

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NAPP2225936945
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	Mewbourne Oil Company	OGRID	14744
Contact Name	Connor Walker	Contact Telephone	806-202-5281
Contact email	cwalker@mewbourne.com	Incident # (assigned by OCD)	nAPP2225936945
Contact mailing address	4801 Business Park Blvd, Hobbs, NM 88240		

Location of Release Source

Latitude 32.583502 _____ Longitude -104.085485 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Browning 9 Fed #1	Site Type	Tank Battery
Date Release Discovered	9/2/2022	API# (if applicable)	30-015-34398

Unit Letter	Section	Township	Range	County
M	9	20S	29E	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) 45	Volume Recovered (bbls) 20
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 120	Volume Recovered (bbls) 90
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" 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
Tanks on location were overflowed.

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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? The release was greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was given by Connor Walker to ocd.enviro@state.nm.us on 9/2/2022 @ 7:04 PM MDT via email.	

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>Connor Walker</u>	Title: <u>Sr. Engineer</u>
Signature: 	Date: 9/14/2022
email: <u>cwalker@mewbourne.com</u>	Telephone: <u>806-202-5281</u>
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>09/16/2022</u>

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Closure

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

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

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

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: Connor Walker Title: Sr. Engineer
Signature: _____ Date: 10/05/2023
email: cwalker@mewbourne.com Telephone: 806-202-5281

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: _____

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Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

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Printed Name: Connor Walker Title: Sr. Engineer
Signature: _____ Date: 10/05/2023
email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: _____ Date: _____

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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: Connor Walker Title: Sr. Engineer
Signature: _____ Date: 10/05/2023
email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

Trinity Oilfield Services & Rentals, LLC



October 5th, 2023

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

Re: **Closure Request**
Browning 9 FED #1
Tracking #: NAPP2225936945

Trinity Oilfield Services (Trinity), on behalf of Mewbourne Oil Co., 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	NAPP2225936945
Site Name	Browning 9 FED #1
Company	Mewbourne Oil Co.
County	Eddy
ULSTR	D-09-20S-29E
GPS Coordinates (NAD 83)	32.583502, -104.085485
Landowner	Federal

RELEASE BACKGROUND

On 9/16/2022, Mewbourne Oil Co. reported a release at the Browning 9 FED #1. The release was caused when tanks on location were overflowed. Approximately 2,392 sqft. of the Pad was found to be damp upon initial inspection.

Release Information	
Date of Release	9/2/2022
Type of Release	Crude Oil and Produced Water
Source of Release	Overflow
Volume Released – Produced Water	120 bbls
Volume Recovered – Produced Water	90 bbls
Volume Released – Crude Oil	45 bbls
Volume Recovered – Crude Oil	20 bbls
Affected Area – Damp Soil	Pad - Approximately 2,392 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	NA	NA	NA
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 $\frac{1}{2}$ mile of the release site. The search revealed that Zero (0) wells 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	High
Distance to Watercourse	> 1000 ft.
Within 100 yr Floodplain	No
Pasture Impact	No

A risk-based site assessment/characterization was performed following the New Mexico Oil Conservation Division (NMOCD) Rule (Title 19 Chapter 15 Part 29) for releases on oil and gas development and production in New Mexico (effective August 14, 2018). To summarize the site assessment/characterization evaluation, the affected area has High 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 Recommended Remedial Action Levels (RRALs)	
Chlorides	600 mg/kg
TPH (GRO and DRO and MRO)	100 mg/kg
TPH (GRO and DRO)	NA
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 entire area impacted by the release.

INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES**Initial Sample Activities:**

Delineation Summary	
Delineation Dates	07/19/2023 - 08/24/2023
Depths Sampled	1' - 8'
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	08/21/2023 - 09/13/2023
Workplan Approval	At Risk
Liner Variance Request	None
Deferral Request	None
Depths Excavated	2' - 9'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	915 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
Project Manager



Cynthia Jordan
Project Scientist


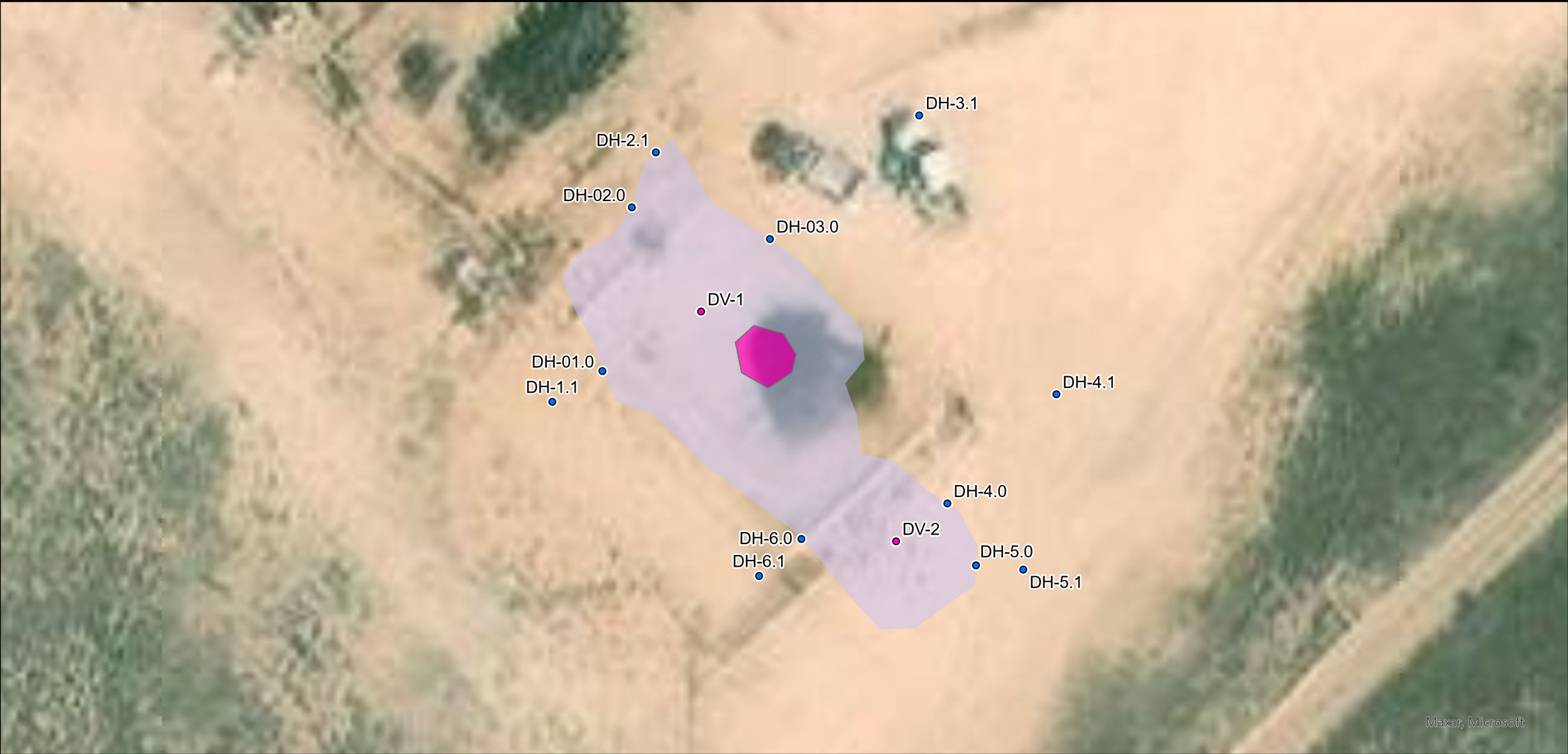
TABLE 1 CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL														
MEWBOURNE OIL CO. BROWNING 9 FED #1 EDDY COUNTY, NEW MEXICO NMOCD REFERENCE #: NAPP2225936945														
														
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	VERTICAL/ HORIZONTAL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
On-Site, & Deeper than 4' Pasture							600	100	NE	NE	NE	NE	50	10
Delineation Special Circumstance, NMOCD Delineation Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Vertical Delineation														
DV-001.0-08.0-S	8	7/19/2023	Vertical	On-Site	Grab	In-Situ	336.00	27.20	27.20	<10.0	27.20	<10.0	<10.0	<10.0
DV-002.0-06.0-S	6	7/19/2023	Vertical	On-Site	Grab	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Horizontal Delineation														
DH-001.0-01.0-S	1	7/19/2023	Horizontal	On-Site	Grab	In-Situ	48.00	260.60	161.00	<10.0	161.00	99.60	<10.0	<10.0
DH-001.1-01.0-S	1	8/21/2023	Horizontal	On-Site	Grab	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-002.0-01.0-S	1	7/19/2023	Horizontal	On-Site	Grab	In-Situ	64.00	260.60	162.00	<10.0	162.00	98.60	<10.0	<10.0
DH-002.1-01.0-S	1	8/24/2023	Horizontal	On-Site	Grab	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-003.0-01.0-S	1	7/19/2023	Horizontal	On-Site	Grab	In-Situ	112.00	650.00	433.00	<10.0	433.00	217.00	<10.0	<10.0
DH-003.1-01.0-S	1	8/24/2023	Horizontal	On-Site	Grab	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-004.0-01.0-S	1	7/19/2023	Horizontal	On-Site	Grab	In-Situ	112.00	632.00	422.00	<10.0	422.00	210.00	<10.0	<10.0
DH-004.1-01.0-S	1	8/24/2023	Horizontal	On-Site	Grab	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-005.0-01.0-S	1	7/19/2023	Horizontal	On-Site	Grab	In-Situ	128.00	257.00	128.00	<10.0	128.00	129.00	<10.0	<10.0
DH-005.1-01.0-S	1	8/21/2023	Horizontal	On-Site	Grab	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DH-006.0-01.0-S	1	7/19/2023	Horizontal	On-Site	Grab	In-Situ	112.00	252.00	127.00	<10.0	127.00	125.00	<10.0	<10.0
DH-006.1-01.0-S	1	8/21/2023	Horizontal	On-Site	Grab	In-Situ	336.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

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

MEWBOURNE OIL CO.
BROWNING 9 FED #1
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2225936945



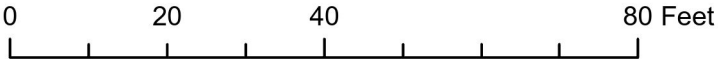
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/WALL	OFF-SITE/ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							600	100	NE	NE	NE	NE	50	10
NMOCD Closure Limits Pasture to 4'							600	100	NE	NE	NE	NE	50	10
Remediation Floors														
CF-001.0-05.0-S	5	8/21/2023	Floor	On-Site	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-002.0-04.0-S	4	8/21/2023	Floor	On-Site	Composite	In-Situ	160.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-003.0-09.0-S	9	8/21/2023	Floor	On-Site	Composite	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-004.0-07.0-S	7	8/21/2023	Floor	On-Site	Composite	Excavated	688.00	12.60	12.60	<10.0	12.60	<10.0	<.300	<0.50
CF-004.0-07.5-S	7.5	9/13/2023	Floor	On-Site	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-005.0-04.0-S	4	8/21/2023	Floor	On-Site	Composite	In-Situ	176.00	15.40	15.40	<10.0	15.40	<10.0	<.300	<0.50
CF-006.0-05.0-S	5	8/21/2023	Floor	On-Site	Composite	In-Situ	320.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-007.0-04.5-S	4.5	8/21/2023	Floor	On-Site	Composite	In-Situ	224.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-008.0-04.5-S	4.5	8/21/2023	Floor	On-Site	Composite	In-Situ	224.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-009.0-03.5-S	3.5	8/21/2023	Floor	On-Site	Composite	In-Situ	400.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-010.0-08.0-S	8	8/21/2023	Floor	On-Site	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-011.0-03.0-S	3	8/21/2023	Floor	On-Site	Composite	In-Situ	304.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-012.0-05.0-S	5	8/21/2023	Floor	On-Site	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-013.0-08.0-S	8	8/21/2023	Floor	On-Site	Composite	In-Situ	432.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-014.0-05.0-S	5	8/21/2023	Floor	On-Site	Composite	In-Situ	144.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-015.0-02.0-S	2	8/21/2023	Floor	On-Site	Composite	Excavated	640.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-015.0-02.5-S	2.5	9/13/2023	Floor	On-Site	Composite	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-016.0-02.0-S	2	8/21/2023	Floor	On-Site	Composite	In-Situ	368.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-017.0-02.0-S	2	8/21/2023	Floor	On-Site	Composite	In-Situ	432.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-018.0-02.0-S	2	8/21/2023	Floor	On-Site	Composite	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-019.0-03.0-S	3	8/21/2023	Floor	On-Site	Composite	In-Situ	144.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-020.0-03.0-S	3	8/21/2023	Floor	On-Site	Composite	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-021.0-03.0-S	3	8/21/2023	Floor	On-Site	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-022.0-03.0-S	3	8/21/2023	Floor	On-Site	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-023.0-03.5-S	3.5	8/24/2023	Floor	On-Site	Composite	Excavated	624.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-023.0-04.0-S	4	9/13/2023	Floor	On-Site	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-024.0-05.0-S	5	8/24/2023	Floor	On-Site	Composite	In-Situ	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-025.0-08.0-S	8	8/24/2023	Floor	On-Site	Composite	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-026.0-05.0-S	5	8/24/2023	Floor	On-Site	Composite	In-Situ	208.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-027.0-08.0-S	8	8/24/2023	Floor	On-Site	Composite	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
Remediation Walls														
CW-001.0-01.0-S	1	8/21/2023	Wall	On-Site	Composite	In-Situ	304.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-002.0-01.5-S	1.5	8/21/2023	Wall	On-Site	Composite	In-Situ	192.00	31.30	31.30	<10.0	31.30	<10.0	<.300	<0.50
CW-003.0-04.0-S	4	8/21/2023	Wall	On-Site	Composite	In-Situ	208.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-004.0-04.0-S	4	8/24/2023	Wall	On-Site	Composite	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-005.0-02.5-S	2.5	8/24/2023	Wall	On-Site	Composite	In-Situ	160.00	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

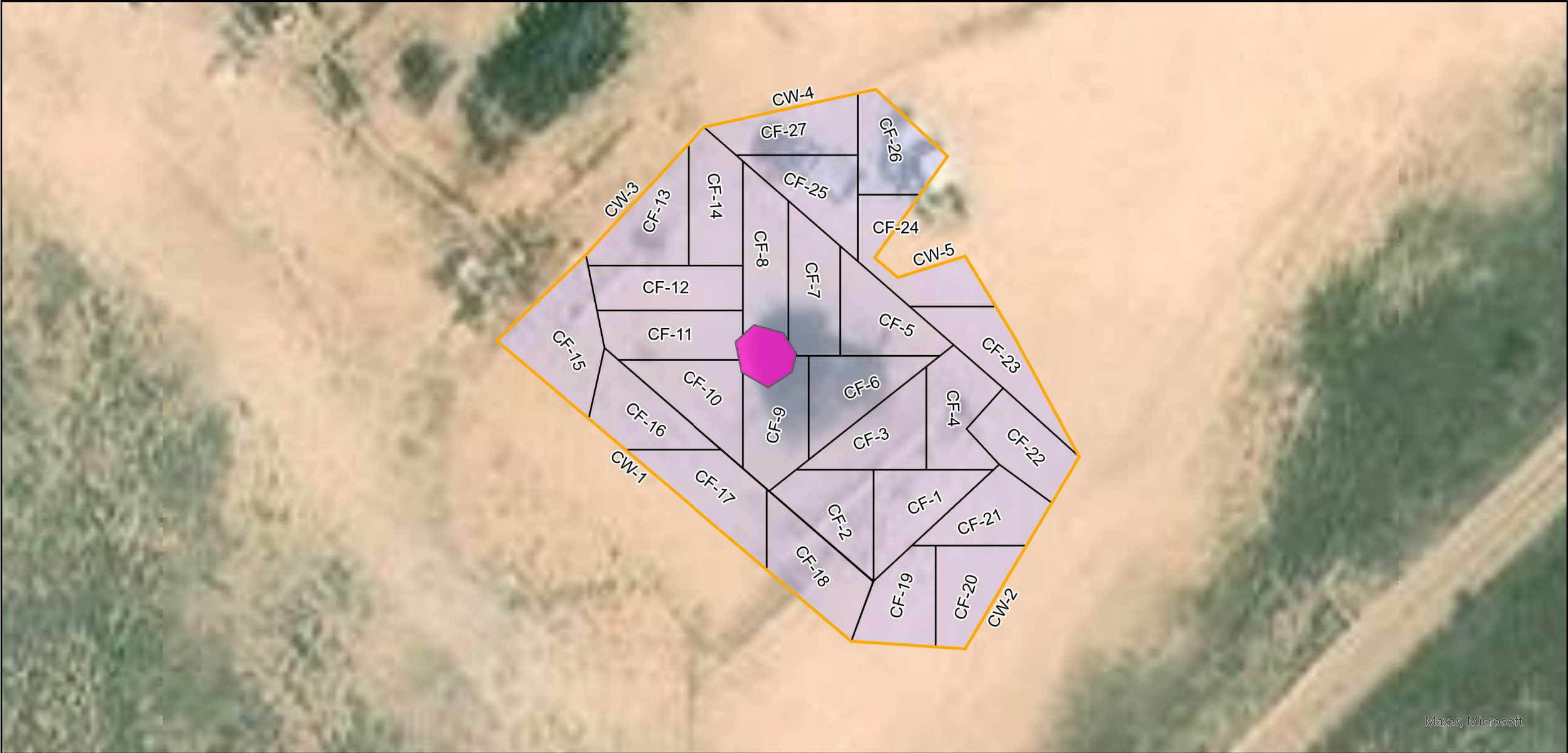


Legend:

- Vertical Delineation
- Horizontal Delineation
- Release Area
- Existing Infrastructure

Delineation Map
Mewbourne Oil Co.
Browning 9 FED #1
Eddy County, New Mexico
32.583502, -104.085485
NMOCD Reference # NAPP2225936945





Maxar, Microsoft

Legend:

- Remediation Wall
- Remediation Floor
- Excavation Area
- Existing Infrastructure

Remediation Map
Mewbourne Oil Co.
Browning 9 FED #1
Eddy County, New Mexico
32.583502, -104.085485
NMOCD Reference # NAPP2225936945





Initial Release

Pad:





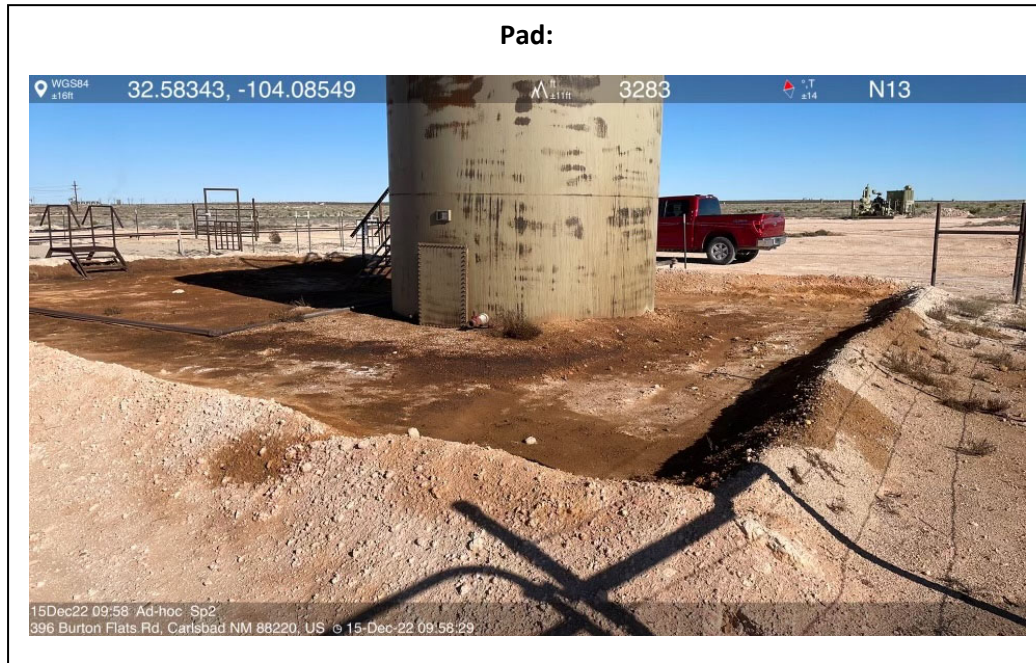
Initial Release

Pad:





Initial Release





Excavation

Pad:



Pad:





Excavation

Pad:



Pad:





Excavation

Pad:



Pad:





Excavation

Pad:



Pad:





Excavation

Pad:



Pad:





Excavation

Pad:



Pad:





Excavation

Pad:



Pad:





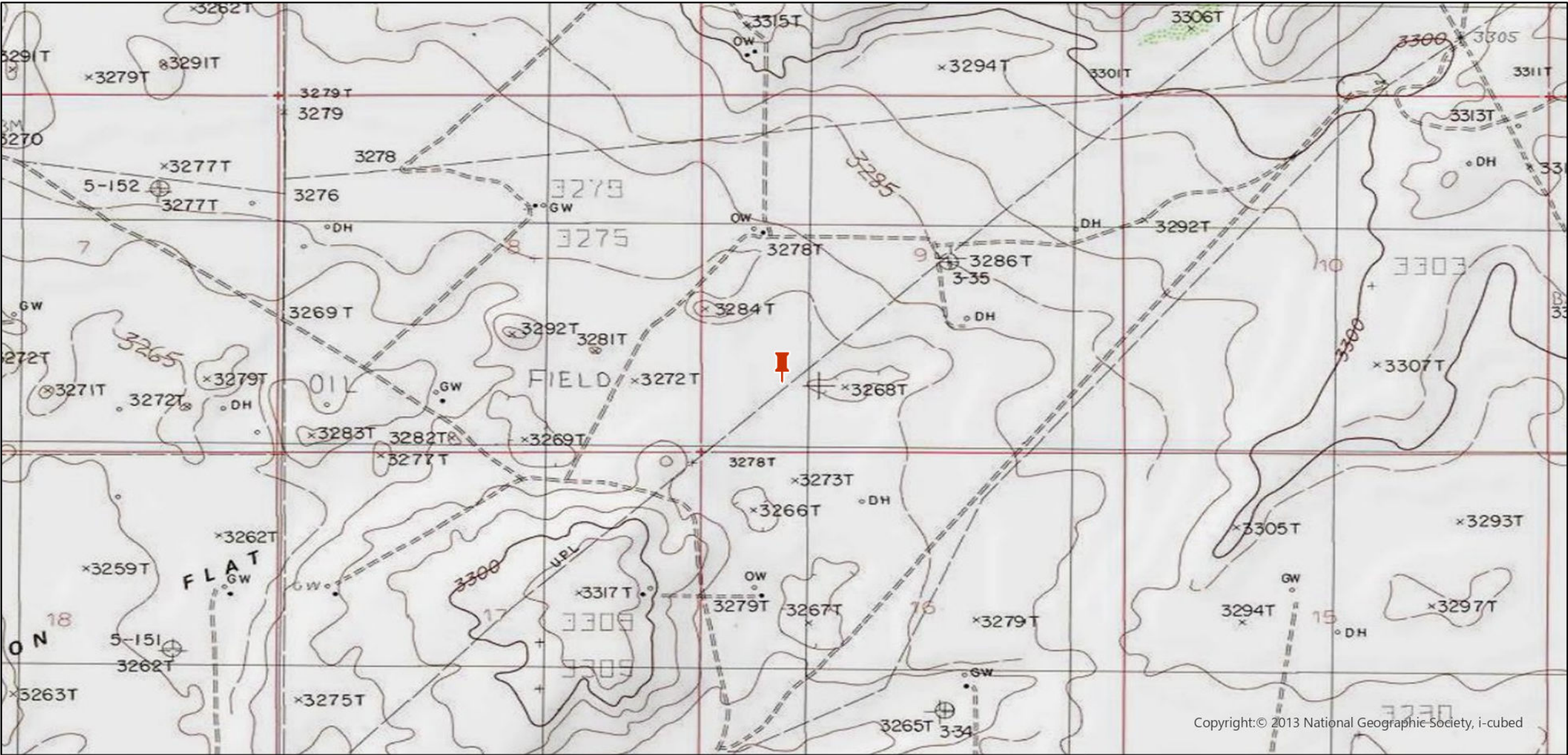
Excavation

Pad:



Pad:



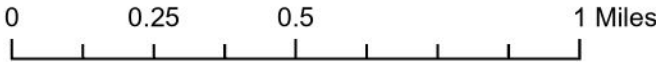


Legend:

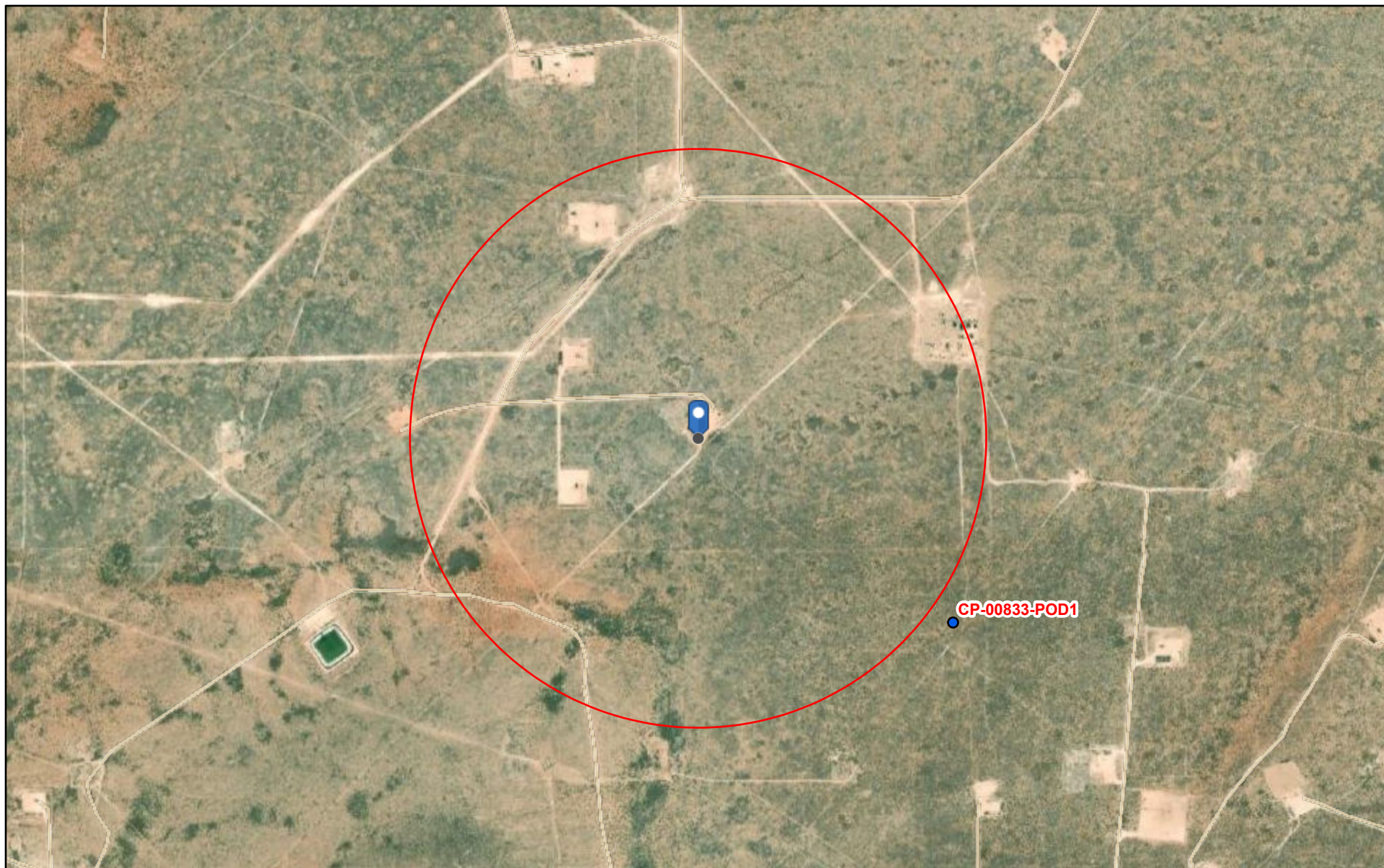


Site Location

Site Location Map
Mewbourne Oil Co.
Browning 9 FED #1
Eddy County, New Mexico
32.583502,-104.085485
NMOCD Reference # NAPP2225936945



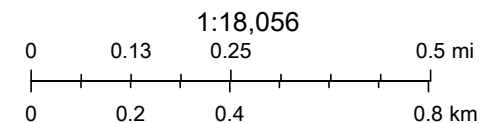
NAPP2225936945 | BROWNING 9 FED #1



1/10/2023, 1:24:01 PM

GIS WATERS PODs OSE District Boundary

● Active SiteBoundaries



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

Web Generated Map
Map is generated by web users.



NAPP2225936945 | BROWNING 9 FED #1



January 10, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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

National Flood Hazard Layer FIRMette



104°5'26"W 32°35'16"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
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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



The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/10/2023 at 3:26 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.

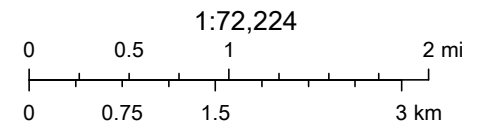
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

NAPP2225936945 | BROWNING 9 FED #1



1/10/2023, 1:20:36 PM

Karst Occurrence Potential  Medium
 High

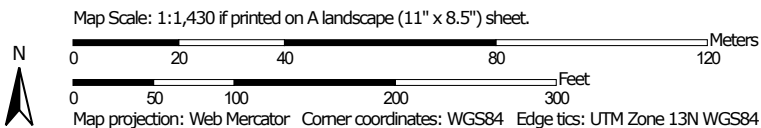


BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA

Soil Map—Eddy Area, New Mexico
(NAPP2225936945 | BROWNING 9 FED #1)



Soil Map may not be valid at this scale.



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

1/10/2023
Page 1 of 3

Soil Map—Eddy Area, New Mexico
(NAPP2225936945 | BROWNING 9 FED #1)


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 18, Sep 8, 2022

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

Date(s) aerial images were photographed: Feb 27, 2020—Feb 28, 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
RG	Reeves-Gypsum land complex, 0 to 3 percent slopes	8.8	100.0%
Totals for Area of Interest		8.8	100.0%



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

July 28, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: BROWNING 9 FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 07/21/23 16:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 07/21/2023
 Reported: 07/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 07/19/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DV-001.0-08.0-S (H233830-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2023	ND	1.95	97.5	2.00	0.530	
Toluene*	<0.050	0.050	07/27/2023	ND	2.20	110	2.00	6.38	
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.25	113	2.00	8.69	
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.88	115	6.00	10.3	
Total BTEX	<0.300	0.300	07/27/2023	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	336	16.0	07/26/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	172	86.2	200	0.187	
DRO >C10-C28*	27.2	10.0	07/26/2023	ND	177	88.4	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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: 07/21/2023
 Reported: 07/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 07/19/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DV-002.0-06.0-S (H233830-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.95	97.5	2.00	0.530		
Toluene*	<0.050	0.050	07/27/2023	ND	2.20	110	2.00	6.38		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.25	113	2.00	8.69		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.88	115	6.00	10.3		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	112	16.0	07/26/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	172	86.2	200	0.187	
DRO >C10-C28*	<10.0	10.0	07/26/2023	ND	177	88.4	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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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: 07/21/2023
 Reported: 07/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 07/19/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-001.0-01.0-S (H233830-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.95	97.5	2.00	0.530		
Toluene*	<0.050	0.050	07/27/2023	ND	2.20	110	2.00	6.38		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.25	113	2.00	8.69		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.88	115	6.00	10.3		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	07/26/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	172	86.2	200	0.187	
DRO >C10-C28*	161	10.0	07/26/2023	ND	177	88.4	200	1.20	
EXT DRO >C28-C36	99.6	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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: 07/21/2023
 Reported: 07/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 07/19/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-002.0-01.0-S (H233830-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.95	97.5	2.00	0.530		
Toluene*	<0.050	0.050	07/27/2023	ND	2.20	110	2.00	6.38		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.25	113	2.00	8.69		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.88	115	6.00	10.3		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	64.0	16.0	07/26/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	172	86.2	200	0.187	
DRO >C10-C28*	162	10.0	07/26/2023	ND	177	88.4	200	1.20	
EXT DRO >C28-C36	98.6	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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: 07/21/2023
 Reported: 07/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 07/19/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-003.0-01.0-S (H233830-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.95	97.5	2.00	0.530		
Toluene*	<0.050	0.050	07/27/2023	ND	2.20	110	2.00	6.38		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.25	113	2.00	8.69		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.88	115	6.00	10.3		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	112	16.0	07/26/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	172	86.2	200	0.187	
DRO >C10-C28*	433	10.0	07/26/2023	ND	177	88.4	200	1.20	
EXT DRO >C28-C36	217	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 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: 07/21/2023
 Reported: 07/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 07/19/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-004.0-01.0-S (H233830-06)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.95	97.5	2.00	0.530		
Toluene*	<0.050	0.050	07/27/2023	ND	2.20	110	2.00	6.38		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.25	113	2.00	8.69		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.88	115	6.00	10.3		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	112	16.0	07/26/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	172	86.2	200	0.187	
DRO >C10-C28*	422	10.0	07/26/2023	ND	177	88.4	200	1.20	
EXT DRO >C28-C36	210	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 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: 07/21/2023
 Reported: 07/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 07/19/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-005.0-01.0-S (H233830-07)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.95	97.5	2.00	0.530		
Toluene*	<0.050	0.050	07/27/2023	ND	2.20	110	2.00	6.38		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.25	113	2.00	8.69		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.88	115	6.00	10.3		
Total BTX	<0.300	0.300	07/27/2023	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	128	16.0	07/26/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	172	86.2	200	0.187	
DRO >C10-C28*	128	10.0	07/26/2023	ND	177	88.4	200	1.20	
EXT DRO >C28-C36	129	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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: 07/21/2023
 Reported: 07/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 07/19/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-006.0-01.0-S (H233830-08)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2023	ND	1.95	97.5	2.00	0.530		
Toluene*	<0.050	0.050	07/27/2023	ND	2.20	110	2.00	6.38		
Ethylbenzene*	<0.050	0.050	07/27/2023	ND	2.25	113	2.00	8.69		
Total Xylenes*	<0.150	0.150	07/27/2023	ND	6.88	115	6.00	10.3		
Total BTEX	<0.300	0.300	07/27/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	112	16.0	07/26/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/26/2023	ND	172	86.2	200	0.187	
DRO >C10-C28*	127	10.0	07/26/2023	ND	177	88.4	200	1.20	
EXT DRO >C28-C36	125	10.0	07/26/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

[illegible]



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

August 28, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: BROWNING 9 FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 08/22/23 16:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-001.0-05.0-S (H234577-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07	
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33	
Total BTEX	<0.300	0.300	08/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	112	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-002.0-04.0-S (H234577-02)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07		
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33		
Total BTX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 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	160	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.2 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-003.0-09.0-S (H234577-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07		
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	80.0	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-004.0-07.0-S (H234577-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07		
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	688	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	12.6	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-005.0-04.0-S (H234577-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07	
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33	
Total BTEX	<0.300	0.300	08/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	176	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	15.4	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-006.0-05.0-S (H234577-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07	
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33	
Total BTEX	<0.300	0.300	08/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	320	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 71.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.2 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-007.0-04.5-S (H234577-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07		
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	224	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-008.0-04.5-S (H234577-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07		
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33		
Total BTEX	<0.300	0.300	08/26/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.6 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-009.0-03.5-S (H234577-09)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07		
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33		
Total BTX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	400	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-010.0-08.0-S (H234577-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07		
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 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	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-011.0-03.0-S (H234577-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07		
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	304	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-012.0-05.0-S (H234577-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07		
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	192	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-013.0-08.0-S (H234577-13)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07	
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33	
Total BTEX	<0.300	0.300	08/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	432	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-014.0-05.0-S (H234577-14)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.08	104	2.00	1.07	
Toluene*	<0.050	0.050	08/26/2023	ND	2.10	105	2.00	0.338	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.04	102	2.00	1.34	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.17	103	6.00	1.33	
Total BTX	<0.300	0.300	08/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 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	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-015.0-02.0-S (H234577-15)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	640	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-016.0-02.0-S (H234577-16)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	368	16.0	08/25/2023	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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-017.0-02.0-S (H234577-17)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 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	432	16.0	08/25/2023	ND	448	112	400	3.64		

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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-018.0-02.0-S (H234577-18)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	192	16.0	08/25/2023	ND	448	112	400	3.64		

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	08/24/2023	ND	152	76.2	200	1.78	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	162	81.2	200	2.89	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-019.0-03.0-S (H234577-19)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	08/25/2023	ND	448	112	400	3.64		

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	08/24/2023	ND	156	78.0	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	176	87.9	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-020.0-03.0-S (H234577-20)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 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	08/25/2023	ND	448	112	400	3.64		

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	08/24/2023	ND	156	78.0	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	176	87.9	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-021.0-03.0-S (H234577-21)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	08/25/2023	ND	448	112	400	3.64		

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	08/24/2023	ND	156	78.0	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	176	87.9	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-022.0-03.0-S (H234577-22)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	08/25/2023	ND	448	112	400	3.64		

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	08/24/2023	ND	156	78.0	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	176	87.9	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 84.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CW-001.0-01.0-S (H234577-23)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	08/25/2023	ND	448	112	400	3.64		

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	08/24/2023	ND	156	78.0	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	176	87.9	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CW-002.0-01.5-S (H234577-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12	
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748	
Total BTEX	<0.300	0.300	08/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	192	16.0	08/25/2023	ND	448	112	400	3.64	

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	08/24/2023	ND	156	78.0	200	1.02	
DRO >C10-C28*	31.3	10.0	08/24/2023	ND	176	87.9	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CW-003.0-04.0-S (H234577-25)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12	
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606	
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795	
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748	
Total BTEX	<0.300	0.300	08/26/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	208	16.0	08/25/2023	ND	448	112	400	3.64		

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	08/24/2023	ND	156	78.0	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	176	87.9	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-001.1-01.0-S (H234577-26)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 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	08/25/2023	ND	448	112	400	3.64		

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	08/24/2023	ND	156	78.0	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	176	87.9	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-005.1-01.0-S (H234577-27)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	08/25/2023	ND	448	112	400	3.64		

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	08/24/2023	ND	156	78.0	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	176	87.9	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 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: 08/22/2023
 Reported: 08/28/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-006.1-01.0-S (H234577-28)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/26/2023	ND	2.13	106	2.00	1.12		
Toluene*	<0.050	0.050	08/26/2023	ND	2.16	108	2.00	0.606		
Ethylbenzene*	<0.050	0.050	08/26/2023	ND	2.11	106	2.00	0.795		
Total Xylenes*	<0.150	0.150	08/26/2023	ND	6.41	107	6.00	0.748		
Total BTEX	<0.300	0.300	08/26/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	336	16.0	08/25/2023	ND	448	112	400	3.64		

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	08/24/2023	ND	156	78.0	200	1.02	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	176	87.9	200	6.22	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Trinity Oilfield Services

Project Manager: Dan Dunkelberg

Address: 8426 N Dal Paso

City: Hobbs

Phone #:

Project #:

Project Name: Browning 9 Federal #001

Project Location: Eddy Co NM

Sample Name: JHC

P.O. #:

Company: Mewbourne Oil Co.

Attn: Corner Walker

Address:

City:

State:

Zip:

Phone #:

Fax #:

Matrix: (G)RAB OR (C)OMP.

CONTAINERS:

GROUNDWATER:

WASTEWATER:

SOIL:

OIL:

SLUDGE:

OTHER:

ACID/BASE:

ICE / COOL:

OTHER:

DATE: 8/18/35

TIME:

Chloride:

TPH:

BTEX:

Lab I.D.	Sample I.D.	Matrix	Preserv.	Sampling	Chloride	TPH	BTEX													
1	CF-001 0-05 0-S	C 1			X	X	X													
2	CF-002 0-04 0-S	C 1			X	X	X													
3	CF-003 0-09 0-S	C 1			X	X	X													
4	CF-004 0-07 0-S	C 1			X	X	X													
5	CF-005 0-04 0-S	C 1			X	X	X													
6	CF-006 0-05 0-S	C 1			X	X	X													
7	CF-007 0-04 5-S	C 1			X	X	X													
8	CF-008 0-04 5-S	C 1			X	X	X													
9	CF-009 0-03 5-S	C 1			X	X	X													
10	CF-010 0-08 0-S	C 1			X	X	X													

Relinquished By: [Signature]

Date: 8-22-25

Time: 11:50

Received By: [Signature]

Date:

Time:

Verbal Result:

Yes ☐ **No** ☐ **Add'l Phone #:**

Delivered By: (Circle One)

Observed Temp. °C: -03

Corrected Temp. °C:

Sample Condition: Cool Intact ☒ Yes ☐ No

CHECKED BY: [Signature] (Initials)

Turnaround Time:

Thermometer ID #148

Correction Factor 0 °C:

Standard: ☒ **Bacteria (only) Sample Condition:** ☒ **Intact:** ☒ **Observed Temp. °C:**

Corrected Temp. °C:

REMARKS: *customer asked sample date. Specimens 8/23/35

All Results are emailed. Please provide Email address:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



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

August 31, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: BROWNING 9 FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 08/25/23 15:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/25/2023
 Reported: 08/31/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CW-004.0-04.0-S (H234650-01)

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	08/29/2023	ND	1.85	92.5	2.00	2.93		
Toluene*	<0.050	0.050	08/29/2023	ND	2.15	108	2.00	3.91		
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.20	110	2.00	4.28		
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.56	109	6.00	5.27		
Total BTEX	<0.300	0.300	08/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	112	16.0	08/29/2023	ND	432	108	400	3.64		

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	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 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: 08/25/2023
 Reported: 08/31/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CW-005.0-02.5-S (H234650-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/29/2023	ND	1.85	92.5	2.00	2.93		
Toluene*	<0.050	0.050	08/29/2023	ND	2.15	108	2.00	3.91		
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.20	110	2.00	4.28		
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.56	109	6.00	5.27		
Total BTX	<0.300	0.300	08/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	160	16.0	08/29/2023	ND	432	108	400	3.64		

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	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 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: 08/25/2023
 Reported: 08/31/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-002.1-01.0-S (H234650-03)

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	08/29/2023	ND	1.85	92.5	2.00	2.93		
Toluene*	<0.050	0.050	08/29/2023	ND	2.15	108	2.00	3.91		
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.20	110	2.00	4.28		
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.56	109	6.00	5.27		
Total BTEX	<0.300	0.300	08/29/2023	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	112	16.0	08/29/2023	ND	432	108	400	3.64		

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	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 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: 08/25/2023
 Reported: 08/31/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-003.1-01.0-S (H234650-04)

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	08/30/2023	ND	1.85	92.5	2.00	2.93		
Toluene*	<0.050	0.050	08/30/2023	ND	2.15	108	2.00	3.91		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.20	110	2.00	4.28		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.56	109	6.00	5.27		
Total BTEX	<0.300	0.300	08/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	64.0	16.0	08/29/2023	ND	432	108	400	3.64		

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	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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: 08/25/2023
 Reported: 08/31/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DH-004.1-01.0-S (H234650-05)

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	08/30/2023	ND	1.85	92.5	2.00	2.93		
Toluene*	<0.050	0.050	08/30/2023	ND	2.15	108	2.00	3.91		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.20	110	2.00	4.28		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.56	109	6.00	5.27		
Total BTEX	<0.300	0.300	08/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	96.0	16.0	08/29/2023	ND	432	108	400	3.64		

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	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 08/25/2023
 Reported: 08/31/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-023.0-03.5-S (H234650-06)

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	08/30/2023	ND	1.85	92.5	2.00	2.93		
Toluene*	<0.050	0.050	08/30/2023	ND	2.15	108	2.00	3.91		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.20	110	2.00	4.28		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.56	109	6.00	5.27		
Total BTEX	<0.300	0.300	08/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	624	16.0	08/29/2023	ND	432	108	400	3.64		

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	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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: 08/25/2023
 Reported: 08/31/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-024.0-05.0-S (H234650-07)

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	08/30/2023	ND	1.85	92.5	2.00	2.93		
Toluene*	<0.050	0.050	08/30/2023	ND	2.15	108	2.00	3.91		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.20	110	2.00	4.28		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.56	109	6.00	5.27		
Total BTEX	<0.300	0.300	08/30/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	96.0	16.0	08/29/2023	ND	432	108	400	3.64		

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	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 08/25/2023
 Reported: 08/31/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-025.0-08.0-S (H234650-08)

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	08/30/2023	ND	1.85	92.5	2.00	2.93		
Toluene*	<0.050	0.050	08/30/2023	ND	2.15	108	2.00	3.91		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.20	110	2.00	4.28		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.56	109	6.00	5.27		
Total BTEX	<0.300	0.300	08/30/2023	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	64.0	16.0	08/29/2023	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	08/29/2023	ND	171	85.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	79.9	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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: 08/25/2023
 Reported: 08/31/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-026.0-05.0-S (H234650-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2023	ND	1.85	92.5	2.00	2.93		
Toluene*	<0.050	0.050	08/30/2023	ND	2.15	108	2.00	3.91		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.20	110	2.00	4.28		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.56	109	6.00	5.27		
Total BTX	<0.300	0.300	08/30/2023	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	208	16.0	08/29/2023	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	08/29/2023	ND	171	85.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	79.9	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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: 08/25/2023
 Reported: 08/31/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 08/24/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CF-027.0-08.0-S (H234650-10)

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	08/30/2023	ND	1.85	92.5	2.00	2.93		
Toluene*	<0.050	0.050	08/30/2023	ND	2.15	108	2.00	3.91		
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.20	110	2.00	4.28		
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.56	109	6.00	5.27		
Total BTEX	<0.300	0.300	08/30/2023	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	48.0	16.0	08/29/2023	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	08/29/2023	ND	171	85.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	79.9	200	4.71	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

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

September 20, 2023

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: BROWNING 9 FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 09/15/23 16:31.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/15/2023
 Reported: 09/20/2023
 Project Name: BROWNING 9 FEDERAL #001
 Project Number: NOT GIVEN
 Project Location: MEWBOURNE - EDDY CO., NM

Sampling Date: 09/13/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CF-004.0-07.5-S (H235015-01)

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	09/18/2023	ND	416	104	400	3.77	

Sample ID: CF-015.0-02.5-S (H235015-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/18/2023	ND	416	104	400	3.77	

Sample ID: CF-023.0-04.0-S (H235015-03)

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	09/18/2023	ND	416	104	400	3.77	

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager

[illegible]

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

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

QUESTIONS

Action 363024

QUESTIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:	14744
	Action Number:	363024
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2225936945
Incident Name	NAPP2225936945 BROWNING 9 FED #1 @ 30-015-34398
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-34398] BROWNING 9 FEDERAL #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BROWNING 9 FED #1
Date Release Discovered	09/02/2022
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Production Tank Crude Oil Released: 45 BBL Recovered: 20 BBL Lost: 25 BBL.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Production Tank Produced Water Released: 120 BBL Recovered: 90 BBL Lost: 30 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I

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District III

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Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

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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

QUESTIONS, Page 2

Action 363024

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:	14744
	Action Number:	363024
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 07/11/2024
--	---

District I

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Phone:(575) 393-6161 Fax:(575) 393-0720

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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

QUESTIONS, Page 3

Action 363024

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:	14744
	Action Number:	363024
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	Estimate or Other
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	688
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	650
GRO+DRO	(EPA SW-846 Method 8015M)	433
BTEX	(EPA SW-846 Method 8021B or 8260B)	10
Benzene	(EPA SW-846 Method 8021B or 8260B)	9.9

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	08/21/2023
On what date will (or did) the final sampling or liner inspection occur	09/13/2023
On what date will (or was) the remediation complete(d)	09/13/2023
What is the estimated surface area (in square feet) that will be reclaimed	2392
What is the estimated volume (in cubic yards) that will be reclaimed	915
What is the estimated surface area (in square feet) that will be remediated	2392
What is the estimated volume (in cubic yards) that will be remediated	915

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 363024

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:	14744
	Action Number:	363024
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 07/11/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 363024

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 363024
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 363024

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:
	14744
	Action Number:
	363024
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	363034
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/13/2023
What was the (estimated) number of samples that were to be gathered	32
What was the sampling surface area in square feet	2392

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2392
What was the total volume (cubic yards) remediated	915
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	2392
What was the total volume (in cubic yards) reclaimed	915
Summarize any additional remediation activities not included by answers (above)	Please see attached closure request for complete remediation activities.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Connor Walker Title: Senior Engineer Email: cwalker@mewbourne.com Date: 07/11/2024
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QUESTIONS, Page 7

Action 363024

QUESTIONS (continued)

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:	14744
	Action Number:	363024
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 363024

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID:
	14744
	Action Number:
	363024
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	7/16/2024
crystal.walker	Closure Report Approved. Please remember to submit Sampling Notifications for ALL Confirmation Sampling events.	7/16/2024