

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

State of New Mexico  
Energy Minerals and Natural  
Resources Department

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

Incident ID	NAPP2214733218
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party	OXY USA, Inc.	OGRID	16696
Contact Name	Wade Dittrich	Contact Telephone	575-390-2828
Contact email	Wade_Dittrich@oxy.com	Incident #	(assigned by OCD)
Contact mailing address	P.O. Box 4294 Houston TX 77210		

### Location of Release Source

Latitude 32.2721838 Longitude -103.802143  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Gold NC 29 CTB	Site Type	E & P Tank Battery
Date Release Discovered	05/25/2022	API#	(if applicable)

Unit Letter	Section	Township	Range	County
K	29	T23S	R31E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 6	Volume Recovered (bbls) 5
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 7	Volume Recovered (bbls) 5
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

#### Cause of Release


The release was caused when a flowline ruptured while in service.

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Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Wade Dittrich</u>	Title: <u>Environmental Coordinator</u>
Signature: <u></u>	Date: <u>05/27/2022</u>
email: <u>wade_dittrich@oxy.com</u>	Telephone: <u>(575) 390-2828</u>
<b><u>OCD Only</u></b>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>08/22/2022</u>

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Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;103</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

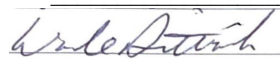
### **Characterization Report Checklist:** *Each of the following items must be included in the report.*

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

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

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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 DittrichTitle: Environmental CoordinatorSignature: Date: 8/16/2022email: Wade\_Dittrich@oxy.comTelephone: 575-390-2828**OCD Only**Received by: Jocelyn HarimonDate: 08/22/2022



Incident ID	NAPP2214733218
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## Remediation Plan

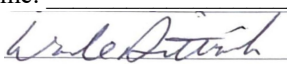
**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

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

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Wade Dittrich Title: Environmental Coordinator  
Signature:  Date: 8/16/2022  
email: Wade\_Dittrich@oxy.com Telephone: 575-390-2828

**OCD Only**

Received by: Jocelyn Harimon Date: 08/22/2022

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## \*\*\*\*\* LIQUID SPILLS - VOLUME CALCULATIONS \*\*\*\*\*

Location of spill: **GOLD NC 29 CTB**

(32.2721838,-103.802143)

Date of Spill: 5/25/2022

Site Soil Type: BB —Berino complex, 0 to 3 percent slopes, eroded

Estimated Daily Production Loss: 6 BBL Oil 7 BBL Water

**Total Area Calculations**

Total Surface Area	width		length		wet soil depth	oil (%)
Rectangle Area #1	30.0 ft	X	30.0 ft	X	1.0 in	46%
Rectangle Area #2	ft	X	ft	X	in	0%
Rectangle Area #3	ft	X	ft	X	in	0%
Rectangle Area #4	ft	X	ft	X	in	0%
Rectangle Area #5	ft	X	ft	X	in	0%
Rectangle Area #6	ft	X	ft	X	in	0%
Rectangle Area #7	ft	X	ft	X	in	0%
Rectangle Area #8	ft	X	ft	X	in	0%

Porosity 0.250 gal per gal

**Saturated Soil Volume Calculations:**

		<b>H2O</b>	<b>OIL</b>
Area #1	900 sq. ft.	41 cu. ft.	35 cu. ft.
Area #2	0 sq. ft.	cu. ft.	cu. ft.
Area #3	0 sq. ft.	cu. ft.	cu. ft.
Area #4	0 sq. ft.	cu. ft.	cu. ft.
Area #5	0 sq. ft.	cu. ft.	cu. ft.
Area #6	0 sq. ft.	cu. ft.	cu. ft.
Area #7	0 sq. ft.	cu. ft.	cu. ft.
Area #8	0 sq. ft.	cu. ft.	cu. ft.
Total Solid/Liquid Volume:	900 sq. ft.	41 cu. ft.	35 cu. ft.

**Estimated Volumes Spilled**

	<b>H2O</b>	<b>OIL</b>
Liquid in Soil:	1.8 BBL	1.5 BBL
Liquid Recovered :	5.0 BBL	5.0 BBL
Spill Liquid	6.8 BBL	6.5 BBL
Total Spill Liquid:	13.3	

**Recovered Volumes**

Estimated oil recovered: 5.0 BBL  
 Estimated water recovered: 5.0 BBL

Soil Type	Porosity
Clay	0.15
Peat	0.40
Glacial Sediments	0.13
Sandy Clay	0.12
Silt	0.16
Loess	0.25
Fine Sand	0.16
Medium Sand	0.25
Coarse Sand	0.26
Gravely Sand	0.26
Fine Gravel	0.26
Medium Gravel	0.25
Coarse Gravel	0.18
Sandstone	0.25
Siltstone	0.18
Shale	0.05
Limestone	0.13
Basalt	0.19
Volcanic Tuff	0.20
Standing Liquids	

# Trinity Oilfield Services & Rentals, LLC



August 16, 2022

Oil Conservation Division, District I  
1625 N. French Drive  
Hobbs, NM 88240

Re: **Request for Approval of Work Plan**  
**Gold NC 26 CTB**  
**Tracking #: NAPP2214733218**

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

Site Information	
Incident ID	NAPP2214733218
Site Name	Gold NC 26 CTB
Company	OXY USA, Inc.
County	Eddy
ULSTR	K-29-23S-31E
GPS Coordinates (NAD 83)	32.2721838,-103.802143
Landowner	Federal

## RELEASE BACKGROUND

On 5/27/2022, OXY USA, Inc. reported a release at the Gold NC 26 CTB. The release was caused when a flowline ruptured while in service. Approximately 2,740 sqFt of the Pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	5/25/2022
Type of Release	Crude Oil and Produced Water
Source of Release	Equipment Failure
Volume Released – Produced Water	7 bbls
Volume Recovered – Produced Water	5 bbls
Volume Released – Crude Oil	6 bbls
Volume Recovered – Crude Oil	5 bbls
Affected Area – Damp Soil	Pasture - Approximately 2,740 sqFt
Site Location Map	Figure 1

## SITE CHARACTERIZATION AND CLOSURE CRITERIA

### Depth to Groundwater/Wellhead Protection:

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	C-04553 POD 1	07/31/2021	103'
USGS	NA	NA	NA
Soil Bore	NA	NA	NA

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 data bases that meets the NMOCD criteria for age of data, 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	Yes

A risk-based site assessment/characterization was performed in accordance with 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:

Site & Pasture 4ft bgs	Recommended Remedial Action Levels (RRALs)
Chlorides	20,000 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 will be applied to the top four feet of the pasture area that was 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 ASSESMENT AND REMEDIATION ACTIVITES

##### Initial Sample Activities:

Delineation Summary	
Delineation Dates	07/26/2022 & 07/27/2022
Depths Sampled	Surface - 5'
Delineation Map	Figure 2
Laboratory Results	Table 1

All soil samples were placed into laboratory supplied glassware, labeled, and maintained on ice until delivery to 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:**

<b>Remediation Proposal</b>	
Remediation Dates	Within 90 Days of Approval
Liner Variance Request	None
Deferral Request	None
Proposed Depths Excavated	4' @ SP-1
Proposed Area of 5-point Confirmation Samples – Floors and Walls	400 sqFt.
Estimated Total Volume of Excavated Soil	203

Impacted soil within the release margins will be excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. The floors of the excavated area will be advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the NMOCD Closure Criteria listed in the Table above, and all walls will be advanced to meet reclamation standard. Confirmation soil samples (five-point composites representing no more than 400 sqFt. of the excavated area) will be 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 will be transported under manifest to a NMOCD-approved disposal facility and the excavated area will be backfilled with locally sourced, non-impacted "like" material.

**SITE RECLAMATION AND RESTORATION**

Areas affected by the release and the associated remediation activities will be restored to a condition which existed prior to the release to the extent practicable. The affected area will be 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 US Bureau of Land Management seed mixture during the first favorable growing season following closure of the site in accordance with the applicable regulatory agency.

**REQUEST FOR CLOSURE**

<b>Supporting Documentation</b>	
C-141, pages 1-5	Signed and Attached
Delineation Map	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 corrective actions will be completed within 90 days of receipt of approval of this proposal by the NMOCD. Upon completion of the proposed tasks, a "Remediation Summary & Closure Request" will be submitted, documenting remediation activities and results of confirmation soil samples.

Trinity Oilfield Services respectfully requests that the New Mexico Oil Conservation Division grant approval for the detailed Remediation Work Plan.

Sincerely,

*Dan Dunkelberg*

Dan Dunkelberg  
Project Manager





## Initial Site Assessment

Pasture:



Pasture:







## Initial Site Assessment

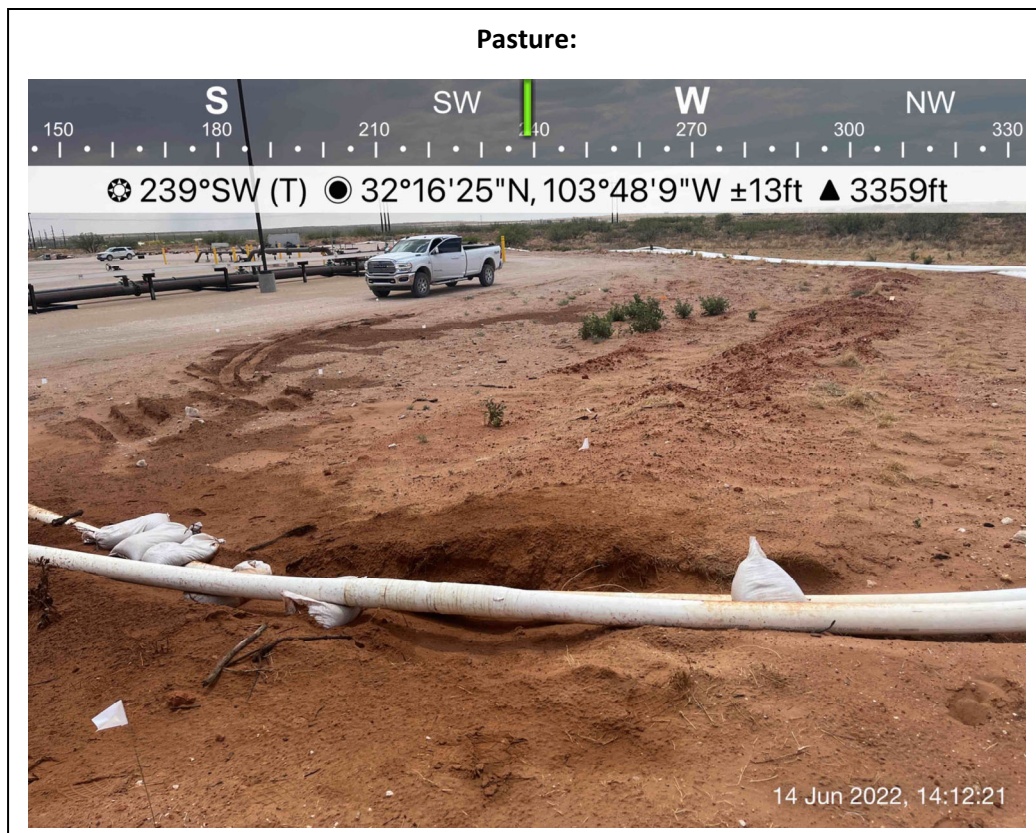
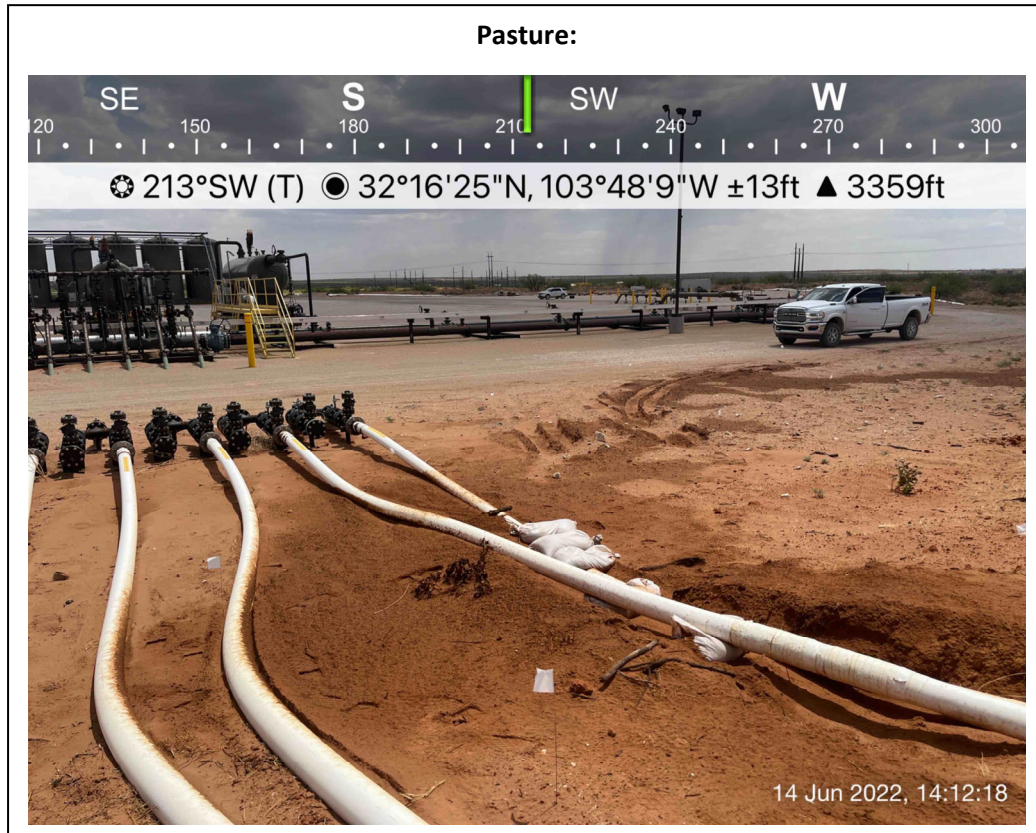


TABLE 1  
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

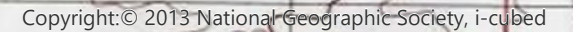
OXY USA, Inc.  
GOLD NC 29 CTB  
EDDY COUNTY, NEW MEXICO  
NMOCD REFERENCE #: NAPP2214733218



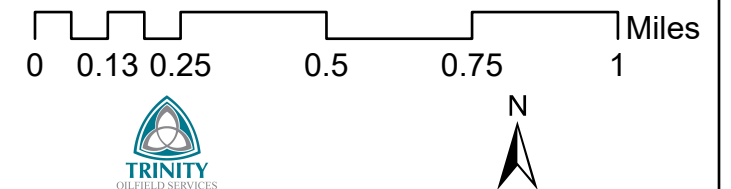
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B						EPA SW-846 Method 8015M					SM4500Cl-B	
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	M,P- XYLENES (mg/Kg)	O- XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+ DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Closure Limits					10	NE	NE	NE	NE	NE	50	NE	NE	NE	NE	100	20,000
Vertical Delineation																	
SP - 2 @ SURFACE	Surface	7/26/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<20	<10.0	<30	16.0
SP - 2 @ 1'	1'	7/26/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<20	<10.0	<30	<16.0
SP - 2 @ 2'	2'	7/26/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<20	<10.0	<30	<16.0
SP - 2 @ 3'	3'	7/26/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<20	<10.0	<30	32.0
SP - 2 @ 4'	4'	7/26/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<20	<10.0	<30	<16.0
SP - 1 @ SURFACE	Surface	7/27/2022	Grab	In-Situ	<0.050	0.167	0.210	-	-	2.60	2.98	321	8860	9181	1460	10641	2240
SP - 1 @ 1'	1'	7/27/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	355	365	97.6	462.6	2320
SP - 1 @ 2'	2'	7/27/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	89.4	99	19.0	118.4	2160
SP - 1 @ 3'	3'	7/27/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	156	166	28.2	194.2	3000
SP - 1 @ 4'	4'	7/27/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	80.1	90	13.4	103.5	4200
SP - 1 @ 5'	5'	7/27/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	45.2	55	<10.0	<65	32.0
Horizontal Delineation																	
SP - 1 W @ 1'	1'	7/27/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<20	<10.0	<30	32.0
SP - 1 N @ 1'	1'	7/27/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<20	<10.0	<30	<16.0
SP - 1 E @ 1'	1'	7/27/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<20	<10.0	<30	<16.0
SP - 2 E @ 1'	1'	7/27/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<20	<10.0	<30	32.0
SP - 2 S @ 1'	1'	7/27/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<20	<10.0	<30	32.0
SP - 2 W @ 1'	1'	7/27/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<20	<10.0	<30	32.0

Concentrations in **BOLD** exceed the NMOCD Closure Limit






**Figure 1**  
**Site Location Map**  
**OXY USA, Inc.**  
**Gold NC 29 CTB**  
**Eddy County, New Mexico**  
**NMOCD Reference # NAPP2214733218**





<p><b>Legend:</b></p> <ul style="list-style-type: none"><li>● Sample Point</li><li>■ Affected Area</li></ul>	<p><b>Figure 2</b> <b>Initial Delineation Map</b> <b>OXY USA, Inc.</b> <b>Gold NC 29 CTB</b> <b>Eddy County, New Mexico</b> <b>NMOCD Reference # NAPP2214733218</b></p>	<p>0 10 20 40 60 80 Feet</p> <p> <b>TRINITY</b> OILFIELD SERVICES</p> <p>N</p>
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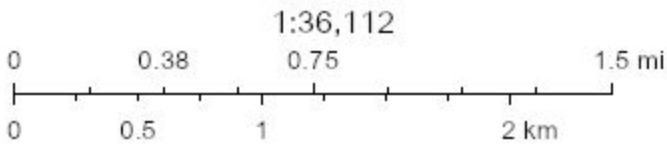
NAPP2214733218 | GOLD NC 29 CTB



8/16/2022, 12:54:02 PM

Karst Occurrence Potential

- Medium
- Low



BLM, OCD, New Mexico Tech, Maxar



OXY GOLD NC 29 CTB



8/30/2021, 7:50:35 AM

GIS WATERS PODs

Pending

OSE District Boundary

New Mexico State Trust Lands

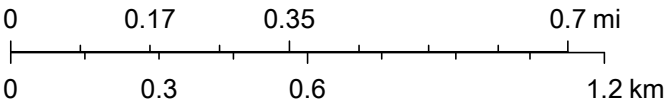
Subsurface Estate

Both Estates



Site Boundaries

1:18,056

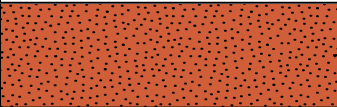
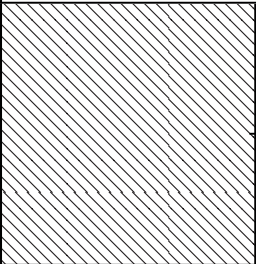
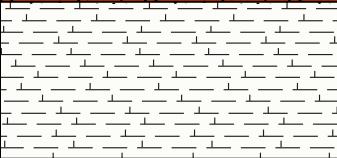
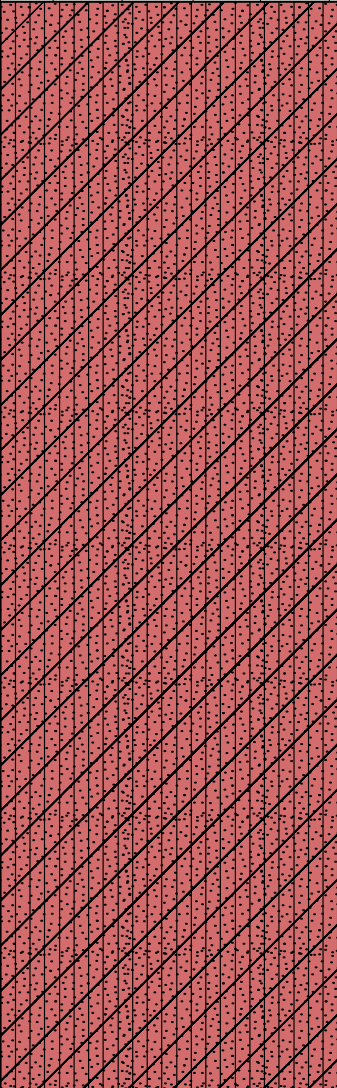
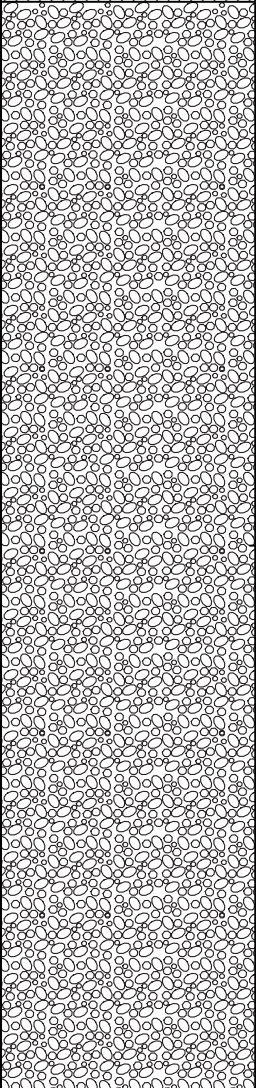


Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar





BOREHOLE LOG C-4553 POD 1

<b>PROJECT NUMBER</b> C-4553 POD 1		<b>DRILLING DATE</b> 7/30/2021		<b>COORDINATES</b> 32.27335 N, -103.78742	
<b>PROJECT NAME</b> Soil Boring - DTG		<b>TOTAL DEPTH</b> 103 feet		<b>COORD SYS</b> WGS 84	
<b>CLIENT</b> OXY USA, Inc		<b>DIAMETER</b> 8-3/4"		<b>COMPLETION</b> Plugged and Abandoned	
<b>ADDRESS</b> PO Box 4294, Houston TX 77210		<b>CASING</b> uPVC		<b>SURFACE ELEVATION</b> 3357 ft MSL	
<b>LICENCE NO.</b> WD-1035 Edd Coffey		<b>SCREEN</b> uPVC Manually Slotted			
<b>COMMENTS</b> South of large mesquite bush - west side of pad				<b>LOGGED BY</b> John Farrell P.G.	
				<b>CHECKED BY</b> Dan Dunkelburg	
<b>Graphic Log</b>	<b>Material Description</b>	<b>Plugging Diagram</b>		<b>Elevation (ft)</b>	
	Sand, red, dry	 10 Haliburton Hole Plug + 5 gal water/bag		5	
	Caliche, white, dry			10	
	Claystone, silty, reddish orange, dry	 backfill		15	
				20	
				25	
				30	
				35	
				40	
				45	
				50	
				55	
				60	
65					
70					
75					
80					
85					
90					
95					
100					
Termination Depth at: 103 feet					

Disclaimer This bore log is intended for environmental not geotechnical purposes.



NAPP2214733218 | GOLD NC 29 CTB



August 17, 2022

**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.



# National Flood Hazard Layer FIRMette



103°48'26"W 32°16'35"N



## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

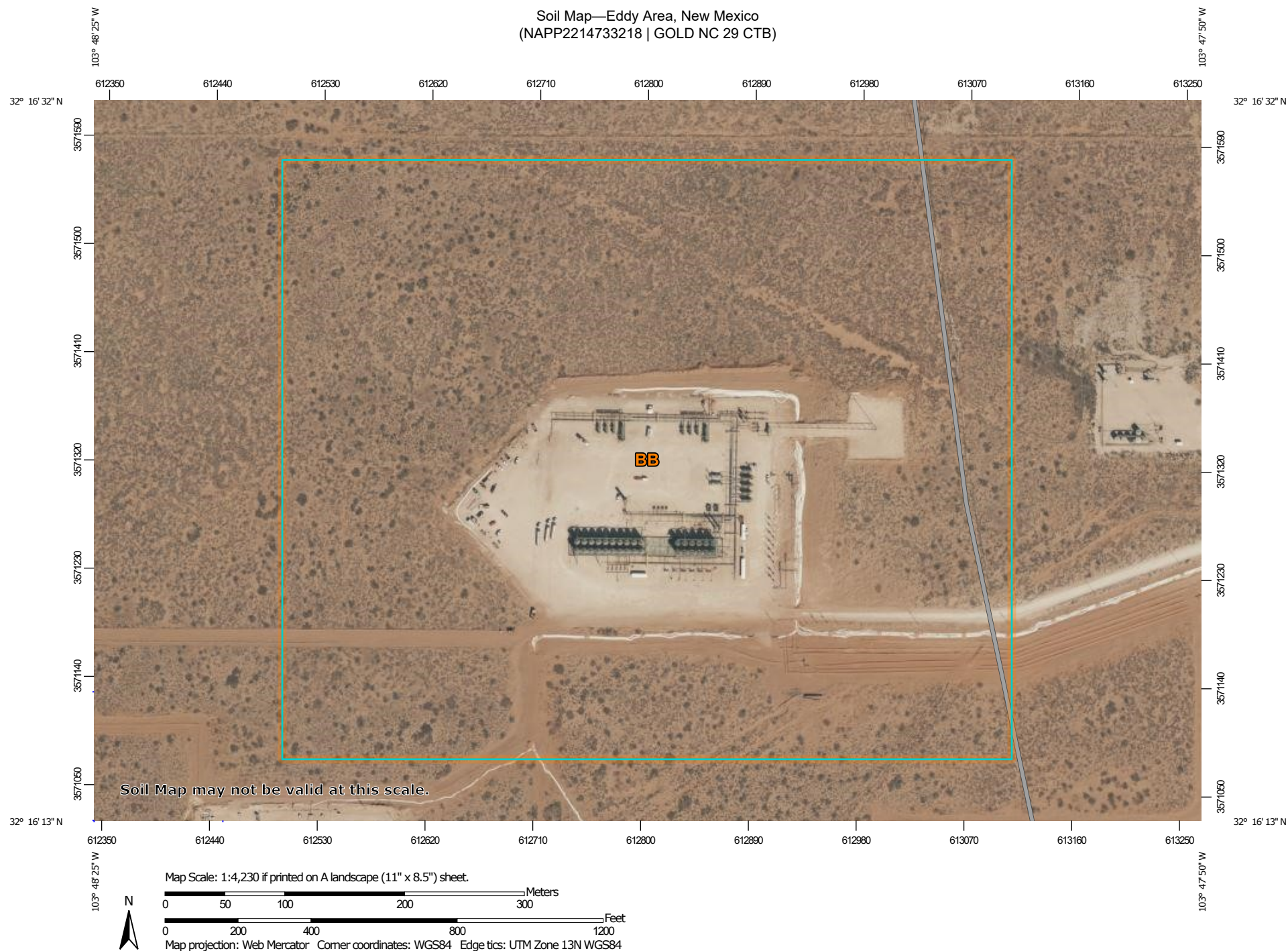
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **8/16/2022 at 5:11 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



Soil Map—Eddy Area, New Mexico  
(NAPP2214733218 | GOLD NC 29 CTB)



Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey


8/17/2022  
Page 1 of 3



Soil Map—Eddy Area, New Mexico  
(NAPP2214733218 | GOLD NC 29 CTB)

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 17, Sep 12, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	75.3	100.0%
Totals for Area of Interest		75.3	100.0%



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

August 01, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: GOLD NC 29 CTB

Enclosed are the results of analyses for samples received by the laboratory on 07/26/22 15:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 07/26/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 2 @ SURFACE (H223290-01)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/28/2022	ND	1.94	97.2	2.00	0.114	
Toluene*	<0.050	0.050	07/28/2022	ND	2.12	106	2.00	1.16	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.07	103	2.00	0.334	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.45	107	6.00	1.19	
Total BTEX	<0.300	0.300	07/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/28/2022	ND	416	104	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	07/28/2022	ND	215	107	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	219	110	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 43-149

Surrogate: 1-Chlorooctadecane 81.4 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/26/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 2 @ 1' (H223290-02)**

BTX 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	07/28/2022	ND	1.94	97.2	2.00	0.114	
Toluene*	<0.050	0.050	07/28/2022	ND	2.12	106	2.00	1.16	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.07	103	2.00	0.334	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.45	107	6.00	1.19	
Total BTX	<0.300	0.300	07/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/28/2022	ND	416	104	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	07/28/2022	ND	215	107	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	219	110	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 43-149

Surrogate: 1-Chlorooctadecane 83.6 % 42.5-161

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/26/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 2 @ 2' (H223290-03)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/28/2022	ND	1.94	97.2	2.00	0.114		
Toluene*	<0.050	0.050	07/28/2022	ND	2.12	106	2.00	1.16		
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.07	103	2.00	0.334		
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.45	107	6.00	1.19		
Total BTEx	<0.300	0.300	07/28/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/28/2022	ND	416	104	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	07/28/2022	ND	215	107	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	219	110	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 43-149

Surrogate: 1-Chlorooctadecane 90.8 % 42.5-161

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/26/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 2 @ 3' (H223290-04)**

BTX 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	07/28/2022	ND	1.94	97.2	2.00	0.114	
Toluene*	<0.050	0.050	07/28/2022	ND	2.12	106	2.00	1.16	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.07	103	2.00	0.334	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.45	107	6.00	1.19	
Total BTX	<0.300	0.300	07/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/28/2022	ND	416	104	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	07/28/2022	ND	215	107	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	219	110	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 43-149

Surrogate: 1-Chlorooctadecane 89.2 % 42.5-161

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/26/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/26/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: SP - 2 @ 4' (H223290-05)**

BTX 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	07/28/2022	ND	1.94	97.2	2.00	0.114	
Toluene*	<0.050	0.050	07/28/2022	ND	2.12	106	2.00	1.16	
Ethylbenzene*	<0.050	0.050	07/28/2022	ND	2.07	103	2.00	0.334	
Total Xylenes*	<0.150	0.150	07/28/2022	ND	6.45	107	6.00	1.19	
Total BTX	<0.300	0.300	07/28/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/28/2022	ND	416	104	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	07/28/2022	ND	215	107	200	2.65	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	219	110	200	2.76	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 43-149

Surrogate: 1-Chlorooctadecane 84.0 % 42.5-161

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
A-01	Ending CCV failed high for DRO. All samples were ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

---

Celey D. Keene, Lab Director/Quality Manager

Page 8 of 8



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

August 01, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: GOLD NC 29 CTB

Enclosed are the results of analyses for samples received by the laboratory on 07/27/22 14:58.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 1 @ SURFACE (H223314-01)**

BTX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2022	ND	2.06	103	2.00	0.939	
Toluene*	0.167	0.050	07/29/2022	ND	2.15	108	2.00	1.88	GC-NC1
Ethylbenzene*	0.210	0.050	07/29/2022	ND	2.22	111	2.00	1.70	GC-NC1
Total Xylenes*	2.60	0.150	07/29/2022	ND	6.80	113	6.00	2.21	GC-NC1
Total BTX	2.98	0.300	07/29/2022	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 281 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	07/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	321	10.0	07/28/2022	ND	199	99.6	200	0.0608	
DRO >C10-C28*	8860	10.0	07/28/2022	ND	212	106	200	0.239	
EXT DRO >C28-C36	1460	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 139 % 43-149

Surrogate: 1-Chlorooctadecane 183 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 1 @ 1' (H223314-02)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2022	ND	2.06	103	2.00	0.939	
Toluene*	<0.050	0.050	07/29/2022	ND	2.15	108	2.00	1.88	
Ethylbenzene*	<0.050	0.050	07/29/2022	ND	2.22	111	2.00	1.70	
Total Xylenes*	<0.150	0.150	07/29/2022	ND	6.80	113	6.00	2.21	
Total BTEX	<0.300	0.300	07/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	07/29/2022	ND	432	108	400	0.00		

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	07/28/2022	ND	199	99.6	200	0.0608	
DRO >C10-C28*	355	10.0	07/28/2022	ND	212	106	200	0.239	
EXT DRO >C28-C36	97.6	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 43-149

Surrogate: 1-Chlorooctadecane 117 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 1 @ 2' (H223314-03)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/29/2022	ND	2.06	103	2.00	0.939	
Toluene*	<0.050	0.050	07/29/2022	ND	2.15	108	2.00	1.88	
Ethylbenzene*	<0.050	0.050	07/29/2022	ND	2.22	111	2.00	1.70	
Total Xylenes*	<0.150	0.150	07/29/2022	ND	6.80	113	6.00	2.21	
Total BTEx	<0.300	0.300	07/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	07/29/2022	ND	432	108	400	0.00		

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	07/28/2022	ND	199	99.6	200	0.0608	
DRO >C10-C28*	89.4	10.0	07/28/2022	ND	212	106	200	0.239	
EXT DRO >C28-C36	19.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 77.1 % 43-149

Surrogate: 1-Chlorooctadecane 90.0 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 1 @ 3' (H223314-04)**

BTX 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	07/29/2022	ND	2.06	103	2.00	0.939	
Toluene*	<0.050	0.050	07/29/2022	ND	2.15	108	2.00	1.88	
Ethylbenzene*	<0.050	0.050	07/29/2022	ND	2.22	111	2.00	1.70	
Total Xylenes*	<0.150	0.150	07/29/2022	ND	6.80	113	6.00	2.21	
Total BTX	<0.300	0.300	07/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	07/29/2022	ND	432	108	400	0.00		

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	07/28/2022	ND	199	99.6	200	0.0608	
DRO >C10-C28*	156	10.0	07/28/2022	ND	212	106	200	0.239	
EXT DRO >C28-C36	28.2	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 43-149

Surrogate: 1-Chlorooctadecane 93.7 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 1 @ 4' (H223314-05)**

BTX 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	07/29/2022	ND	2.06	103	2.00	0.939	
Toluene*	<0.050	0.050	07/29/2022	ND	2.15	108	2.00	1.88	
Ethylbenzene*	<0.050	0.050	07/29/2022	ND	2.22	111	2.00	1.70	
Total Xylenes*	<0.150	0.150	07/29/2022	ND	6.80	113	6.00	2.21	
Total BTX	<0.300	0.300	07/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4200	16.0	07/29/2022	ND	432	108	400	0.00		

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	07/28/2022	ND	199	99.6	200	0.0608	
DRO >C10-C28*	80.1	10.0	07/28/2022	ND	212	106	200	0.239	
EXT DRO >C28-C36	13.4	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 75.5 % 43-149

Surrogate: 1-Chlorooctadecane 88.3 % 42.5-161

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**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 1 @ 5' (H223314-06)**

BTX 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	07/29/2022	ND	2.09	104	2.00	0.395	
Toluene*	<0.050	0.050	07/29/2022	ND	2.19	110	2.00	0.0389	
Ethylbenzene*	<0.050	0.050	07/29/2022	ND	2.26	113	2.00	0.542	
Total Xylenes*	<0.150	0.150	07/29/2022	ND	6.91	115	6.00	0.975	
Total BTX	<0.300	0.300	07/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/29/2022	ND	432	108	400	0.00	

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	07/28/2022	ND	179	89.6	200	5.41	
DRO >C10-C28*	45.2	10.0	07/28/2022	ND	183	91.4	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 43-149

Surrogate: 1-Chlorooctadecane 88.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 1 W @ 1' (H223314-07)**

BTX 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	07/29/2022	ND	2.09	104	2.00	0.395	
Toluene*	<0.050	0.050	07/29/2022	ND	2.19	110	2.00	0.0389	
Ethylbenzene*	<0.050	0.050	07/29/2022	ND	2.26	113	2.00	0.542	
Total Xylenes*	<0.150	0.150	07/29/2022	ND	6.91	115	6.00	0.975	
Total BTX	<0.300	0.300	07/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/29/2022	ND	432	108	400	0.00		

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	07/28/2022	ND	179	89.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	183	91.4	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 43-149

Surrogate: 1-Chlorooctadecane 92.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 1 N @ 1' (H223314-08)**

BTX 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	07/29/2022	ND	2.09	104	2.00	0.395	
Toluene*	<0.050	0.050	07/29/2022	ND	2.19	110	2.00	0.0389	
Ethylbenzene*	<0.050	0.050	07/29/2022	ND	2.26	113	2.00	0.542	
Total Xylenes*	<0.150	0.150	07/29/2022	ND	6.91	115	6.00	0.975	
Total BTX	<0.300	0.300	07/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2022	ND	432	108	400	0.00		

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	07/28/2022	ND	179	89.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	183	91.4	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 43-149

Surrogate: 1-Chlorooctadecane 88.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 1 E @ 1' (H223314-09)**

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	07/29/2022	ND	2.09	104	2.00	0.395		
Toluene*	<0.050	0.050	07/29/2022	ND	2.19	110	2.00	0.0389		
Ethylbenzene*	<0.050	0.050	07/29/2022	ND	2.26	113	2.00	0.542		
Total Xylenes*	<0.150	0.150	07/29/2022	ND	6.91	115	6.00	0.975		
Total BTEx	<0.300	0.300	07/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/29/2022	ND	432	108	400	0.00		

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	07/28/2022	ND	179	89.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	183	91.4	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 43-149

Surrogate: 1-Chlorooctadecane 87.3 % 42.5-161

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 2 E @ 1' (H223314-10)**

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	07/29/2022	ND	2.09	104	2.00	0.395	
Toluene*	<0.050	0.050	07/29/2022	ND	2.19	110	2.00	0.0389	
Ethylbenzene*	<0.050	0.050	07/29/2022	ND	2.26	113	2.00	0.542	
Total Xylenes*	<0.150	0.150	07/29/2022	ND	6.91	115	6.00	0.975	
Total BTEX	<0.300	0.300	07/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/29/2022	ND	432	108	400	0.00		

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	07/28/2022	ND	179	89.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	07/28/2022	ND	183	91.4	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	07/28/2022	ND					

Surrogate: 1-Chlorooctane 74.5 % 43-149

Surrogate: 1-Chlorooctadecane 82.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 2 S @ 1' (H223314-11)**

BTX 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	07/29/2022	ND	2.09	104	2.00	0.395	
Toluene*	<0.050	0.050	07/29/2022	ND	2.19	110	2.00	0.0389	
Ethylbenzene*	<0.050	0.050	07/29/2022	ND	2.26	113	2.00	0.542	
Total Xylenes*	<0.150	0.150	07/29/2022	ND	6.91	115	6.00	0.975	
Total BTX	<0.300	0.300	07/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/29/2022	ND	432	108	400	0.00		

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	07/29/2022	ND	179	89.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	07/29/2022	ND	183	91.4	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	07/29/2022	ND					

Surrogate: 1-Chlorooctane 74.4 % 43-149

Surrogate: 1-Chlorooctadecane 83.2 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 07/27/2022  
 Reported: 08/01/2022  
 Project Name: GOLD NC 29 CTB  
 Project Number: NOT GIVEN  
 Project Location: OXY - EDDY CO NM

Sampling Date: 07/27/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Jodi Henson

**Sample ID: SP - 2 W @ 1' (H223314-12)**

BTX 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	07/29/2022	ND	2.09	104	2.00	0.395	
Toluene*	<0.050	0.050	07/29/2022	ND	2.19	110	2.00	0.0389	
Ethylbenzene*	<0.050	0.050	07/29/2022	ND	2.26	113	2.00	0.542	
Total Xylenes*	<0.150	0.150	07/29/2022	ND	6.91	115	6.00	0.975	
Total BTX	<0.300	0.300	07/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	07/29/2022	ND	432	108	400	0.00		

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	07/29/2022	ND	179	89.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	07/29/2022	ND	183	91.4	200	9.01	
EXT DRO >C28-C36	<10.0	10.0	07/29/2022	ND					

Surrogate: 1-Chlorooctane 69.6 % 43-149

Surrogate: 1-Chlorooctadecane 77.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



<b>CARDINAL Laboratories</b> 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		<b>CHAIN-OF-CUSTODY AND ANALYSIS REQUEST</b>	
Company Name: Trinity Oilfield Services Project Manager: Dan Dunkelberg Address: 8426 N Dal Paso City: Hobbs State: NM Zip: 88241 Phone #: Project #: Project Name: Gold NC 29 CTB Project Location: Eddy Co., NM Sampler Name: RS		P.O. #: Company: OXY USA, Inc. Attn: Wade Dietrich Address: City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY Lab I.D. <b>H22334</b>		Sample I.D. (GIRAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	
SP-1 @ Surface SP-1 @ 1' SP-1 @ 2' SP-1 @ 3' SP-1 @ 4' SP-1 @ 5' SP-1 W @ 1' SP-1 N @ 1' SP-1 E @ 1' SP-2 E @ 1'		DATE TIME Chloride TPH BTEX	
Relinquished By: Date: 7-27-22 Time: 4:58		Received By: <b>Scott Henderson</b> Date: Time:	
Relinquished By: Date: Time:		Received By: Date: Time:	
Delivered By: (Circle One) UPS - Bus - Other:		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked BY: <b>HA</b> Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Corrected Temp. °C 37.7		Thermometer ID #113 Correction Factor: <b>-0.4</b> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C	

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinalbsnm.com

 <b>CARDINAL</b> Laboratories		101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476		<b>CHAIN-OF-CUSTODY AND ANALYSIS REQUEST</b>	
Company Name: Trinity Oilfield Services				BILL TO	
Project Manager: Dan Dunkelberg				P.O. #:	
Address: 8426 N Dal Paso				Company: OXY USA, Inc.	
City: Hobbs				Attn: Wade Dietrich	
State: NM Zip: 88241				Address:	
Phone #:				City:	
Project #:				Project Owner: (see below)	
Project Name: Gold NC 29 CTB				dan@trinityoilfieldservices.com	
Project Location: Eddy Co., NM				State: Zip:	
Sampler Name: RS				Phone #: Fax #:	
FOR LAB USE ONLY				MATRIX PRESERV. SAMPLING	
Lab I.D. <b>H223314</b> Sample I.D.				(G)RAB OR (C)OMP. # CONTAINERS	
11 SP-2-S @ 1'				GROUNDWATER WASTEWATER SOIL OIL SLUDGE	
12 SP-2-W @ 1'				OTHER: ACID/BASE: ICE / COOL OTHER:	
DATE TIME				DATE TIME	
7/21/2022 7:20				7/21/2022 7:25	
Chloride				TPH	
BTEX				Add'l Phone #:	
Verbal Result:				Yes No	
Received By: <i>[Signature]</i>				All Results are emailed. Please provide Email address:	
Relinquished By: <i>[Signature]</i>				REMARKS:	
Date: 7-27-22 Time: 14:58				Turnaround Time:	
Delivered By: (Circle One)				Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
Sampler - UPS - Bus - Other:				Bacteria (only) Sample Condition	
Observed Temp. °C 38.3				Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Corrected Temp. °C				Observed Temp. °C	

† Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinalabnm.com

Incident ID	NAPP2214733218
District RP	
Facility ID	
Application ID	

## Remediation Plan

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

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

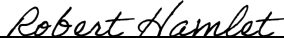
**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Wade DittrichTitle: Environmental CoordinatorSignature: Date: 8/16/2022email: Wade\_Dittrich@oxy.comTelephone: 575-390-2828**OCD Only**Received by: Jocelyn HarimonDate: 08/22/2022

☐ Approved ☒ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: Date: 11/23/2022

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 136556

**CONDITIONS**

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 136556
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The variance to allow for 400 ft2 confirmation floor samples is denied. Confirmation samples should be collected every 200 ft2. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and less than 100 mg/kg for TPH. The work will need to occur in 90 days after the work plan has been approved.	11/23/2022