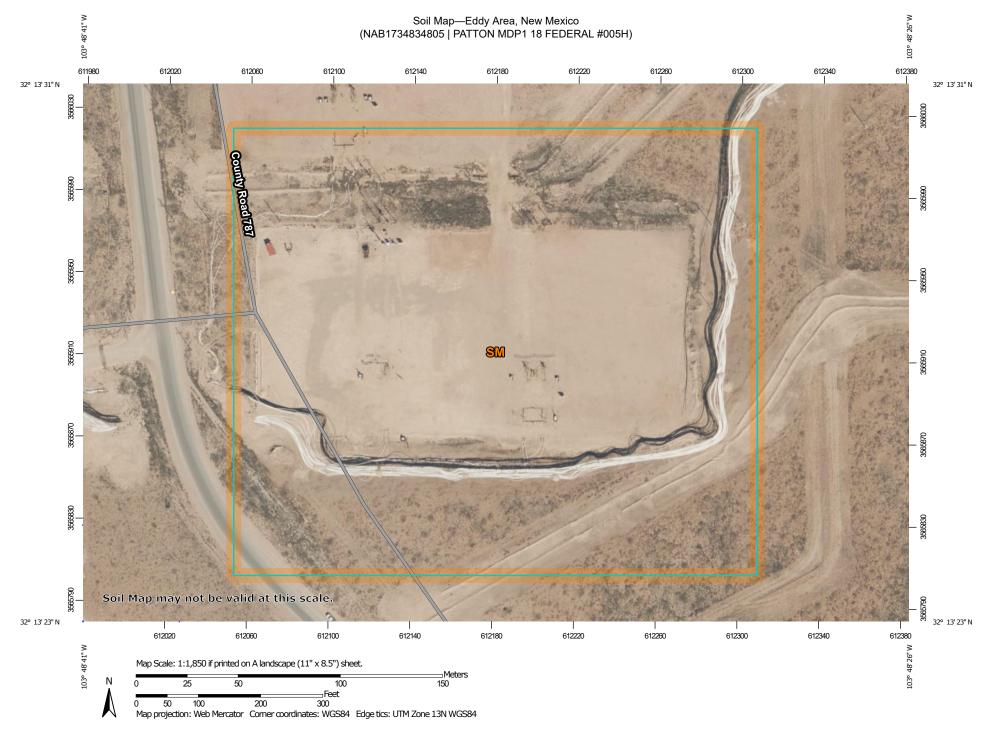
Low



New Mexico Oil Conservation Division

Released to Imaging: 8/23/2023 9:27:01 AM

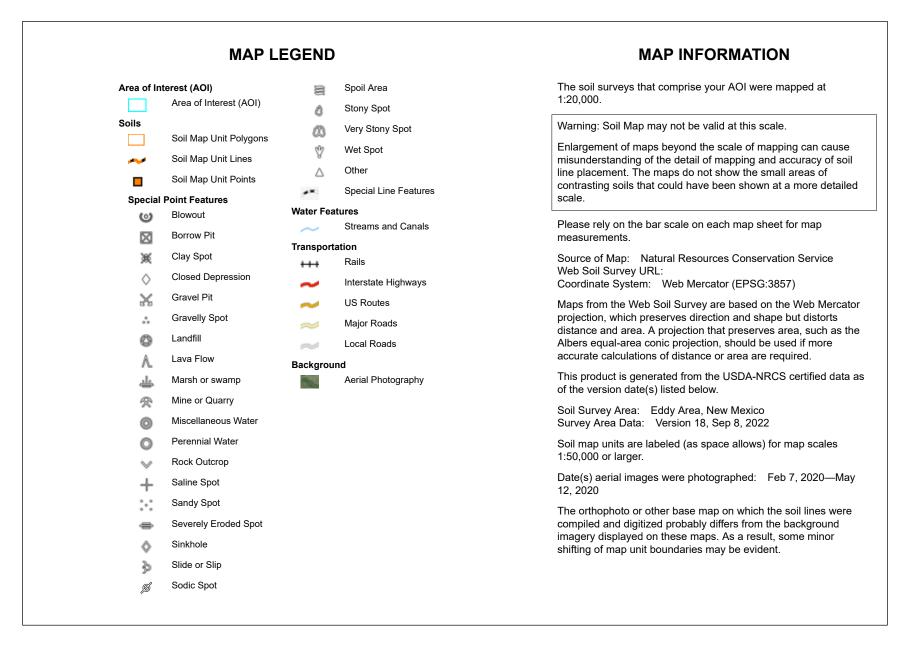
NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division



USDA Natural Resources Conservation Service Released to Imaging: 8/23/2023 9:27:01 AM

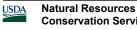
Web Soil Survey National Cooperative Soil Survey 7/26/2023 Page 1 of 3

#### Soil Map—Eddy Area, New Mexico (NAB1734834805 | PATTON MDP1 18 FEDERAL #005H)



# Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SM	Simona-Bippus complex, 0 to 5 percent slopes	13.8	100.0%
Totals for Area of Interest		13.8	100.0%





May 26, 2023

DAN DUNKELBERG TRINITY OILFIELD SERVICES & RENTALS, LLC P. O. BOX 2587 HOBBS, NM 88241

RE: PATTON 18 MDPI 18 FED. 5H

Enclosed are the results of analyses for samples received by the laboratory on 05/23/23 15:50.

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/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/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



DILFIELD SERVICES & RENTALS, LLC	
KELBERG	
2587	
<b>ሳ, 88241</b>	
NONE	
 	OILFIELD SERVICES & RENTALS, LLC IKELBERG < 2587 M, 88241 NONE

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: DH-001.0-01.0-S (H232638-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2023	ND	2.19	110	2.00	7.07	
Toluene*	<0.050	0.050	05/24/2023	ND	2.18	109	2.00	6.39	
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.22	111	2.00	5.41	
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.53	109	6.00	4.95	
Total BTEX	<0.300	0.300	05/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	05/24/2023	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	05/24/2023	ND	211	106	200	5.72	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	216	108	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	126 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	143 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



TRINITY O	ILFIELD SERVICES & RENTALS, LLC
DAN DUNK	ELBERG
P. O. BOX 2	2587
HOBBS NM	, 88241
Fax To:	NONE

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: DH-002.0-01.0-S (H232638-02)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2023	ND	2.19	110	2.00	7.07	
Toluene*	<0.050	0.050	05/24/2023	ND	2.18	109	2.00	6.39	
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.22	111	2.00	5.41	
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.53	109	6.00	4.95	
Total BTEX	<0.300	0.300	05/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	96.0	16.0	05/24/2023	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	05/25/2023	ND	211	106	200	5.72	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	216	108	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					
Surrogate: 1-Chlorooctane	109 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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HOBBS	NM, 88241
Fax To:	NONE

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: DH-003.0-00.5-S (H232638-03)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2023	ND	2.19	110	2.00	7.07	
Toluene*	<0.050	0.050	05/24/2023	ND	2.18	109	2.00	6.39	
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.22	111	2.00	5.41	
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.53	109	6.00	4.95	
Total BTEX	<0.300	0.300	05/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/24/2023	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	05/24/2023	ND	211	106	200	5.72	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	216	108	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	128	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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P. O. BOX	2587
HOBBS NM	, 88241
Fax To:	NONE

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: DH-004.0-00.5-S (H232638-04)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2023	ND	2.19	110	2.00	7.07	
Toluene*	<0.050	0.050	05/24/2023	ND	2.18	109	2.00	6.39	
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.22	111	2.00	5.41	
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.53	109	6.00	4.95	
Total BTEX	<0.300	0.300	05/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	368	16.0	05/24/2023	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	05/24/2023	ND	211	106	200	5.72	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	216	108	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: DH-005.0-00.5-S (H232638-05)

BTEX 8021B	mg,	/kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2023	ND	2.19	110	2.00	7.07	
Toluene*	<0.050	0.050	05/24/2023	ND	2.18	109	2.00	6.39	
Ethylbenzene*	<0.050	0.050	05/24/2023	ND	2.22	111	2.00	5.41	
Total Xylenes*	<0.150	0.150	05/24/2023	ND	6.53	109	6.00	4.95	
Total BTEX	<0.300	0.300	05/24/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 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	144	16.0	05/24/2023	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	05/24/2023	ND	211	106	200	5.72	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	216	108	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	116 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	131	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



-	TRINITY OILFIELD SERVICES & RENTALS, LLC
I	DAN DUNKELBERG
I	P. O. BOX 2587
I	HOBBS NM, 88241
I	Fax To: NONE

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: DH-006.0-01.0-S (H232638-06)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.14	107	2.00	1.00	
Toluene*	<0.050	0.050	05/25/2023	ND	2.15	108	2.00	0.529	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.23	112	2.00	0.448	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.56	109	6.00	0.342	
Total BTEX	<0.300	0.300	05/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	64.0	16.0	05/24/2023	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	05/24/2023	ND	211	106	200	5.72	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	216	108	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	124 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	139 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	LFIELD SERVICES & RENTALS, LLC
DAN DUNKE	LBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: DV-001.0-00.0-S (H232638-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.14	107	2.00	1.00	
Toluene*	<0.050	0.050	05/25/2023	ND	2.15	108	2.00	0.529	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.23	112	2.00	0.448	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.56	109	6.00	0.342	
Total BTEX	<0.300	0.300	05/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	64.0	16.0	05/24/2023	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	05/24/2023	ND	211	106	200	5.72	
DRO >C10-C28*	35.5	10.0	05/24/2023	ND	216	108	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	120 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	141 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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DAN DUNKELBERG						
P. O. BOX 2	.587					
HOBBS NM, 88241						
Fax To:	NONE					

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: DV-001.0-01.0-S (H232638-08)

BTEX 8021B	mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.14	107	2.00	1.00	
Toluene*	<0.050	0.050	05/25/2023	ND	2.15	108	2.00	0.529	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.23	112	2.00	0.448	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.56	109	6.00	0.342	
Total BTEX	<0.300	0.300	05/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	80.0	16.0	05/24/2023	ND	432	108	400	3.77	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/25/2023	ND	211	106	200	5.72	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	216	108	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OIL	LFIELD SERVICES & RENTALS, LLC	
DAN DUNKE	LBERG	
P. O. BOX 2	587	
HOBBS NM,	88241	
Fax To:	NONE	

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: DV-001.0-02.0-S (H232638-09)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.14	107	2.00	1.00	
Toluene*	<0.050	0.050	05/25/2023	ND	2.15	108	2.00	0.529	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.23	112	2.00	0.448	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.56	109	6.00	0.342	
Total BTEX	<0.300	0.300	05/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3	% 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	48.0	16.0	05/24/2023	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	05/25/2023	ND	211	106	200	5.72	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	216	108	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					
Surrogate: 1-Chlorooctane	126 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Fax To: NONE	
HOBBS NM, 88241	
P. O. BOX 2587	
DAN DUNKELBERG	
TRINITY OILFIELD SERVICES & RENTALS, LLC	

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: DV-002.0-00.0-S (H232638-10)

BTEX 8021B	mg/	′kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.14	107	2.00	1.00	
Toluene*	<0.050	0.050	05/25/2023	ND	2.15	108	2.00	0.529	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.23	112	2.00	0.448	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.56	109	6.00	0.342	
Total BTEX	<0.300	0.300	05/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 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	144	16.0	05/24/2023	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	05/25/2023	ND	211	106	200	5.72	
DRO >C10-C28*	<10.0	10.0	05/25/2023	ND	216	108	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	05/25/2023	ND					
Surrogate: 1-Chlorooctane	100 \$	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.7	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



TRINITY OII	LFIELD SERVICES & RENTALS, LLC				
DAN DUNKELBERG					
P. O. BOX 2	587				
HOBBS NM,	88241				
Fax To:	NONE				

Received:	05/23/2023	Sampling Date:	05/23/2023
Reported:	05/26/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: DV-002.0-01.0-S (H232638-11)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/25/2023	ND	2.14	107	2.00	1.00	
Toluene*	<0.050	0.050	05/25/2023	ND	2.15	108	2.00	0.529	
Ethylbenzene*	<0.050	0.050	05/25/2023	ND	2.23	112	2.00	0.448	
Total Xylenes*	<0.150	0.150	05/25/2023	ND	6.56	109	6.00	0.342	
Total BTEX	<0.300	0.300	05/25/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.0	% 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	64.0	16.0	05/24/2023	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	05/24/2023	ND	211	106	200	5.72	
DRO >C10-C28*	<10.0	10.0	05/24/2023	ND	216	108	200	4.35	
EXT DRO >C28-C36	<10.0	10.0	05/24/2023	ND					
Surrogate: 1-Chlorooctane	126 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	142 9	% 49.1-14	8						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

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

Celey D. Keene, Lab Director/Quality Manager

Cardinal cannot accept verbal chances. Please email chances to celev keene@cardinallabsnm.com + Cardinallabsnm.com	City:     Hobs       Project Name:     Pathon #       Project Name:     Pathon 1       Project Name:     XT       Sampler Name:     XT       For LAB USE ONLY     J       Hab J.D.     DH-00       2     DH-00       3     DH-00       4     DH-00       5     DH-00       6     DH-00       7     DH-00       7     DH-00       8     DV-00       9     DV-00
Instruction         Project Owner:         (see below)         City: Fax: Fax: Fax: Fax: Fax: Fax: Fax: Fax	Hobbs
Sample I.D.         MATRIX         PRESERV.         SAM           10-01.0-S         G         1         K         PRESERV.         SAM           2.0-01.0-S         G         1         K         PRESERV.         SAM           3.0-00.5-S         G         1         K         I         SA         Fill         SAM           4.0-00.5-S         G         1         K         I         SA         Fill         SAM           5.0-00.5-S         G         1         K         I         K         I         SA           1.0-01.0-S         G         1         K         I         I         K         I         SA         I         SA         I         SAM         I         I         SA	
NT         From: #:         Phone #:         Fax #:<	
NT         Fax #:         Fax #:         Fax #:         PRESERV         SAMI PRESERV         SAMI           0H-001.0-01.0-S         Sample I.D.         (G) RAB DR (C) OMP.         (G) RAB DR (C) OMP.         Sample C) OTHER         Sample C) I I I I I I I I I I I I I I I I I I	
MATRIX         PRESERV         SAMP           Sample I.D.         (0)RAB OR (C) OMP.         COMP.         Compared to the second of	
Sample I.D.         G(C)OMP.           DH-001.0-01.0-01.0-S         G         1         X         DI           DH-002.0-01.0-S         G         1         X         Sample I.D.         Content of the second s	
Sample I.D.         (G) # GRACION           DH-001.0-01.0-S         G         1         X         I         I         SOLUDI           DH-002.0-01.0-S         G         1         X         I         I         SOLUDI	
DH-001.0-01.0-S       G       1       X       I       S123/2023         DH-002.0-01.0-S       G       1       X       I       I       S123/2023         DH-003.0-00.5-S       G       1       X       I       I       S123/2023         DH-005.0-00.5-S       G       1       X       I       I       S123/2023         DH-006.0-01.0-S       G       1       X       I       I       S123/2023         DH-001.0-01.0-S       G       1       X       I       I       S123/2023         DV-001.0-01.0-S       G       1       X       I       I       S123/2023         DV-001.0-02.0-S       G       1       X       I       I       S123/2023         DV-001.0-02.0-S       G       1       X       I       I       S123/2023         DV-001.0-02.0-S       G       1       X       I       I       S123/2023         DV-002.0-00.0-S       G       1       X       I       I       S123/2023         DV-002.0-00.0-S       G       1       X       I       I       S123/2023         DV-002.0-00.0-S       Formace weak-weaney dam auting weatweatweak on contact or tot shall be limited to	
DH-003.0-00.5-S         G         1         X         I         I         S123/2023           DH-004.0-00.5-S         G         1         X         I         I         S123/2023           DH-006.0-00.0-S         G         1         X         I         I         S123/2023           DV-001.0-00.0-S         G         1         X         I         I         S123/2023           DV-001.0-01.0-S         G         1         X         I         I         S123/2023           DV-001.0-01.0-S         G         1         X         I         I         S123/2023           DV-001.0-02.0-S         G         1         X         I         I         S123/2023           DV-002.0-00.0-S         Tmme:         S123/2023         S123/2023         S123/2023         S123/2023           DV-002.0-00.0-S         Tmme:         S123/2023         S123/2023	
DH-004.0-00.5-S       G       1       X       I       I       S/23/2023         DH-005.0-00.5-S       G       1       X       I       I       S/23/2023         DH-006.0-01.0-S       G       1       X       I       I       S/23/2023         DV-001.0-01.0-S       G       1       X       I       I       S/23/2023         DV-001.0-01.0-S       G       1       X       I       I       S/23/2023         DV-001.0-02.0-S       G       1       X       I       I       S/23/2023         DV-001.0-02.0-S       G       1       X       I       I       S/23/2023         DV-002.0-0.0-S       Forestriat damage, including where the seed in contract or tot, shall be limited to the annotic programmer see in the seed in contract or tot, shall be limited to the annotic program ore shall be demed uone and ore shall be demed	
DH-005.0-00.5-S       G       1       X       I       5/23/20/23         DH-006.0-01.0-S       G       1       X       I       I       5/23/20/23         DV-001.0-00.0-S       G       1       X       I       I       5/23/20/23         DV-001.0-01.0-S       G       1       X       I       I       5/23/20/23         DV-001.0-02.0-S       G       1       X       I       I       5/23/20/23         DV-001.0-02.0-S       G       1       X       I       I       5/23/20/23         DV-002.0-0.0-S       G       1       X       I       I       5/23/20/23         DV-002.0-0.0-S       G       1       X       I       I       5/23/20/23         DV-002.0-0.0-S       G       1       X       I       I       5/23/20/23         DV-002.0-00.0-S       Tomage.craftain habbes include when whend whend whend whend whend in the shared includes to the another the another the another to the another to the another to the	
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rg out of or related to the performance of services hereunder by Cardinal, regardless of whether such daim is based upon any of the above star Mod Ah, h & Time: E One, E One, S - Other: C Corrected Temp. °C 3 Sample Condition C HECKED BY: Cool Intact (Initials) No. No. No. No. No. No. No. No. No. No.	Liability ims incluc ent shall
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Page 14 of 15

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Delivered By: (Circle One) Sampler - UPS - Bus - Other:		<b>Relinquished By:</b>	genarda	Relinquished By:	anayses, you cauris incruounig unose ou magugence and any once cause winascever small ce demake waived unues made in witting and received by Cardinal wittin Judiays anter completion of the applicable service. In no event shall Cardinal be liable for indential or consequential damages, including without limitation unuess made in witting to use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunden 'w, Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the						H232638	Lab I.D.	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name: PATAWI (& MDF)	Project #:	Phone #:	city: Hobbs	Address: 8420 N.	Project Manager: Down Ownhelber 9	Company Name: Trinity
	×		Martin	1 . A	nose for negligence and any on nal be liable for incidental or c sut of or related to the perform	amages. Cardinal's liability an					DN-002.0-01.0-5		Sample I.D.			6	itan is mori			V	N. Dal Paso	Dain Dunke	
Observed Temp. °C S, 7 Corrected Temp. °C S. 3	Time:	Date:	Time:	Date: 5-23-23	onsequental damages, includin ance of services hereunder by	d client's exclusive remedy for a					Ś		e I.D.				8	Project Owne	Fax #:	State:NM	U	lberg	Oilfield Services
5.3		Recei	7	Recei	g without limit Gardinal, rega	any claim aris	_			_	-	_	AB OR (C)O	MP.	1			F: dance		Zip: 8			
Sample Condition Cool Intact Yes Yes No No No		Received By:	Mullat a	Received By	red uniess made in wriung and r ation, business interruptions, los irdless of whether such claim is	ing whether based in contract or					 $\times$	WAST SOIL OIL SLUD		MATRIX	L			Project Owner: dan@trinityoilfrelder		Zip: 882 41			
(Initials)			Hilling .	NNU	eceived by Cardinal within 30 or s of use, or loss of profits incub based upon any of the above a	tort, shall be limited to the am						ICE / 0 OTHE	BASE: COOL	PRESERV.	Fax #:	Phone #:	State: Zip:	City:	Address:	Attn: Wade Dittrich	Company: OXY USA INC	P.O. #:	BILL TO
1: Turnaround Time: Thermometer ID #113 Correction Factor -0.6°C		REMARKS:	R	All Results are	nin 30 days after completion of the its incurred by client, its subsidiarie above stated reasons or otherwise	ount paid by the client for the					5/23) 2023	DATE TIME		SAMPLING						nich	SA INC.		10
Time: ID #113 Ictor -0.6°				ult:	applicable S,	le		 _			 ×		noride	,				_					
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Bacteria (only) Sample Condition Cool Intact Observed Temp. °C Ves Yes Nc No Corrected Temp. °C																							REQUEST
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Sampler - UPS - Bus - Other: TUNIVI-UUD N 3.3 UT/ 10/22

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

Corrected Temp. °C

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July 07, 2023

DAN DUNKELBERG TRINITY OILFIELD SERVICES & RENTALS, LLC P. O. BOX 2587 HOBBS, NM 88241

RE: PATTON 18 MDPI 18 FED. 5H

Enclosed are the results of analyses for samples received by the laboratory on 07/05/23 15:32.

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/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/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,

Whe Singh

Mike Snyder For Celey D. Keene Lab Director/Quality Manager



TRINITY OILFIELD SERVICES & RENTALS, LLC							
DAN DUNKELBERG							
P. O. BOX 2587							
HOBBS NM, 88241							
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Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-001.0-00.0-S (H233425-01)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	48.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	191	95.3	200	4.67	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	196	98.0	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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DAN DUNKE	ELBERG						
P. O. BOX 2	P. O. BOX 2587						
HOBBS NM,	88241						
Fax To:	NONE						

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-002.0-00.0-S (H233425-02)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	16.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	191	95.3	200	4.67	
DRO >C10-C28*	11.1	10.0	07/06/2023	ND	196	98.0	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.9	% 49.1-14	8						

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\*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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DAN DUNKELBERG							
P. O. BOX 2587							
HOBBS NM, 88241							
Fax To:	NONE						

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-003.0-00.0-S (H233425-03)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	96.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	191	95.3	200	4.67	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	196	98.0	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	93.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.5	% 49.1-14	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



TRINITY OII	TRINITY OILFIELD SERVICES & RENTALS, LLC							
DAN DUNKE	DAN DUNKELBERG							
P. O. BOX 2	P. O. BOX 2587							
HOBBS NM,	88241							
Fax To:	NONE							

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: CF-004.0-00.0-S (H233425-04)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	6 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	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	191	95.3	200	4.67	
DRO >C10-C28*	26.0	10.0	07/06/2023	ND	196	98.0	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	98.6	48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	6 49.1-14	8						

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Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	LFIELD SERVICES & RENTALS, LLC
DAN DUNKE	LBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-005.0-00.0-S (H233425-05)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	80.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	191	95.3	200	4.67	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	196	98.0	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	LFIELD SERVICES & RENTALS, LLC
DAN DUNKE	LBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: CF-006.0-00.0-S (H233425-06)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	6 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	240	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	191	95.3	200	4.67	
DRO >C10-C28*	136	10.0	07/06/2023	ND	196	98.0	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	94.4	48.2-13	4						
Surrogate: 1-Chlorooctadecane	105 9	6 49.1-14	8						

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Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	LFIELD SERVICES & RENTALS, LLC
DAN DUNKE	ELBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: CF-007.0-00.0-S (H233425-07)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	128	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d 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	07/06/2023	ND	191	95.3	200	4.67	
DRO >C10-C28*	2250	10.0	07/06/2023	ND	196	98.0	200	9.11	
EXT DRO >C28-C36	767	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	161 9	% 49.1-14	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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[	dan Dunkel	LBERG	
F	P. O. BOX 25	587	
ŀ	HOBBS NM, 8	88241	
F	Fax To:	NONE	

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-008.0-00.0-S (H233425-08)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	384	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	191	95.3	200	4.67	
DRO >C10-C28*	265	10.0	07/06/2023	ND	196	98.0	200	9.11	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-009.0-00.0-S (H233425-09)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	208	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	188	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	120 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	137 9	% 49.1-14	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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DAN DL	JNKELBERG
P. O. B	OX 2587
HOBBS	NM, 88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-010.0-00.0-S (H233425-10)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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P. O. BOX	2587
HOBBS NM	1, 88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-011.0-00.0-S (H233425-11)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	48.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 9	% 49.1-14	8						

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



TRINIT	Y OILFIELD SERVICES & RENTALS, LLC
DAN DI	JNKELBERG
P. O. B	OX 2587
HOBBS	NM, 88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-012.0-00.0-S (H233425-12)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	96.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	37.9	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	99.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	49.1-14	8						

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DAN DUNKE	LBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-013.0-00.0-S (H233425-13)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	80.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	21.7	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	100 \$	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	119 9	% 49.1-14	8						

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DAN DUNKE	ELBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-014.0-00.0-S (H233425-14)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 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	720	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	57.6	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	106 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	122 9	% 49.1-14	8						

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DAN DUNKE	LBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-015.0-00.0-S (H233425-15)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	192	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	974	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	33.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	103 9	% 49.1-14	8						

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P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-016.0-00.0-S (H233425-16)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	400	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	187	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	92.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



TRINITY O	LFIELD SERVICES & RENTALS, LLC
DAN DUNK	ELBERG
P. O. BOX 2	2587
HOBBS NM	, 88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-017.0-00.0-S (H233425-17)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 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	48.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	55.2	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	95.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Mite Sugar

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TRIM	NITY OIL	FIELD SER	VICES & I	RENTALS,	LLC			
DAN	DUNKEL	BERG						
P. O	P. O. BOX 2587							
HOB	BS NM, 8	38241						
Fax	To:	NONE						

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-018.0-00.0-S (H233425-18)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	80.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	96.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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TRINITY OI	LFIELD SERVICES & RENTALS, LLC
DAN DUNKE	LBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-019.0-00.0-S (H233425-19)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 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	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	97.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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TRINITY OI	LFIELD SERVICES & RENTALS, LLC						
DAN DUNKELBERG							
P. O. BOX 2587							
HOBBS NM,	88241						
Fax To:	NONE						

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-020.0-00.0-S (H233425-20)

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	07/06/2023	ND	2.11	106	2.00	1.23	
Toluene*	<0.050	0.050	07/06/2023	ND	2.06	103	2.00	2.18	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.04	102	2.00	1.35	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.15	103	6.00	0.846	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	93.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.2	% 49.1-14	8						

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HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-021.0-00.0-S (H233425-21)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 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	64.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	404	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	95.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-022.0-00.0-S (H233425-22)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 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	608	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.3	% 49.1-14	8						

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DAN DUNKE	LBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-023.0-00.0-S (H233425-23)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	144	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108 9	% 49.1-14	8						

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TRINITY	DILFIELD SERVICES & RENTALS, LLC
DAN DUN	KELBERG
P. O. BOX	2587
HOBBS N	М, 88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-024.0-00.0-S (H233425-24)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	109	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	98.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

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TRINITY OILFIELD SERVICES & RENTALS, LLC	
DAN DUNKELBERG	
P. O. BOX 2587	
HOBBS NM, 88241	
Fax To: NONE	

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-025.0-00.0-S (H233425-25)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	64.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	11.0	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	92.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

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DAN DUNKE	LBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-026.0-00.0-S (H233425-26)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	6 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	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	223	112	200	4.58	
DRO >C10-C28*	33.0	10.0	07/06/2023	ND	220	110	200	4.15	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	87.7	48.2-13	4						
Surrogate: 1-Chlorooctadecane	95.4	49.1-14	8						

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TRINIT	Y OILFIELD SERVICES & RENTALS, LLC
DAN DL	INKELBERG
P. O. B(	DX 2587
HOBBS	NM, 88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-027.0-00.0-S (H233425-27)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 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	96.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	111 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	110 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



TRINITY OIL	FIELD SERVICES & RENTALS, LLC
DAN DUNKE	LBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

#### Sample ID: CF-028.0-00.0-S (H233425-28)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	96.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	114 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	113 9	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



TRINITY OI	LFIELD SERVICES & RENTALS, LLC
DAN DUNKE	LBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-029.0-00.0-S (H233425-29)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 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	16.0	16.0	07/06/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.8	% 49.1-14	8						

#### Cardinal Laboratories

\*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



TRINITY OII	LFIELD SERVICES & RENTALS, LLC
DAN DUNKE	LBERG
P. O. BOX 2	587
HOBBS NM,	88241
Fax To:	NONE

Received:	07/05/2023	Sampling Date:	07/05/2023
Reported:	07/07/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-030.0-00.0-S (H233425-30)

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	07/06/2023	ND	2.23	111	2.00	2.14	
Toluene*	<0.050	0.050	07/06/2023	ND	2.21	111	2.00	1.95	
Ethylbenzene*	<0.050	0.050	07/06/2023	ND	2.10	105	2.00	3.22	
Total Xylenes*	<0.150	0.150	07/06/2023	ND	6.56	109	6.00	3.90	
Total BTEX	<0.300	0.300	07/06/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 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	160	16.0	07/06/2023	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	07/06/2023	ND	214	107	200	3.29	
DRO >C10-C28*	<10.0	10.0	07/06/2023	ND	204	102	200	2.99	
EXT DRO >C28-C36	<10.0	10.0	07/06/2023	ND					
Surrogate: 1-Chlorooctane	110 9	48.2-13	4						
Surrogate: 1-Chlorooctadecane	109 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



# **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

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Mite Sugar

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

	Sampler - UPS - Bus - Other:	Delivered By: (Circle One)		Relinquished By:	genando I um	include and	Relinguished By	service. In no event shall C	PLEASE NOTE: Liability a analyses. All claims includii	0	R	00	5	2	<u></u>	4	N	2	+	Lab I.D.	streeth	FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #:	City:	Address:	Project Manager:	Company Name:	Labo
			-		ZNANMA1			service. In no event shall Cardinal be lable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries attraction or successors arising out of or related to the nerformance of services hereunder by Cardinal, regardises of whether such claim is based upon any of the above stated reasons of otherwise.	PLEASE NOTE: Liability and Damages. Cardinals liability and dients exclusive intributy for any camanisming wreare a eared in contractor on the annume or the annume of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed valved unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed valved unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses.	CF-010.0-00.0-S	CF-009.0-00.0-S	CF-008.0-00.0-S	CF-007.0-00.0-S	CF-006.0-00.0-S	CF-005.0-00.0-S	CF-004.0-00.0-S	3 CF-003.0-00.0-S	CF-002.0-00.0-S	CF-001.0-00.0-S	Sample I.D.			GM		Patton 18 MDPi 18 Fed. 5H			Hobbs	8426 N Dal Paso	Project Manager: Dan Dunkelberg	Trinity Oilfield Services	Laboratories
	Corrected Temp. °CS.2	Observed Temp. °CS, 8	Time:	Date:	Times 32	7-5-23	Date:	uental damages, including with of services hereunder by Can	ause whatsoever shall be dee																dan@trinityoilt	Project Owner:	Fax #:	State: NM 2				101 East Marland, Hobbs, NM 8824 (575) 393-2326 FAX (575) 393-2476
+ Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	No No	Sample Coincidon		Received By:	10111A	1	Received By:	thout limitation, business intern dinal, regardless of whether su	med waived unless made in w	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	# CC GRC WAS SOII		MATRIX			dan@trinityoilfieldservices.com	: (see below)		Zip: 88241			•	101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
t accept verbal	No Y	1		C	all P Dil			uptions, loss of use, or I ich claim is based upon	riting and received by C	contract or tort shall be										OTH ACII	JDGE HER : D/BASE: / COOL HER :	PRESERV.	Fax #:	Phone #:	State:	City:	Address:	Attn:	Company:	P.O. #:		5
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Page 33 of 35

	Sampler - UPS - Bus - Other:	Delivered By: (Circle One)		Relinquished By:	genido	Relinguished By:	analyses. Au claims including thos service. In no event shall Cardinal	PLEASE NOTE: Liability and Dan	20 CF	I I OF	K CF	17 CF				CF.	12 CF	1	Lab I.D.	H233425	FOR LAB USE ONLY	Sampler Name: GM	Project Location:	ame:	Project #:	Phone #:	City: Hobbs	Address: 842	Project Manager: Dan Dunkelberg	Company Name: Trinity Oilfield Services	Labora
				e.	MAMM	athlates or successors ansing out or of manes to use performance or successors and the performance or successors and the performance of the perfor	analyses. As claims including tools for regigence and any other cause wanassen in sum or usernors. As claims including tools for regigence and any other caused and any affect and the subsidiaries. In no event shall Cardinal is lable for incidental or consequental anges, including without limitation, business interruptors, loss of use, or loss of profits incurred by cleint, its subsidiaries, service, in no event shall Cardinal is lable for incidental or consequental anges, including without limitation, business interruptors, loss of use, or loss of profits incurred by cleint, its subsidiaries, service, in no event shall Cardinal is lable for incidental or consequental abertary without interview.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort.	CF-020.0-00.0-S	CF-019.0-00.0-S	CF-018.0-00.0-S	CF-017.0-00.0-S	CF-016.0-00.0-S	CF-015.0-00.0-S	CF-014.0-00.0-S	CF-013.0-00.0-S	CF-012.0-00.0-S	CF-011.0-00.0-S	Sample I.D.					Patton 18 MDPi 18 Fed. 5H			bs	8426 N Dal Paso	Dunkelberg	ity Oilfield Services	Laboratories (57
	Corrected Temp. °CS.2	Observed Temp. °C S. S	Time:	Date:	7-5-45 TIME:32(	Date:	e whatsvever snam ve ve ntal damages, including v services hereunder by Ca	exclusive remedy for an																dan@trinityoil	Project Owner:	Fax #:	State: NM				(575) 393-2326 FAX (575) 393-2476
NO		5.8 Sample Condition		Received By:	Ille	Received By:	vithout limitation, business rdinal, regardless of whet	y claim arising whether ba	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	# CON GROU WAST SOIL	AB OR (C)OMP. INTAINERS JNDWATER FEWATER	MATRIX			dan@trinityoilfieldservices.com	: (see below)		Zip: 88241				(575) 393-2326 FAX (575) 393-2476
					World La		s interruptions, loss of use ther such claim is based u	ased in contract or tort, sh											-		RIX PRESERV.	Fax #:	Phone #:	om State:	City:	Address:	Attn:	Company:	P.O. #:		176
1.	AC.	CHECKED BY: (Initials)	1	1		NNN.	e, or loss of profits incurre pon any of the above sta	shall be limited to the amount paid by the client for the ed by Cardinal within 30 days after completion of the ap	7/5/2023	7/5/2023	7/5/2023	7/5/2023	7/5/2023	7/5/2023	7/5/2023	7/5/2023	7/5/2023	7/5/2023	DATE	ER :				Zip:	-		Wade Dittrich	: OXY USA Inc.		BILL TO	
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Page 34 of 35

	Sampler - UPS - Bus - Other:	Delivered By: (Circle One)		Relinquished By:	gerando /	Relinquished By:	affiliates or successors arising ou	analyses. All claims including tho	PLEASE NOTE: Liability and Day	290	10 80	25 CF		2 CF	34 CF	DO CF	22 CF	21 CF	Lab I.D.	Hazzyas	FOR LAB USE ONLY	Sampler Name: GM	Project Location:	ame:	Project #:	Phone #:	City: Hobbs	Address: 842		Company Name: Trin	Labor
-			e a	8	MUMMY		athlighte or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise	analyses. All claims including those for medigence and any other cause whatsoever shall be userned valved unless made in writing and reserved by Cardinal writin 30 days miter compension in use sepondent reserved have a set of a cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profils incurred by clent, its subsidiaries,	PIEASE NOTE: Labelity and Damages. Cardinal's labelity and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the dent for the	29 CF-029.0-00.0-5	28 CF-028.0-00.0-S	CF-027.0-00.0-S	CF-026.0-00.0-S	CF-025.0-00.0-S	34 CF-624.0-00.0-S	27 CF-023.0-00.0-S	22 CF-022.0-00.0-S	CF-021.0-00.0-S	Sample I.D.			-		Patton 18 MDPi 18 Fed. 5H			sqc	8426 N Dal Paso	n Dunkelberg	Trinity Oilfield Services	Laboratories (57
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+ Cardinal canno	T	Sample Condition		Received By:	JUMUU	Received By:	dinal, regardless of whether su	med waived unless made in w thout limitation, business interr	claim arising whether based in		-			C 1 X	C 1 X	C 1 X	C 1 X	C 1 X	# C GR WA SO OIL		MATRIX			dan@trinityoilfieldservices.com	(see below)		Zip: 88241		- 2		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476
cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com	No 9	/	-	(	MA CAL		uch claim is based upon a	riting and received by Ca ruptions, loss of use, or lo	n contract or tort, shall be										OT AC ICE OT	HER : ID/BASE: E / COOL HER :	PRESERV.	Fax #:	Phone #:		City:	Address:	Attn:	Company: (	P.O. #:		
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August 01, 2023

DAN DUNKELBERG TRINITY OILFIELD SERVICES & RENTALS, LLC P. O. BOX 2587 HOBBS, NM 88241

RE: PATTON 18 MDPI 18 FED. 5H

Enclosed are the results of analyses for samples received by the laboratory on 07/26/23 16:30.

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/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/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



TRINITY OI	FIELD SERVICES & RENTALS, LLC	
DAN DUNKE	LBERG	
P. O. BOX 2	587	
HOBBS NM,	88241	
Fax To:	NONE	
	Dan Dunke P. O. Box 25 Hobbs NM,	TRINITY OILFIELD SERVICES & RENTALS, LLC DAN DUNKELBERG P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received:	07/26/2023	Sampling Date:	07/25/2023
Reported:	08/01/2023	Sampling Type:	Soil
Project Name:	PATTON 18 MDPI 18 FED. 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

# Sample ID: CF-007.0-00.5-S (H233926-01)

BTEX 8021B	mg/	′kg	Analyze	d By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2023	ND	2.04	102	2.00	1.25	
Toluene*	<0.050	0.050	08/01/2023	ND	1.95	97.4	2.00	0.667	
Ethylbenzene*	<0.050	0.050	08/01/2023	ND	2.00	100	2.00	0.443	
Total Xylenes*	<0.150	0.150	08/01/2023	ND	5.90	98.4	6.00	0.191	
Total BTEX	<0.300	0.300	08/01/2023	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 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	112	16.0	07/31/2023	ND	432	108	400	0.00	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/31/2023	ND	198	99.0	200	1.88	
DRO >C10-C28*	16.3	10.0	07/31/2023	ND	189	94.5	200	3.53	
EXT DRO >C28-C36	<10.0	10.0	07/31/2023	ND					
Surrogate: 1-Chlorooctane	101 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

#### Cardinal Laboratories

#### \*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



# **Notes and Definitions**

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/o matrix interference's.			
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			

#### **Cardinal Laboratories**

#### \*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager

AMALYSIS REQUEST	o celey.keene@cardina	changes. Please email changes	† Cardinal cannot accept verbal			
COTICES       for Est Marland, Hobbs, MM 82:40       SULL TO         100 Dilled Services       62.8:       62.8:         100 Dilled Services       62.8:       60.8:         100 Dilled Services       60.8:       60.8:         100 Dilled Services       60.8:       60.9:         100 Dilled Services       60.8:       707.0:         100 Dilled Services       60.8:       707.0:         100 Dilled Services       60.8:       90.0:         100 Dilled Services       60.0:       90.0:         100 Dilled Services       90.0:       90.0:						
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Laboratories         101 East Marland, Hobis, MM 82/40         ENL To           Sinter Trinity Official Services         Fo. 8:         F			Time:			
Laboration         101 East Marland, Hobbs, MM 8240         CHAIN-0           minumy Name:         Trinity Olifield Services         575) 393-2326 FAX (575) 393-2476         581         To           giet Manage:         Barb Dunkelberg         Fax #:         For #: <td< td=""><td></td><td></td><td></td><td>6</td></td<>				6		
Laboration (ST)     101 East Martand, Hobs, MM 8240       Impany Name: Trinity Ollied Services     (ST) 33-222 FAX (ST) 33-2478       Water State: Martine (St) Dal Pago     State: Martine (St) State		REMARKS:				
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CHAIN-O	plicable	Cardinal within 30 days after completion of the ap	be liable for incidental or consequental damages including without limited to be the second by	service, In no event shall Cardina		
CHAIN-0005, NM 88240       CHAIN-00         Jan Durkelberg       State:       NM       Zip:       State:       NM       Zip:       State:       Company:       Company: <td></td> <td>the limited to the amount paid by the client for the</td> <td>se for negligence and any other cause whatsoever shall be down of the down of</td> <td>analyses. All claims including tho</td>		the limited to the amount paid by the client for the	se for negligence and any other cause whatsoever shall be down of the down of	analyses. All claims including tho		
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Interst Marland, Hobbs, NM 88240     CHAIN-O       Name: Trinity Olifield Services     BILL TO       Anager: Dan Dunkelberg     P.O. #:     BILL TO       8426 N Dal Paso     State: NM Zip: 88241     Address:     OXY USA Inc.       Hobbs     Fax #:     Address:     Vade Dittrich       Project Owner:     (see below)     City:     City:		Zin:	dan@trinityoilfieldservices.com			
Interstyle     Interstyle     CHAIN-O       Name: Trinity Olifield Services     BILL TO       Anager: Dan Dunkelberg     P.O. #:     BILL TO       8426 N Dal Paso     State: NM Zip: 88241     Attn:     Vade Dittrich       Hobbs     Fax #:     Address:     Address:			Project Owner: (see below)			
Laboratories     101 East Marland, Hobbs, NM 88240     CHAIN-O       y Name: Trinity Oilfield Services     (575) 393-2326 FAX (575) 393-2476     BILL TO       nanager: Dan Dunkelberg     P.O. #:     BILL TO       8426 N Dal Paso     State: NM Zip: 88241     Atm:     Wade Dittrich				Project #-		
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101 East Marland, Hobbs, NM 88240         CHAIN-O           (575) 393-2326 FAX (575) 393-2476         BILL TO	ANALYSIS REQUEST			Project Manager:		
01 East Marland, Hobbs, NM 88240 575) 393-2326 FAX (575) 393-2476		BILL TO	Trinity Oilfield Services	Company Name:		
101 East Marland, Hobbs, NM 88240			(575) 393-2326 FAX (575) 393-2476			
				Labo		

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

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	255581
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
jharimon	Final remediation and reclamation shall take place in accordance with 19.15.29.12 and 19.15.29.13 NMAC once the site is no longer being used for oil and gas operations.	8/23/2023

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