

Incident ID	NAPP2214733218
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.

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 04/17/2023
 email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Robert Hamlet Date: 9/5/2023

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

Closure Approved by:  Date: 9/5/2023
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

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

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

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

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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.

State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input 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>
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>08/22/2022</u>

Incident ID	NAPP2214733218
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Site Assessment/Characterization

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

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

State of New Mexico
Oil Conservation Division

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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

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.

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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: _____

Incident ID	NAPP2214733218
District RP	
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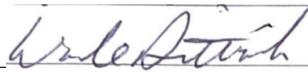
Closure

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Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 04/17/2023
 email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Trinity Oilfield Services & Rentals, LLC



April 17th, 2023

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

Re: **Closure Request**
Gold NC 29 CTB
Tracking #: NAPP2214733218

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	NAPP2214733218
Site Name	Gold NC 29 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 29 CTB. The release was caused when a flowline ruptured while in service. Approximately 1,952 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 1,952 sqft.
Site Location Map	Attached

SITE CHARACTERIZATION AND CLOSURE CRITERIA**Depth to Groundwater/Wellhead Protection:**

Data Source	Well Number	Data Date	Depth (ft.)
NM OSE	C-04553 POD 1	7/31/2021	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 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	Yes

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	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 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	07/26/2022 & 07/27/2022
Depths Sampled	Surface - 5'
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	02/22/2023 – 03/16/2023
Workplan Approval	11/23/2022
Confirmation Sample Notification	02/21/2023
Liner Variance Request	None
Deferral Request	None
Depths Excavated	0' - 5'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	196 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



Cynthia Jordan <cynthia@trinityoilfieldservices.com>

Confirmation Sample Notification - NAPP2214733218 GOLD NC 29 CTB

1 message

Dan Dunkelberg <dan@trinityoilfieldservices.com>

Tue, Feb 21, 2023 at 8:41 AM

To: OCD.Enviro@emnrd.nm.gov

Cc: Josh Halcomb <josh@trinityoilfieldservices.com>, Cynthia Jordan <cynthia@trinityoilfieldservices.com>

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of OXY USA Inc. at the above referenced site on Thursday, February 23, 2023, at 9:00 a.m.

Dan Dunkelberg
Environmental Regulatory Manager



Trinity Oilfield Services & Rentals, LLC
Cell: (575) 602-2403

**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	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, & Deeper than 4' Pasture						20000	2500	1000	NE	NE	NE	50	10
Delineation Special Circumstance, NMOCD Delineation Limits Pasture to 4'						600	100	NE	NE	NE	NE	50	10
Vertical Delineation													
SP - 1 @ SURFACE	Surface	7/27/2022	Off-Site	Grab	In-Situ	2240	10641	9181	321	8860	1460	2.98	<0.050
SP - 1 @ 1'	1	7/27/2022	Off-Site	Grab	In-Situ	2320	452.6	355	<10.0	355	97.6	<0.300	<0.050
SP - 1 @ 2'	2	7/27/2022	Off-Site	Grab	In-Situ	2160	108.4	89.4	<10.0	89.4	19.0	<0.300	<0.050
SP - 1 @ 3'	3	7/27/2022	Off-Site	Grab	In-Situ	3000	184.2	156	<10.0	156	28.2	<0.300	<0.050
SP - 1 @ 4'	4	7/27/2022	Off-Site	Grab	In-Situ	4200	93.5	80.1	<10.0	80.1	13.4	<0.300	<0.050
SP - 1 @ 5'	5	7/27/2022	Off-Site	Grab	In-Situ	32.0	45.2	45.2	<10.0	45.2	<10.0	<0.300	<0.050
SP - 2 @ SURFACE	Surface	7/26/2022	Off-Site	Grab	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 2 @ 1'	1	7/26/2022	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 2 @ 2'	2	7/26/2022	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 2 @ 3'	3	7/26/2022	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 2 @ 4'	4	7/26/2022	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
Horizontal Delineation													
SP - 1 W @ 1'	1	7/27/2022	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 1 N @ 1'	1	7/27/2022	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 1 E @ 1'	1	7/27/2022	Off-Site	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 2 E @ 1'	1	7/27/2022	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 2 S @ 1'	1	7/27/2022	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP - 2 W @ 1'	1	7/27/2022	Off-Site	Grab	In-Situ	32.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

**TABLE 2
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	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 Closure Limits Pad							20,000	2,500	1,000	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Remediation Floors														
CF-001.0-00.5-P	0.5	2/22/2023	Floor	Off-Site	Composite	Excavated	160	1,188	1,050	<10.0	1,050	138	<0.300	<0.050
CF-001.0-04.0-P	4	3/16/2023	Floor	Off-Site	Composite	In-Situ	960	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-002.0-01.0-P	1	2/22/2023	Floor	Off-Site	Composite	Excavated	256	3,661	3,283	103	3,180	378	1.17	<0.050
CF-002.0-04.0-P	4	3/16/2023	Floor	Off-Site	Composite	In-Situ	928	10.7	10.7	<10.0	10.7	<10.0	<0.300	<0.050
CF-003.0-00.0-P	0	2/22/2023	Floor	Off-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-004.0-00.5-P	0.5	2/22/2023	Floor	Off-Site	Composite	Excavated	32.0	474.2	402	<10.0	402	72.2	<0.300	<0.050
CF-004.0-05.0-P	5	3/16/2023	Floor	Off-Site	Composite	In-Situ	1,800	33.1	33.1	<10.0	33.1	<10.0	<0.300	<0.050
CF-005.0-00.5-P	0.5	2/22/2023	Floor	Off-Site	Composite	Excavated	144	2,894	2,440	<10.0	2,440	454	<0.300	<0.050
CF-005.0-05.0-P	5	3/16/2023	Floor	Off-Site	Composite	In-Situ	80.0	46.1	46.1	<10.0	46.1	<10.0	<0.300	<0.050
CF-006.0-00.5-P	0.5	2/22/2023	Floor	Off-Site	Composite	Excavated	160	2,130	1,750	<10.0	1,750	380	<0.300	<0.050
CF-006.0-04.0-P	4	3/16/2023	Floor	Off-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-007.0-00.5-P	0.5	2/22/2023	Floor	Off-Site	Composite	Excavated	128	1,474	1,200	<10.0	1,200	274	<0.300	<0.050
CF-007.0-02.0-P	2	3/16/2023	Floor	Off-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-008.0-00.5-P	0.5	2/22/2023	Floor	Off-Site	Composite	Excavated	48.0	830	666	<10.0	666	164	<0.300	<0.050
CF-008.0-02.0-P	2	3/16/2023	Floor	Off-Site	Composite	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-009.0-00.5-P	0.5	2/22/2023	Floor	Off-Site	Composite	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CF-010.0-00.5-P	0.5	2/22/2023	Floor	Off-Site	Composite	In-Situ	32.0	10.3	10.3	<10.0	10.3	<10.0	<0.300	<0.050
Remediation Walls														
CW-001.0-02.0-P	2	3/16/2023	Wall	Off-Site	Composite	In-Situ	48.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-002.0-02.0-P	2	3/16/2023	Wall	Off-Site	Composite	In-Situ	64.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
CW-003.0-02.0-P	2	3/16/2023	Wall	Off-Site	Composite	In-Situ	16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

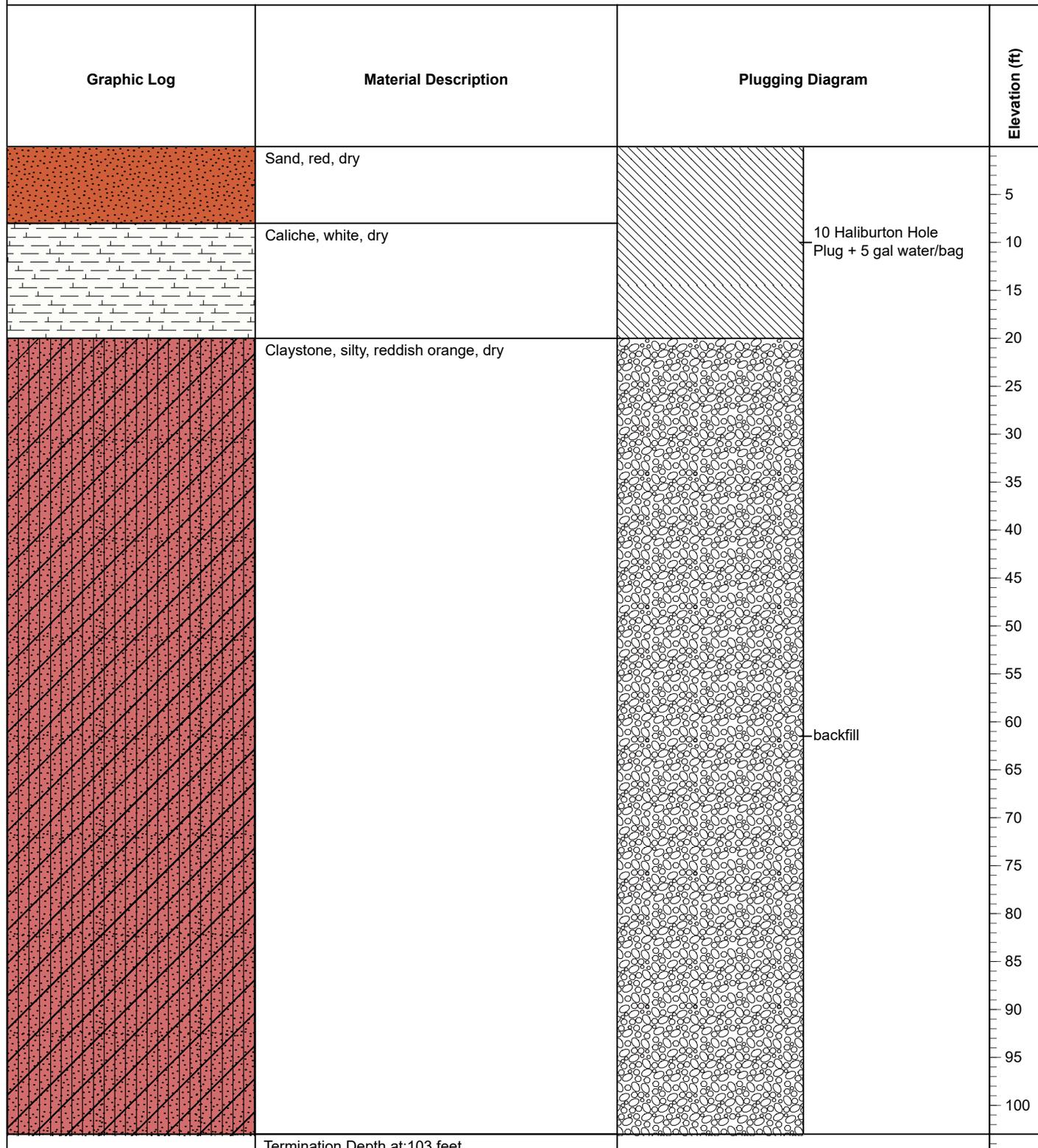


BOREHOLE LOG C-4553 POD 1

PROJECT NUMBER C-4553 POD 1	DRILLING DATE 7/30/2021	COORDINATES 32.27335 N, -103.78742
PROJECT NAME Soil Boring - DTG	TOTAL DEPTH 103 feet	COORD SYS WGS 84
CLIENT OXY USA, Inc	DIAMETER 8-3/4"	COMPLETION Plugged and Abandoned
ADDRESS PO Box 4294, Houston TX 77210	CASING uPVC	SURFACE ELEVATION 3357 ft MSL
LICENCE NO. WD-1035 Edd Coffey	SCREEN uPVC Manually Slotted	

COMMENTS South of large mesquite bush - west side of pad

LOGGED BY John Farrell P.G.
CHECKED BY Dan Dunkelburg

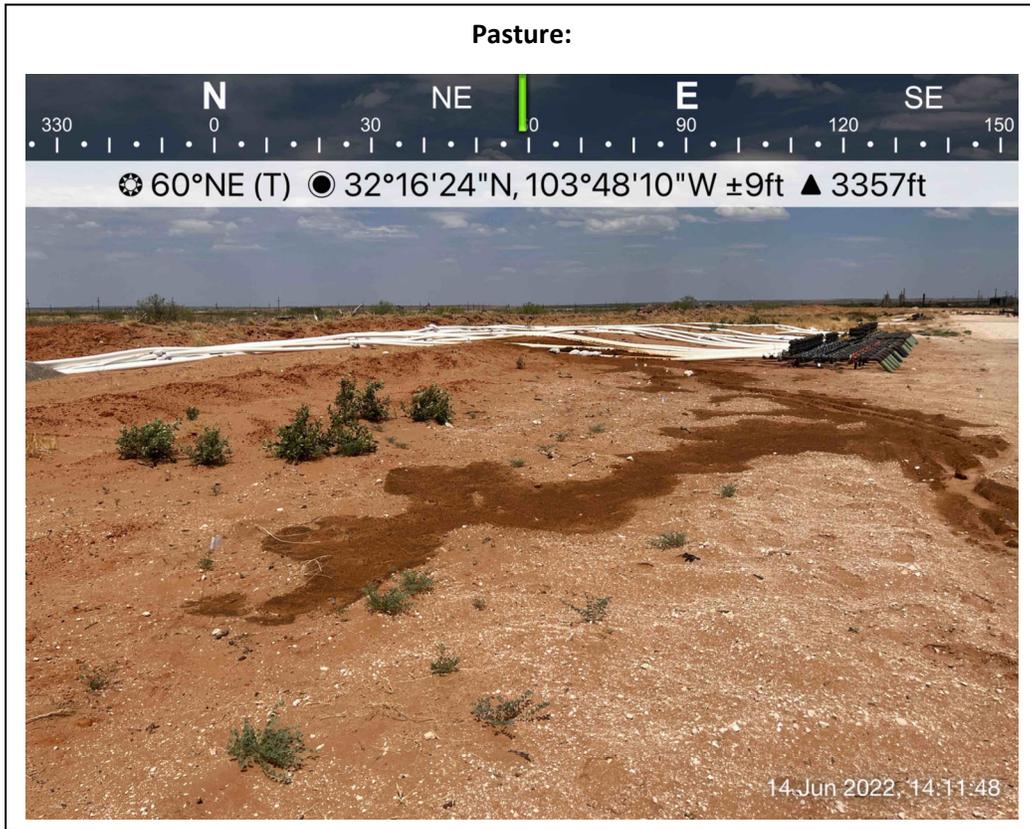


Termination Depth at: 103 feet

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

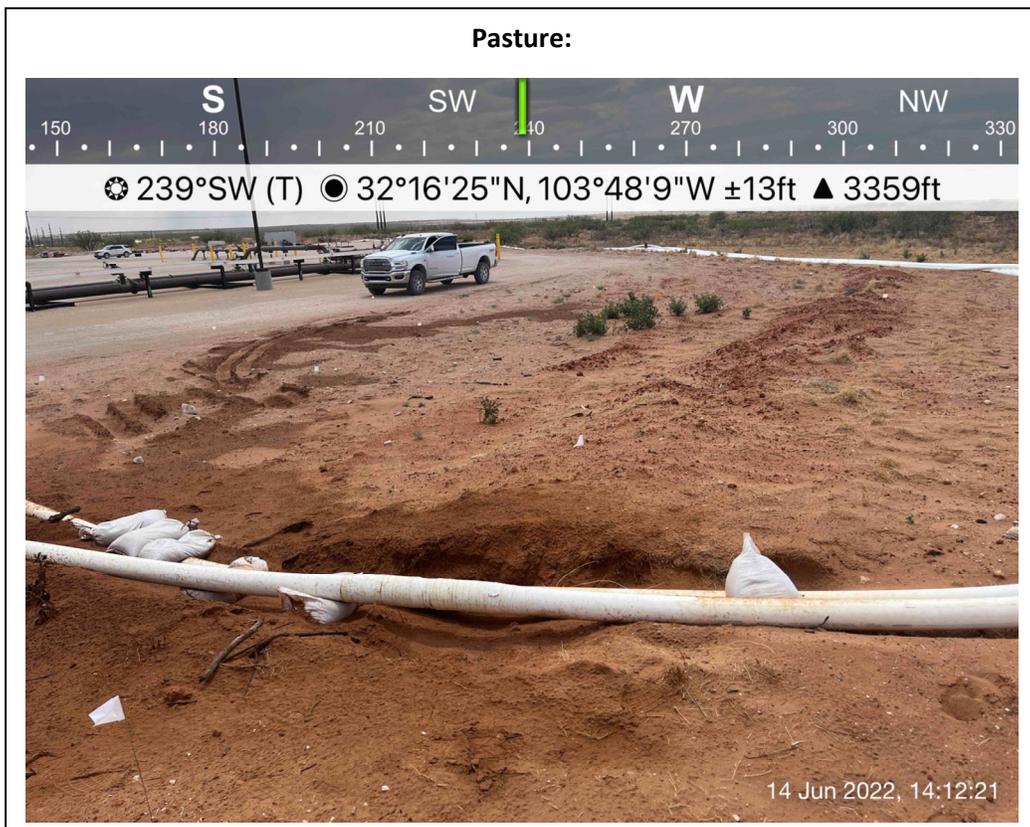
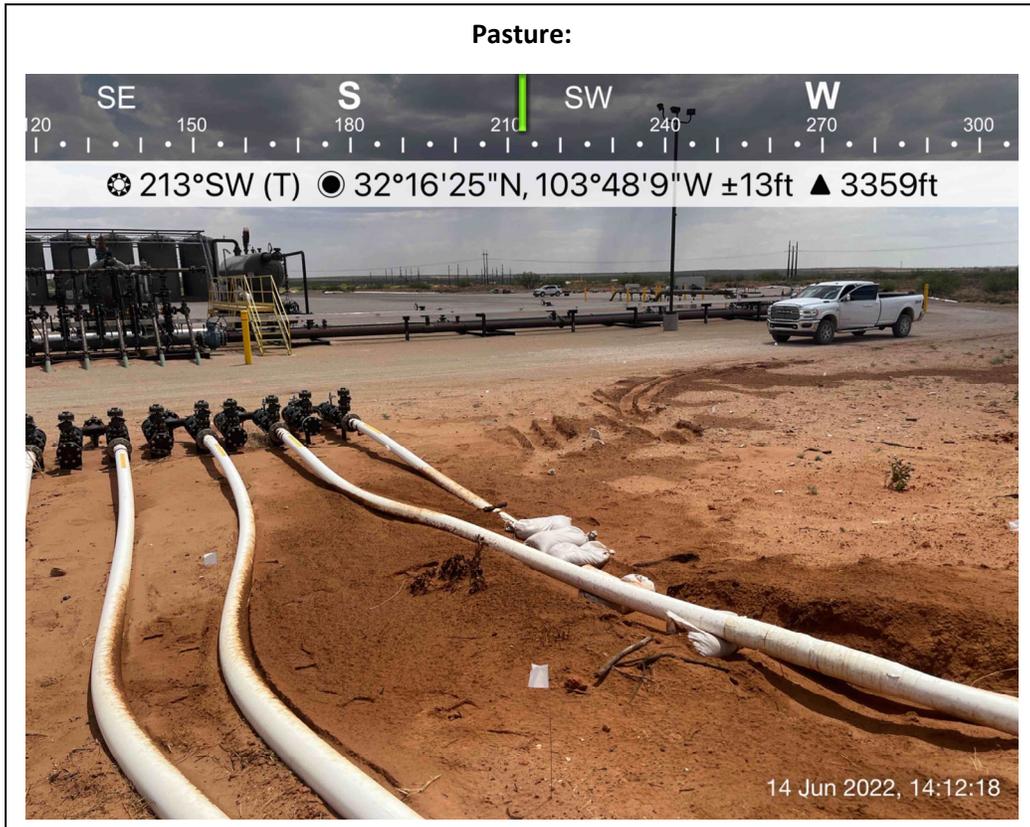


Initial Site Assessment



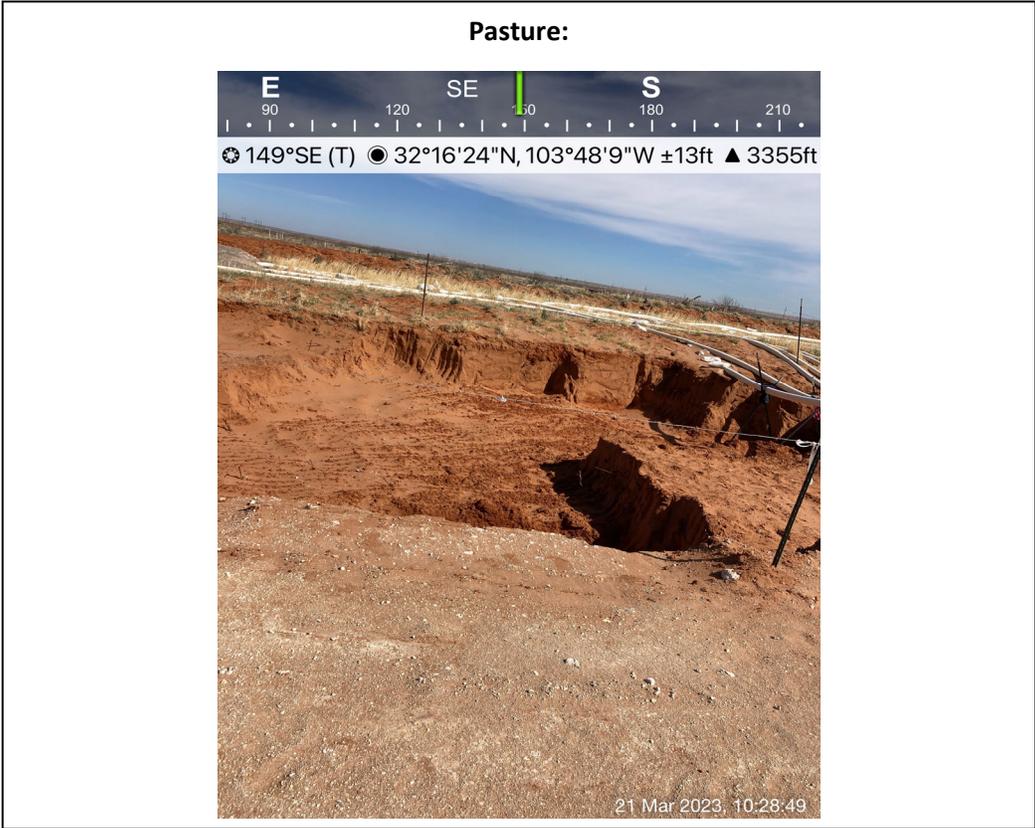


Initial Site Assessment



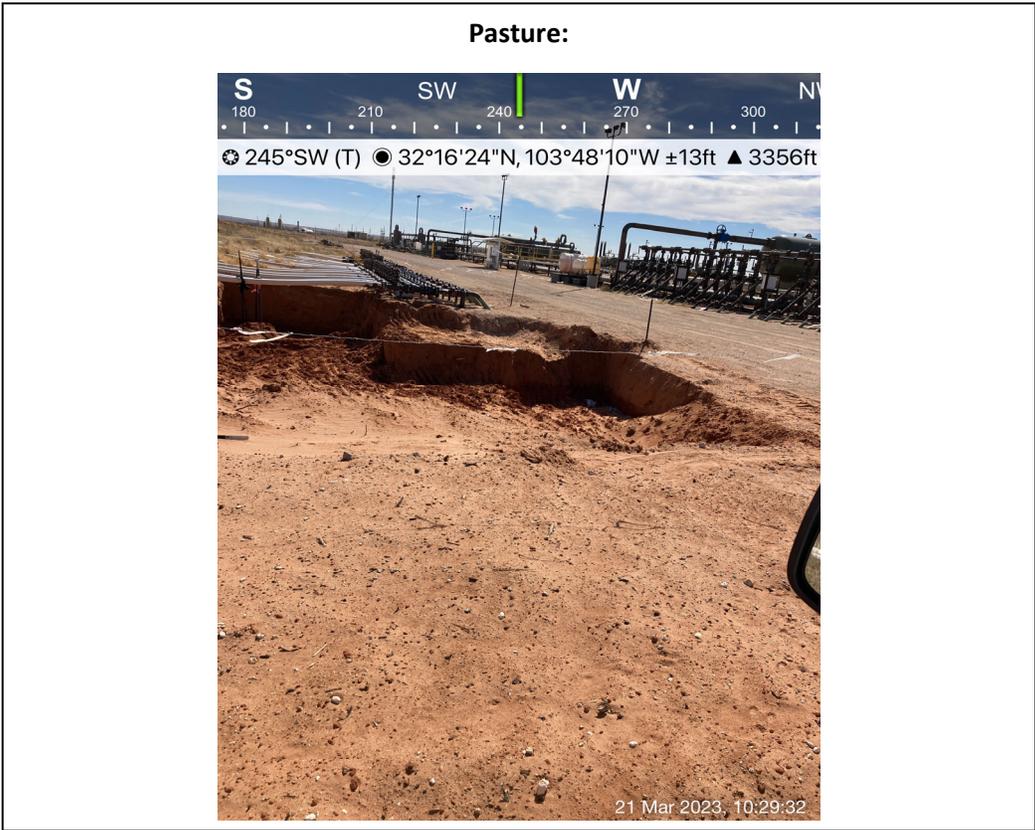
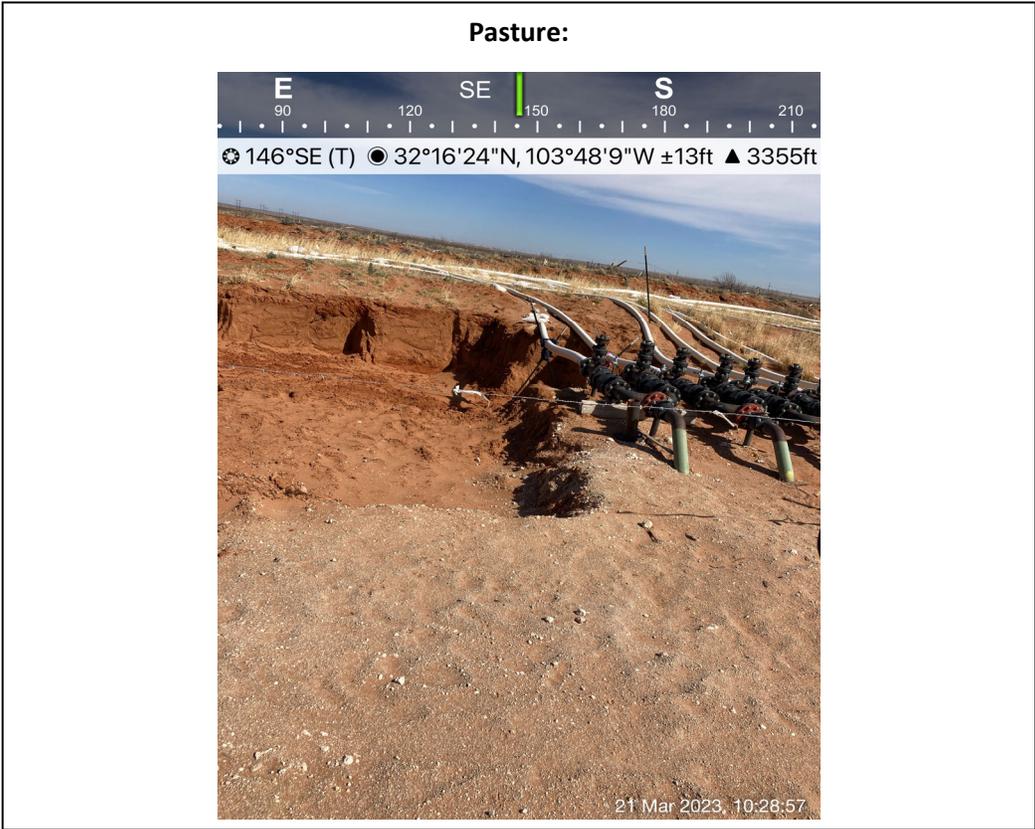


Excavation





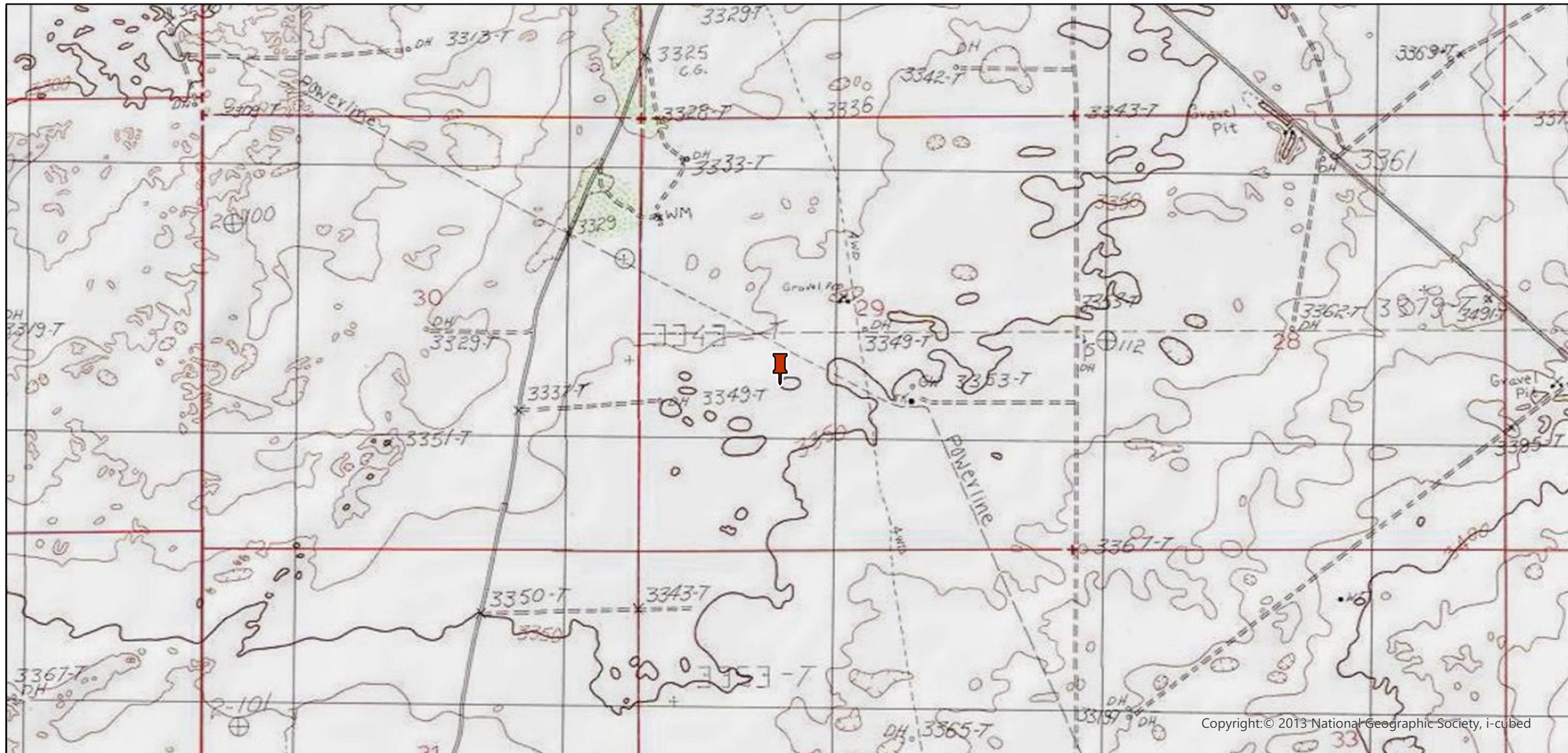
Excavation





Excavation



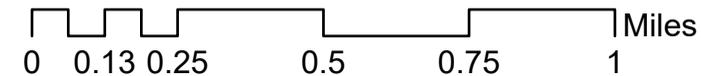


Copyright: © 2013 National Geographic Society, i-cubed

Legend:

 Site Location

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



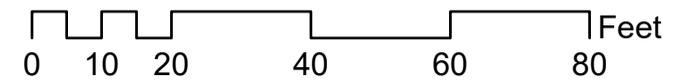


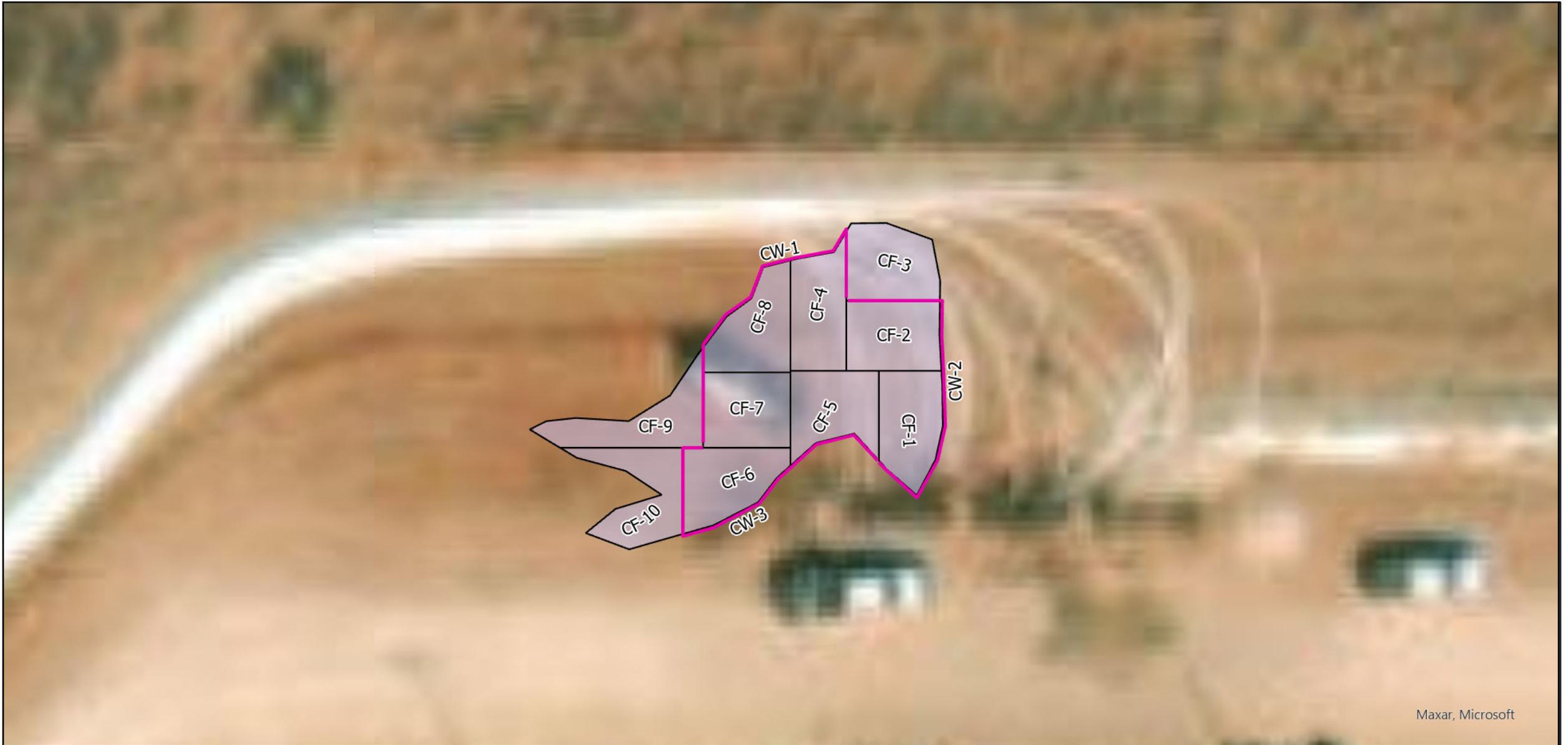
Maxar, Microsoft

Legend:

- Sample Point
- Affected Area

Initial Delineation Map
OXY USA, Inc.
Gold NC 29 CTB
Eddy County, New Mexico
NMOCD Reference # NAPP2214733218





Maxar, Microsoft

Legend:

-  Remediation Walls
-  Remediation Floors
-  Excavation Area

Remediation Map
OXY USA, Inc.
Gold NC 29 CTB
32.2721838,-103.802143
Eddy County, New Mexico
NMOCD Reference # NAPP2214733218



OXY GOLD NC 29 CTB



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

GIS WATERS PODs

● Pending

□ OSE District Boundary

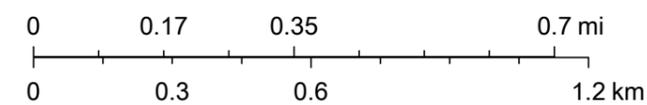
New Mexico State Trust Lands

■ 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



U.S. Fish and Wildlife Service
National Wetlands Inventory

NAPP2214733218 | GOLD NC 29 CTB



August 17, 2022

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | 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 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

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.

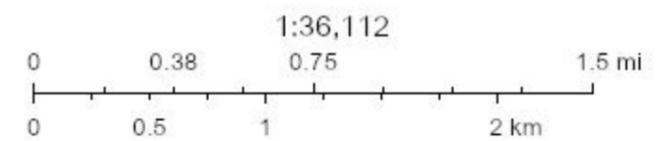
NAPP2214733218 | GOLD NC 29 CTB



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

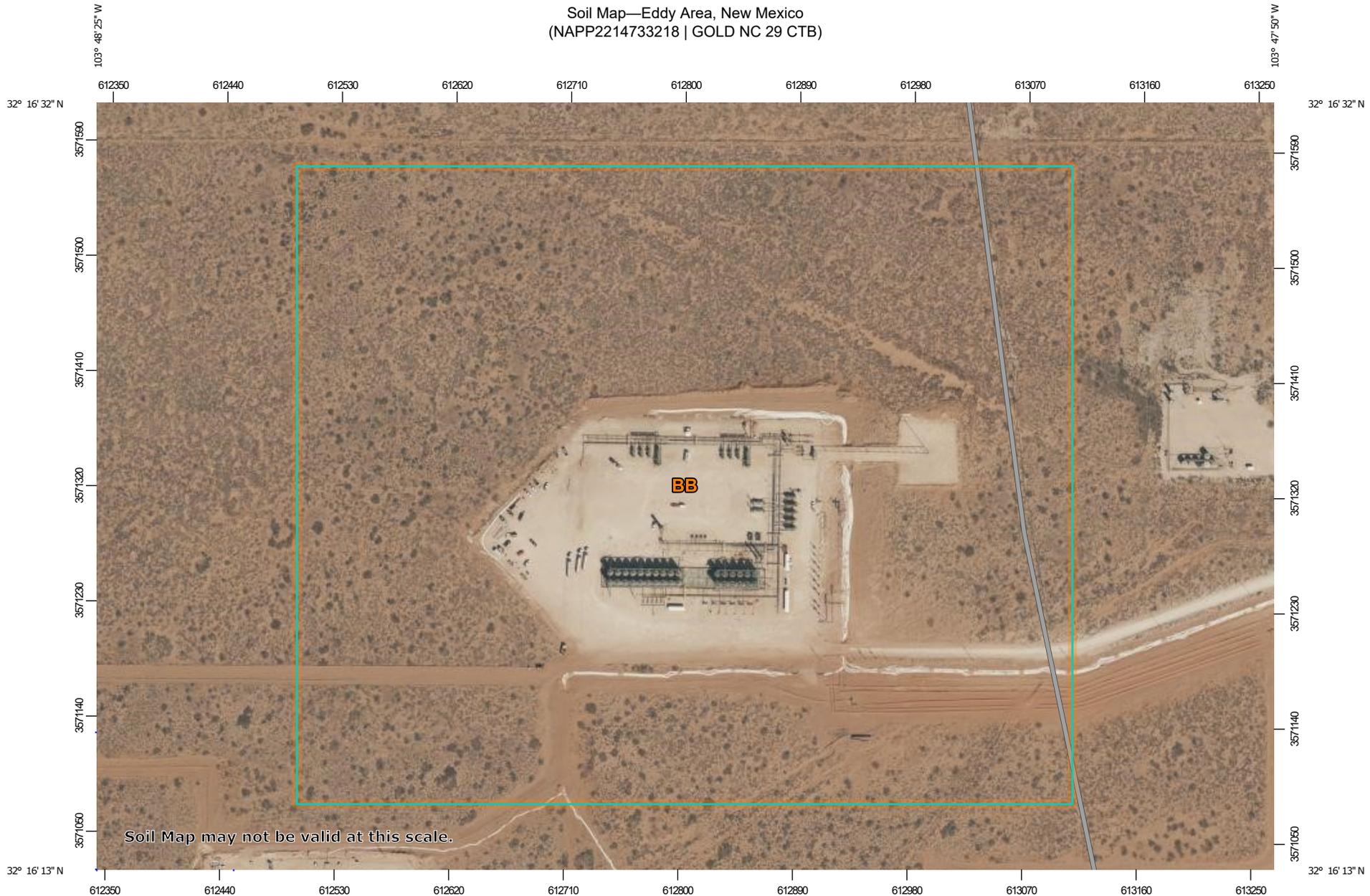
Karst Occurrence Potential

- Medium
- Low

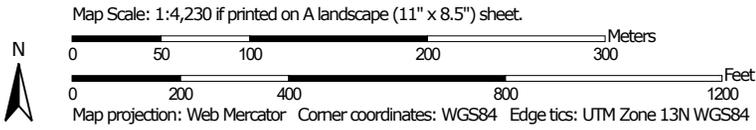


BLM, OCD, New Mexico Tech, Maxar

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



Soil Map may not be valid at this scale.



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.

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".

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	Sampling Date:	07/26/2022
Reported:	08/01/2022	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

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)

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) 104 % 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 87.0 % 43-149

Surrogate: 1-Chlorooctadecane 83.6 % 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	Sampling Date:	07/26/2022
Reported:	08/01/2022	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

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)

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, 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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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 @ 4' (H223290-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 99.9 % 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 91.2 % 43-149

Surrogate: 1-Chlorooctadecane 84.0 % 42.5-161

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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Trinity Oilfield Services
 Project Manager: Dan Dunkelberg
 Address: 8426 N Dal Paso
 City: Hobbs
 State: NM Zip: 88241
 P.O. #: OXY USA, Inc.
 Company: Wade Dietrich
 Attn: Wade Dietrich
 Address:
 City:
 State:
 Zip:
 Project Name: Gold NC 29 CTB
 Project Location: Eddy Co., NM
 dan@trinityoilfieldservices.com
 Phone #:
 Fax #:
 Sampler Name: RS
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						
1	SP-2 @ Surface	G 1	X							7/26/2022	1:00	X	X	X	
2	SP-2 @ 1'	G 1	X							7/26/2022	1:05	X	X	X	
3	SP-2 @ 2'	G 1	X							7/26/2022	1:10	X	X	X	
4	SP-2 @ 3'	G 1	X							7/26/2022	1:15	X	X	X	
5	SP-2 @ 4'	G 1	X							7/26/2022	1:20	X	X	X	

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Relinquished By: *[Signature]* Date: 7-26-22 Received By: *[Signature]* Date: 8-1-20
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS:

Delivered By: (Circle One) Observed Temp. °C: 37.8 Sample Condition: Cool Intact Yes No
 Corrected Temp. °C: 37.2 Thermometer ID #113 Standard X Bacteria (only) Sample Condition: Cool Intact Yes No
 Sampler - UPS - Other: No No
 Turnaround Time: Rush Corrected Temp. °C: 70.7/26/22

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



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.

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".

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	Sampling Date:	07/27/2022
Reported:	08/01/2022	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

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

BTEX 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 BTEX	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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* = 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 - 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	Sampling Date:	07/27/2022
Reported:	08/01/2022	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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



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	Sampling Date:	07/27/2022
Reported:	08/01/2022	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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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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	Sampling Date:	07/27/2022
Reported:	08/01/2022	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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) 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	Sampling Date:	07/27/2022
Reported:	08/01/2022	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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	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	Sampling Date:	07/27/2022
Reported:	08/01/2022	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

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

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	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, 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	07/29/2022	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



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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 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, 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	07/29/2022	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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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	08/01/2022	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

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, 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 74.5 % 43-149

Surrogate: 1-Chlorooctadecane 82.9 % 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	Sampling Date:	07/27/2022
Reported:	08/01/2022	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

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

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, 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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Analytical Results For:

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

Received:	07/27/2022	Sampling Date:	07/27/2022
Reported:	08/01/2022	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	OXY - EDDY CO NM		

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

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, 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	07/29/2022	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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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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services		BILL TO		ANALYSIS REQUEST	
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:			
Project #: [blank]		City:			
Project Name: Gold NC 29 CTB		State:			
Project Location: Eddy Co., NM		Zip:			
Sampler Name: RS		Phone #:			
FOR LAB USE ONLY		Fax #:			
Lab I.D. H22334		Sample I.D.			
SP-1 @ Surface		GIRAB OR (C)OMP.			
SP-1 @ 1'		# CONTAINERS			
SP-1 @ 2'		GROUNDWATER			
SP-1 @ 3'		WASTEWATER			
SP-1 @ 4'		SOIL			
SP-1 @ 5'		OIL			
SP-1 N @ 1'		SLUDGE			
SP-1 E @ 1'		OTHER:			
SP-2 E @ 1'		ACID/BASE:			
		ICE / COOL			
		OTHER:			
		DATE			
		TIME			
		Chloride			
		TPH			
		BTEX			

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Reinforced By: [Signature] Date: 7-27-22 Received By: [Signature] Verbal Result: [] Yes [] No Add'l Phone #: []
Temp: 7.58
All Results are emailed. Please provide Email address: []

Reinforced By: [Signature] Date: [] Received By: [Signature] Verbal Result: [] Yes [] No Add'l Phone #: []
Temp: []

Delivered By: (Circle One) Observed Temp. °C: 37.7 Corrected Temp. °C: 37.7 Sample Condition: Cool Intact [] Yes [] No Checked By: [Signature] Turnaround Time: [] Standard [] Rush [] X Bacteria (only) Sample Condition: Cool Intact [] Yes [] No Observed Temp. °C: [] Corrected Temp. °C: []

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



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

February 27, 2023

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 02/22/23 16:20.

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.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	02/22/2023	Sampling Date:	02/22/2023
Reported:	02/27/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-001-00.5-NA-P (H230834-01)

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	02/23/2023	ND	2.19	110	2.00	13.7	
Toluene*	<0.050	0.050	02/23/2023	ND	2.12	106	2.00	14.0	
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.03	102	2.00	14.2	
Total Xylenes*	<0.150	0.150	02/23/2023	ND	6.16	103	6.00	13.1	
Total BTEX	<0.300	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/23/2023	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*	<10.0	10.0	02/23/2023	ND	210	105	200	4.62		
DRO >C10-C28*	1050	10.0	02/23/2023	ND	198	99.1	200	5.89		
EXT DRO >C28-C36	138	10.0	02/23/2023	ND						

Surrogate: 1-Chlorooctane 133 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 49.1-148

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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:	02/22/2023	Sampling Date:	02/22/2023
Reported:	02/27/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-002-01.0-NA-P (H230834-02)

BTEX 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	02/23/2023	ND	2.08	104	2.00	1.39	
Toluene*	<0.050	0.050	02/23/2023	ND	2.01	100	2.00	1.79	
Ethylbenzene*	0.533	0.050	02/23/2023	ND	1.94	97.2	2.00	1.73	
Total Xylenes*	0.637	0.150	02/23/2023	ND	5.95	99.1	6.00	1.52	
Total BTEX	1.17	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 180 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	02/23/2023	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*	103	10.0	02/23/2023	ND	210	105	200	4.62	
DRO >C10-C28*	3180	10.0	02/23/2023	ND	198	99.1	200	5.89	
EXT DRO >C28-C36	378	10.0	02/23/2023	ND					

Surrogate: 1-Chlorooctane 141 % 48.2-134

Surrogate: 1-Chlorooctadecane 186 % 49.1-148

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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:	02/22/2023	Sampling Date:	02/22/2023
Reported:	02/27/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-003-00.0-NA-P (H230834-03)

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	02/24/2023	ND	2.08	104	2.00	1.39	
Toluene*	<0.050	0.050	02/24/2023	ND	2.01	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	1.94	97.2	2.00	1.73	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	5.95	99.1	6.00	1.52	
Total BTEX	<0.300	0.300	02/24/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/23/2023	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	02/23/2023	ND	185	92.4	200	7.25	
DRO >C10-C28*	<10.0	10.0	02/23/2023	ND	172	85.8	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	02/23/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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:	02/22/2023	Sampling Date:	02/22/2023
Reported:	02/27/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-004-00.5-NA-P (H230834-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/24/2023	ND	2.08	104	2.00	1.39	
Toluene*	<0.050	0.050	02/24/2023	ND	2.01	100	2.00	1.79	
Ethylbenzene*	<0.050	0.050	02/24/2023	ND	1.94	97.2	2.00	1.73	
Total Xylenes*	<0.150	0.150	02/24/2023	ND	5.95	99.1	6.00	1.52	
Total BTEX	<0.300	0.300	02/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/23/2023	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	02/23/2023	ND	185	92.4	200	7.25	
DRO >C10-C28*	402	10.0	02/23/2023	ND	172	85.8	200	7.34	
EXT DRO >C28-C36	72.2	10.0	02/23/2023	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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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:	02/22/2023	Sampling Date:	02/22/2023
Reported:	02/27/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-005-00.5-NA-P (H230834-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2023	ND	2.06	103	2.00	0.800	
Toluene*	<0.050	0.050	02/23/2023	ND	2.11	105	2.00	0.426	
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.06	103	2.00	0.304	
Total Xylenes*	<0.150	0.150	02/23/2023	ND	6.32	105	6.00	1.87	
Total BTEX	<0.300	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/23/2023	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	02/23/2023	ND	185	92.4	200	7.25	
DRO >C10-C28*	2440	10.0	02/23/2023	ND	172	85.8	200	7.34	
EXT DRO >C28-C36	454	10.0	02/23/2023	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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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:	02/22/2023	Sampling Date:	02/22/2023
Reported:	02/27/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-006-00.5-NA-P (H230834-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2023	ND	2.06	103	2.00	0.800	
Toluene*	<0.050	0.050	02/23/2023	ND	2.11	105	2.00	0.426	
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.06	103	2.00	0.304	
Total Xylenes*	<0.150	0.150	02/23/2023	ND	6.32	105	6.00	1.87	
Total BTEX	<0.300	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/23/2023	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	02/23/2023	ND	185	92.4	200	7.25	
DRO >C10-C28*	1750	10.0	02/23/2023	ND	172	85.8	200	7.34	
EXT DRO >C28-C36	380	10.0	02/23/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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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:	02/22/2023	Sampling Date:	02/22/2023
Reported:	02/27/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-007-00.5-NA-P (H230834-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/23/2023	ND	2.06	103	2.00	0.800	
Toluene*	<0.050	0.050	02/23/2023	ND	2.11	105	2.00	0.426	
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.06	103	2.00	0.304	
Total Xylenes*	<0.150	0.150	02/23/2023	ND	6.32	105	6.00	1.87	
Total BTEX	<0.300	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/23/2023	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	02/23/2023	ND	185	92.4	200	7.25	
DRO >C10-C28*	1200	10.0	02/23/2023	ND	172	85.8	200	7.34	
EXT DRO >C28-C36	274	10.0	02/23/2023	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 49.1-148

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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:	02/22/2023	Sampling Date:	02/22/2023
Reported:	02/27/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-008-00.5-NA-P (H230834-08)

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	02/23/2023	ND	2.06	103	2.00	0.800	
Toluene*	<0.050	0.050	02/23/2023	ND	2.11	105	2.00	0.426	
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.06	103	2.00	0.304	
Total Xylenes*	<0.150	0.150	02/23/2023	ND	6.32	105	6.00	1.87	
Total BTEX	<0.300	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/23/2023	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	02/23/2023	ND	185	92.4	200	7.25	
DRO >C10-C28*	666	10.0	02/23/2023	ND	172	85.8	200	7.34	
EXT DRO >C28-C36	164	10.0	02/23/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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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:	02/22/2023	Sampling Date:	02/22/2023
Reported:	02/27/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-009-00.5-NA-P (H230834-09)

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	02/23/2023	ND	2.06	103	2.00	0.800	
Toluene*	<0.050	0.050	02/23/2023	ND	2.11	105	2.00	0.426	
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.06	103	2.00	0.304	
Total Xylenes*	<0.150	0.150	02/23/2023	ND	6.32	105	6.00	1.87	
Total BTEX	<0.300	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/23/2023	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	02/23/2023	ND	185	92.4	200	7.25	
DRO >C10-C28*	<10.0	10.0	02/23/2023	ND	172	85.8	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	02/23/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/22/2023	Sampling Date:	02/22/2023
Reported:	02/27/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: CF-010-00.5-NA-P (H230834-10)

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	02/23/2023	ND	2.06	103	2.00	0.800	
Toluene*	<0.050	0.050	02/23/2023	ND	2.11	105	2.00	0.426	
Ethylbenzene*	<0.050	0.050	02/23/2023	ND	2.06	103	2.00	0.304	
Total Xylenes*	<0.150	0.150	02/23/2023	ND	6.32	105	6.00	1.87	
Total BTEX	<0.300	0.300	02/23/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/23/2023	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	02/23/2023	ND	185	92.4	200	7.25	
DRO >C10-C28*	10.3	10.0	02/23/2023	ND	172	85.8	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	02/23/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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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.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD.
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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: Trinity Oilfield Services
 Project Manager: Dan Dunkelberg
 Address: 8426 N Dal Paso
 City: Hobbs
 State: NM Zip: 88241
 Phone #: _____
 Project #: _____
 Project Name: Gald NC 29 CTB
 Project Location: Lea Co., NM
 Project Owner: (see below)
 dan@trinityoilfieldservices.com
 Phone #: _____
 Fax #: _____
 P.O. #: _____
 Company: OXY USA, Inc.
 Attn: Wade Dittich
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chloride	TPH	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:					
1	CF-001-00.5-NA-P	C	1	X							2/22/2023		X	X	X
2	CF-002-01.0-NA-P	C	1	X							2/22/2023		X	X	X
3	CF-003-00.0-NA-P	C	1	X							2/22/2023		X	X	X
4	CF-004-00.5-NA-P	C	1	X							2/22/2023		X	X	X
5	CF-005-00.5-NA-P	C	1	X							2/22/2023		X	X	X
6	CF-006-00.5-NA-P	C	1	X							2/22/2023		X	X	X
7	CF-007-00.5-NA-P	C	1	X							2/22/2023		X	X	X
8	CF-008-00.5-NA-P	C	1	X							2/22/2023		X	X	X
9	CF-009-00.5-NA-P	C	1	X							2/22/2023		X	X	X
10	CF-010-00.5-NA-P	C	1	X							2/22/2023		X	X	X

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Relinquished By: Gerardo Villalobos
 Date: 2/22/23
 Time: 7:20
 Received By: Spodisquery
 Date: _____
 Time: _____
 Verbal Result: Yes No
 Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: _____

Delivered By: (Circle One) UPS Bus Other:
 Observed Temp. °C: 39
 Corrected Temp. °C: 33
 Sample Condition: Intact Cool Yes No
 CHECKED BY: SR (Initials)
 Turnaround Time: _____
 Thermometer ID #113
 Correction Factor -0.6 °C
 Standard X
 Bacteria (only) Sample Condition: Cool Intact Yes No
 Observed Temp. °C: _____
 Corrected Temp. °C: _____

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



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

March 23, 2023

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 03/20/23 16:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

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:	03/20/2023	Sampling Date:	03/16/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-001-04.0-NA-P (H231258-01)

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	03/22/2023	ND	2.22	111	2.00	1.78	
Toluene*	<0.050	0.050	03/22/2023	ND	2.32	116	2.00	0.470	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.45	122	2.00	1.52	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	7.63	127	6.00	1.20	
Total BTEX	<0.300	0.300	03/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	03/22/2023	ND	464	116	400	3.51	

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	03/22/2023	ND	170	84.9	200	7.62	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	184	92.1	200	11.9	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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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:	03/20/2023	Sampling Date:	03/16/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-002-04.0-NA-P (H231258-02)

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	03/22/2023	ND	2.22	111	2.00	1.78	
Toluene*	<0.050	0.050	03/22/2023	ND	2.32	116	2.00	0.470	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.45	122	2.00	1.52	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	7.63	127	6.00	1.20	
Total BTEX	<0.300	0.300	03/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	03/22/2023	ND	464	116	400	3.51	

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	03/22/2023	ND	173	86.5	200	1.69	
DRO >C10-C28*	10.7	10.0	03/22/2023	ND	172	86.1	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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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:	03/20/2023	Sampling Date:	03/16/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-004-05.0-NA-P (H231258-03)

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	03/22/2023	ND	2.22	111	2.00	1.78	
Toluene*	<0.050	0.050	03/22/2023	ND	2.32	116	2.00	0.470	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.45	122	2.00	1.52	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	7.63	127	6.00	1.20	
Total BTEX	<0.300	0.300	03/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	03/22/2023	ND	464	116	400	3.51	

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	03/22/2023	ND	173	86.5	200	1.69	
DRO >C10-C28*	33.1	10.0	03/22/2023	ND	172	86.1	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 49.1-148

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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:	03/20/2023	Sampling Date:	03/16/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-005-05.0-NA-P (H231258-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2023	ND	2.22	111	2.00	1.78	
Toluene*	<0.050	0.050	03/22/2023	ND	2.32	116	2.00	0.470	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.45	122	2.00	1.52	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	7.63	127	6.00	1.20	
Total BTEX	<0.300	0.300	03/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/22/2023	ND	464	116	400	3.51	

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	03/22/2023	ND	173	86.5	200	1.69	
DRO >C10-C28*	46.1	10.0	03/22/2023	ND	172	86.1	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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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:	03/20/2023	Sampling Date:	03/16/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-006-04.0-NA-P (H231258-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2023	ND	2.22	111	2.00	1.78	
Toluene*	<0.050	0.050	03/22/2023	ND	2.32	116	2.00	0.470	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.45	122	2.00	1.52	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	7.63	127	6.00	1.20	
Total BTEX	<0.300	0.300	03/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/22/2023	ND	464	116	400	3.51	

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	03/22/2023	ND	173	86.5	200	1.69	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	172	86.1	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/20/2023	Sampling Date:	03/16/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-007-02.0-NA-P (H231258-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2023	ND	2.22	111	2.00	1.78	
Toluene*	<0.050	0.050	03/22/2023	ND	2.32	116	2.00	0.470	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.45	122	2.00	1.52	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	7.63	127	6.00	1.20	
Total BTEX	<0.300	0.300	03/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/22/2023	ND	464	116	400	3.51	

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	03/22/2023	ND	173	86.5	200	1.69	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	172	86.1	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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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:	03/20/2023	Sampling Date:	03/16/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CF-008-02.0-NA-P (H231258-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/22/2023	ND	2.22	111	2.00	1.78	
Toluene*	<0.050	0.050	03/22/2023	ND	2.32	116	2.00	0.470	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.45	122	2.00	1.52	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	7.63	127	6.00	1.20	
Total BTEX	<0.300	0.300	03/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/22/2023	ND	464	116	400	3.51	

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	03/22/2023	ND	173	86.5	200	1.69	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	172	86.1	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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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:	03/20/2023	Sampling Date:	03/16/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CW-001-02.0-NA-P (H231258-08)

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	03/22/2023	ND	2.22	111	2.00	1.78	
Toluene*	<0.050	0.050	03/22/2023	ND	2.32	116	2.00	0.470	
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.45	122	2.00	1.52	
Total Xylenes*	<0.150	0.150	03/22/2023	ND	7.63	127	6.00	1.20	
Total BTEX	<0.300	0.300	03/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/22/2023	ND	464	116	400	3.51	

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	03/22/2023	ND	173	86.5	200	1.69	
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	172	86.1	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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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:	03/20/2023	Sampling Date:	03/16/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CW-002-02.0-NA-P (H231258-09)

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	03/22/2023	ND	2.22	111	2.00	1.78		
Toluene*	<0.050	0.050	03/22/2023	ND	2.32	116	2.00	0.470		
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.45	122	2.00	1.52		
Total Xylenes*	<0.150	0.150	03/22/2023	ND	7.63	127	6.00	1.20		
Total BTEX	<0.300	0.300	03/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/22/2023	ND	464	116	400	3.51		

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	03/22/2023	ND	173	86.5	200	1.69		
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	172	86.1	200	3.44		
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND						

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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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:	03/20/2023	Sampling Date:	03/16/2023
Reported:	03/23/2023	Sampling Type:	Soil
Project Name:	GOLD NC 29 CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - LEA CO NM		

Sample ID: CW-003-02.0-NA-P (H231258-10)

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	03/22/2023	ND	2.22	111	2.00	1.78		
Toluene*	<0.050	0.050	03/22/2023	ND	2.32	116	2.00	0.470		
Ethylbenzene*	<0.050	0.050	03/22/2023	ND	2.45	122	2.00	1.52		
Total Xylenes*	<0.150	0.150	03/22/2023	ND	7.63	127	6.00	1.20		
Total BTEX	<0.300	0.300	03/22/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	03/22/2023	ND	464	116	400	3.51		

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	03/22/2023	ND	173	86.5	200	1.69		
DRO >C10-C28*	<10.0	10.0	03/22/2023	ND	172	86.1	200	3.44		
EXT DRO >C28-C36	<10.0	10.0	03/22/2023	ND						

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

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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.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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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 208493

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 208493
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2214733218 GOLD NC 29 CTB, thank you. This closure is approved.	9/5/2023