

Incident ID	NAPP2208253120
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Connor Walker Title: Sr. Engineer  
 Signature:  Date: 6/17/2022  
 email: cwalker@mewbourne.com Telephone: 806-202-5281

**OCD Only**

Received by: Robert Hamlet Date: 10/26/2022

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: 10/26/2022  
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Incident ID	NAPP2208253120
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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?	120 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input 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 1/2-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

Page 4

Incident ID	NAPP2208253120
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**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	NAPP2208253120
District RP	
Facility ID	
Application ID	

## Remediation Plan

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

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

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

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

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Printed Name: Connor Walker Title: Sr. Engineer

Signature:  Date: 6/17/2022

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: \_\_\_\_\_

Incident ID	NAPP2208253120
District RP	
Facility ID	
Application ID	

## Closure

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

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**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

# Trinity Oilfield Services & Rentals, LLC



June 9, 2022

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

Re: **Closure Request**  
**Delaware Ranch 13 B2DA Fee #1H**  
**Tracking #: NAPP2208253120**

Trinity Oilfield Services (Trinity), on behalf of Mewbourne Oil Co. (Mewbourne), 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	NAPP2208253120
Site Name	Delaware Ranch 13 B2DA Fee #1H
Company	Mewbourne Oil Co.
County	Eddy County, NM
ULSTR	A-14-26S-28E
GPS Coordinates (NAD 83)	32.047669, -104.049588
Landowner	Private

## RELEASE BACKGROUND

On 03/23/2022, Mewbourne reported a release at the referenced location. The release was caused when a dump on a compressor hung open and overflowed a tank set up to hold such releases. A berm around the tank contained the release. Approximately 1,000 ft<sup>2</sup> of the pad was found to be damp upon initial inspection

Release Information	
Date of Release	03/14/2022
Type of Release	Condensate
Source of Release	Overflow
Volume Released	Approximately 16 bbls
Volume Recovered	Approximately 0 bbls
Affected Area – Damp Soil	Pad - Approximately 1,000 sq. ft.
Site Location Map	Figure 1

## SITE CHARACTERIZATION AND CLOSURE CRITERIA

### Depth to Groundwater/Wellhead Protection:

Data Source	Well Number	Data Date	Depth (ft.)
NMOSE	C 02160 S	03/15/2012	120
USGS	NA	NA	NA

A search of the groundwater well databases maintained by the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) was conducted to determine if any registered groundwater wells are located within a 1/2 mile of the release site. The search revealed that one (1) well occurred in the data bases that meets the NMOCD criteria for age of data, distance of the data point well from the release point and a data point well having a diagram of construction.

#### General Site Characterization:

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

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

#### Closure Criteria:

Site & Pasture 4ft bgs	Recommended Remedial Action Levels (RRALs)
Chlorides	20,000 mg/kg
TPH (GRO and DRO and MRO)	2,500 mg/kg
Benzene	10 mg/kg
BTEX	50 mg/kg

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

#### INITIAL ASSESMENT AND REMEDIATION ACTIVITES

##### Initial Sample Activities:

Delineation Summary	
Delineation Dates	03/30/2022
Sample Locations	SP-1 – SP-2
Total Initial Samples	8
Depths Sampled	Surface to 8 ft bgs.
Delineation Map	Figure 2
Laboratory Results	Table 1

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

**Confirmation Activities:**

Remediation Summary	
Remediation Dates	03/17/2022 – 03/30/2022
Liner Variance Request	None
Deferral Request	None
Depths Excavated	1 – 7 ft
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqFt
Total Volume of Excavated Soil	215 yds
Remediation Map	Figure 3
Laboratory Results	Table 1

Impacted soil within the release margins were excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. The floors of the excavated area were advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the NMOCD Closure Criteria listed in the Table above, and all walls were advanced to meet reclamation standard. Confirmation soil samples (five-point composites representing no more than 200 ft<sup>2</sup> 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 a 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 which existed prior to 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 US Bureau of Land Management seed mixture during the first favorable growing season following closure of the site in accordance with the applicable regulatory agency.

**REQUEST FOR CLOSURE**

Supporting Documentation	
C-141: pages 3, 4, & 6	Signed and Attached
Depth to Groundwater Maps and Source	Attached
Delineation & Remediation Maps	Attached
US NWI Map	Attached
FEMA Flood Hazard Map	Attached
USDA Soil Survey	Attached
Site Photography	Attached
Laboratory Analytics with COCs	Attached

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

Sincerely,

*Dan Dunkelberg*

Dan Dunkelberg  
Project Manager

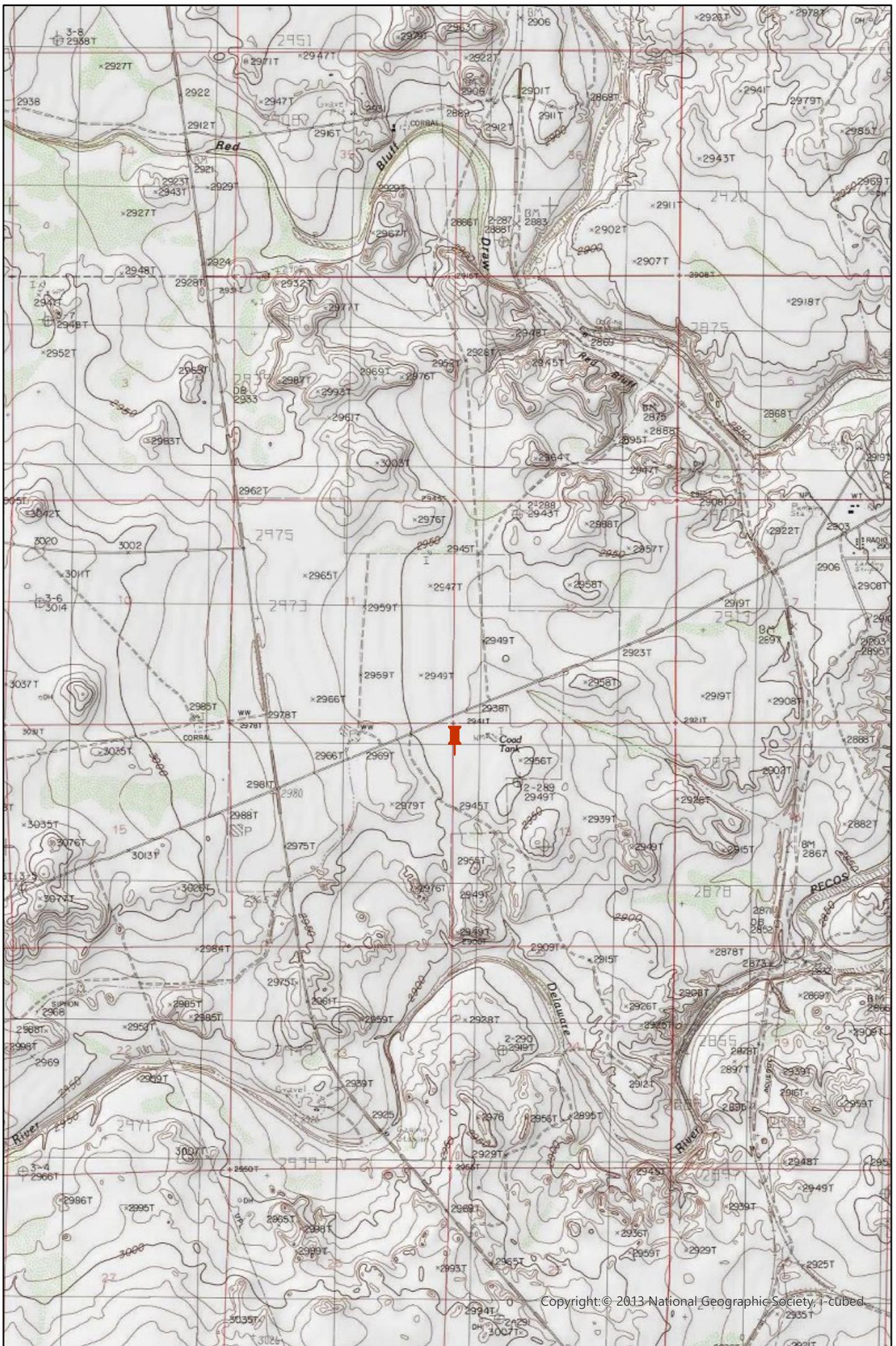


TABLE 1  
CONCENTRATIONS OF BENZENE, BTEX, TPH & CHLORIDE IN SOIL

MEWBOURNE OIL CO.  
DELAWARE RANCH 13 B2DA FED COM #1H  
EDDY COUNTY, NEW MEXICO  
NMOCD REFERENCE #: NAPP2208253120

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SAMPLE TYPE	SOIL STATUS	EPA SW-846 Method 8021B						EPA SW-846 Method 8015M					SM4500Cl-B	
					BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C <sub>6</sub> -C <sub>10</sub> (mg/Kg)	DRO C <sub>10</sub> -C <sub>28</sub> (mg/Kg)	GRO+ DRO (mg/kg)	MRO C <sub>28</sub> -C <sub>36</sub> (mg/Kg)	TPH C <sub>6</sub> -C <sub>36</sub> (mg/Kg)	CHLORIDE (mg/Kg)
<b>NMOCD Closure Limits</b>					<b>10</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>1,000</b>	<b>NE</b>	<b>2,500</b>	<b>20,000</b>
<b>Vertical Delineation</b>																	
SP - 1 @ SURFACE	0'	3/30/2022	Grab	In-Situ	<b>67.8</b>	433	102	-	-	856	<b>1460</b>	27500	7570	<b>35,070.00</b>	11400	<b>46,470.00</b>	1200
SP - 1 @ 1'	1'	3/30/2022	Grab	In-Situ	<0.050	1.86	<0.050	-	-	23.1	25.0	613	376	989.00	140	1,129.00	320
SP - 1 @ 2'	2'	3/30/2022	Grab	In-Situ	<0.050	1.24	<0.050	-	-	16.2	17.5	900	580	<b>1,480.00</b>	193	1,673.00	256
SP - 1 @ 3'	3'	3/30/2022	Grab	In-Situ	<0.050	0.962	<0.050	-	-	12.6	13.6	491	397	888.00	135	1,023.00	240
SP - 1 @ 4'	4'	3/30/2022	Grab	In-Situ	0.120	1.65	1.15	-	-	14.6	17.5	511	474	985.00	157	1,142.00	432
SP - 1 @ 8'	8'	3/30/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1440
SP - 2 @ SURFACE	0'	3/30/2022	Grab	In-Situ	<b>48.6</b>	348	95.5	-	-	741	<b>1230</b>	31300	10700	<b>42,000.00</b>	15500	<b>57,500.00</b>	1230
SP - 2 @ 2'	2'	3/30/2022	Grab	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
<b>Remediation Floors</b>																	
SR - 1 @ 7'	7'	3/17/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SR - 2 @ 1'	1'	3/17/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SR - 3 @ 7'	7'	3/30/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SR - 4 @ 7'	7'	3/30/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SR - 5 @ 1'	1'	3/30/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2800
<b>Remediation Walls</b>																	
SR - 1 N @ 4'	4'	3/17/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SR - 2 W @ 4'	4'	3/17/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
SR - 3 E @ 4'	4'	3/17/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
SR - 4 S @ 6"	6"	3/17/2022	Composite	In-Situ	<0.050	<0.050	<0.050	-	-	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288

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



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**Legend:**

 Site Location

**Figure 1**  
**Site Location Map**  
**Mewbourne Oil Co.**  
**Delaware Ranch 13 B2DA**  
**Fed Com #1H**  
**Eddy County, New Mexico**  
**NMOCD Reference #**  
**NAPP2208253120**

0 0.3 0.6 1.2 Miles





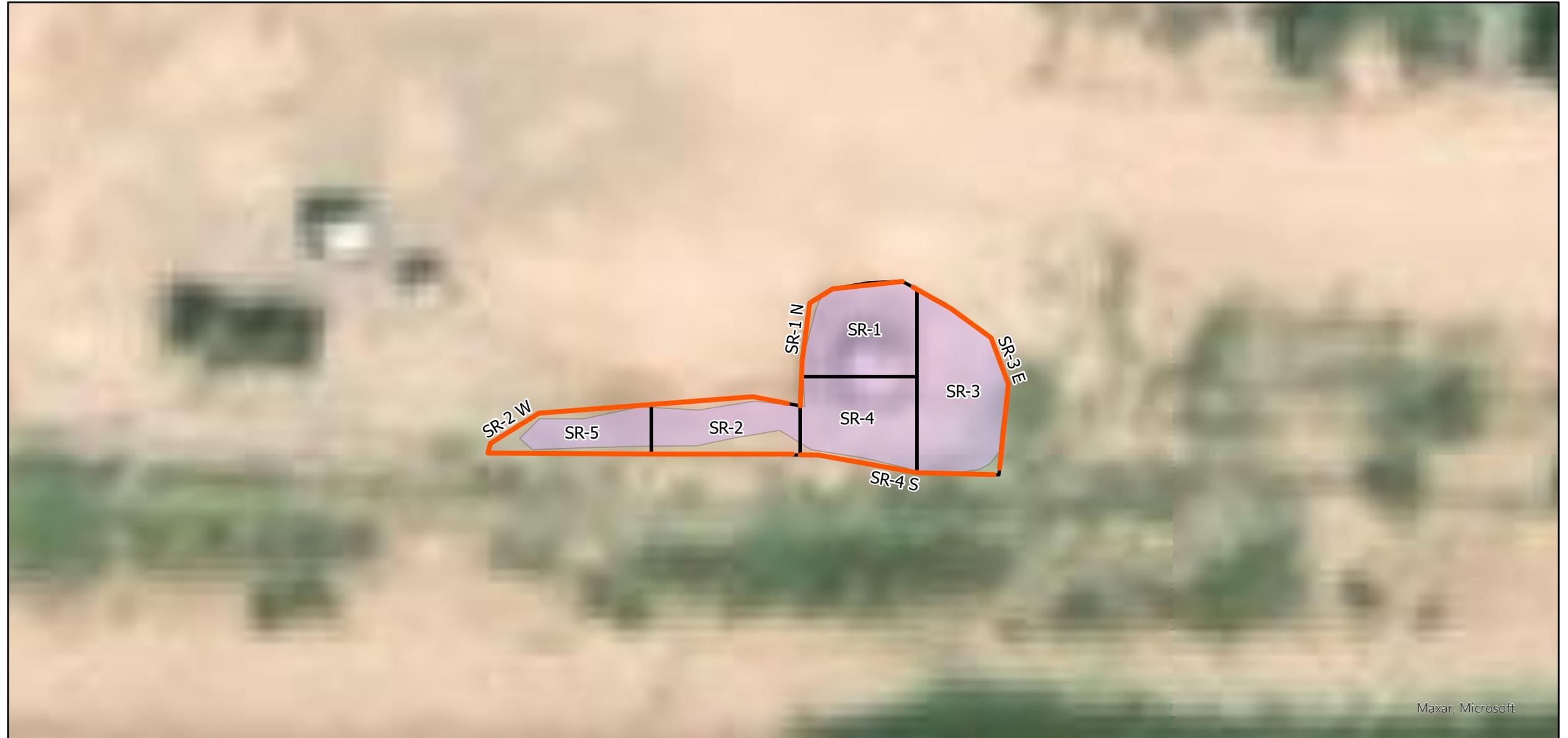
Maxar, Microsoft

**Legend:**

- Delineation
- Release

**Figure 2**  
**Initial Delineation Map**  
**Mewbourne Oil Co.**  
**Delaware Ranch 13 B2DA Fed Com #1H**  
**Eddy County, New Mexico**  
**NMOCD Reference # NAPP2208253120**

0 5 10 20 30 40 Feet

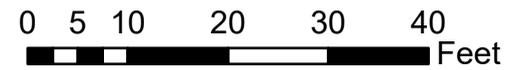


Maxar, Microsoft

**Legend:**

-  Remediation Walls
-  Remediation Floors
-  Release

**Figure 3**  
**Remediation Map**  
**Mewbourne Oil Co.**  
**Delaware Ranch 13 B2DA Fed Com #1H**  
**Eddy County, New Mexico**  
**NMOCD Reference # NAPP2208253120**

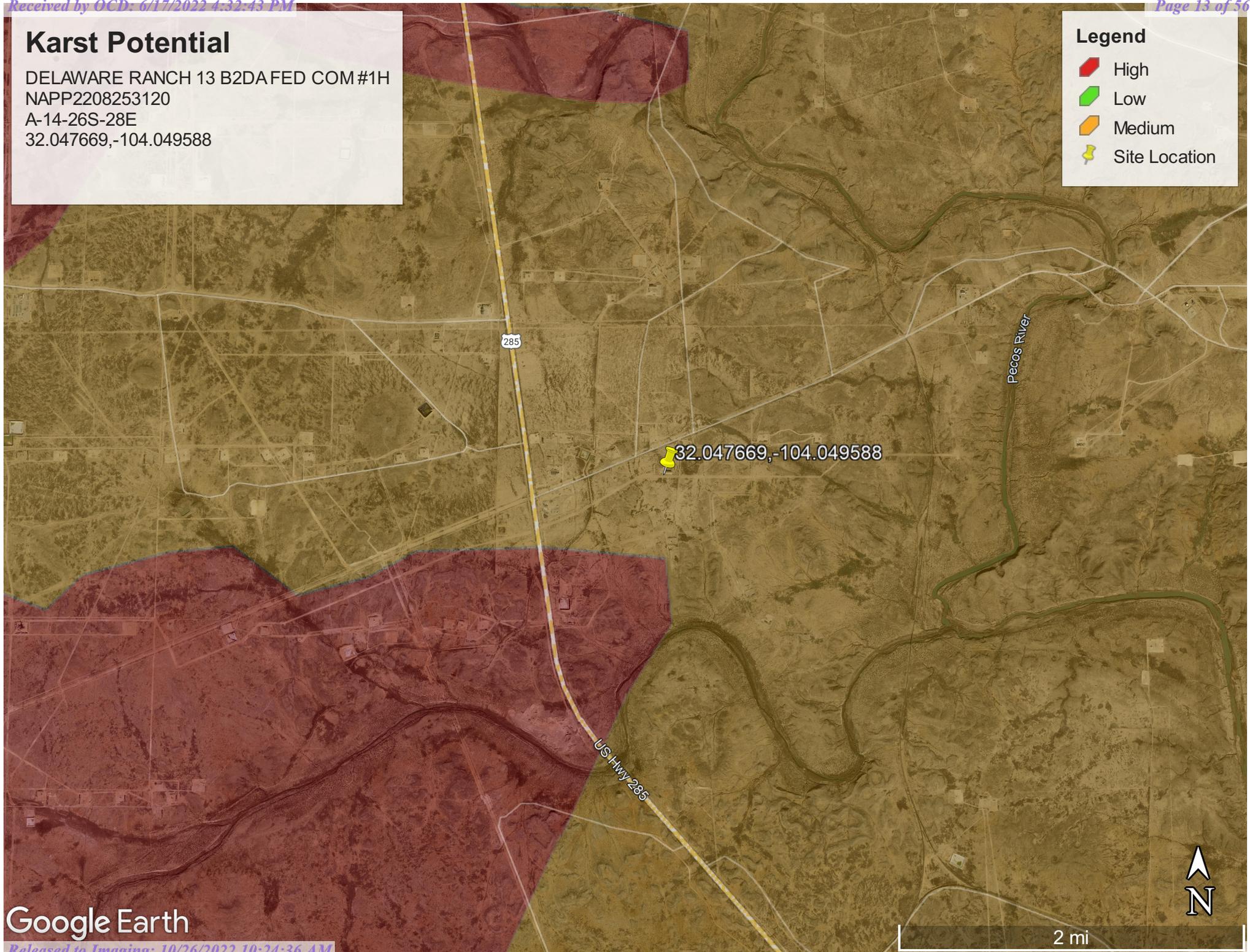


# Karst Potential

DELAWARE RANCH 13 B2DAFED COM #1H  
NAPP2208253120  
A-14-26S-28E  
32.047669,-104.049588

**Legend**

-  High
-  Low
-  Medium
-  Site Location

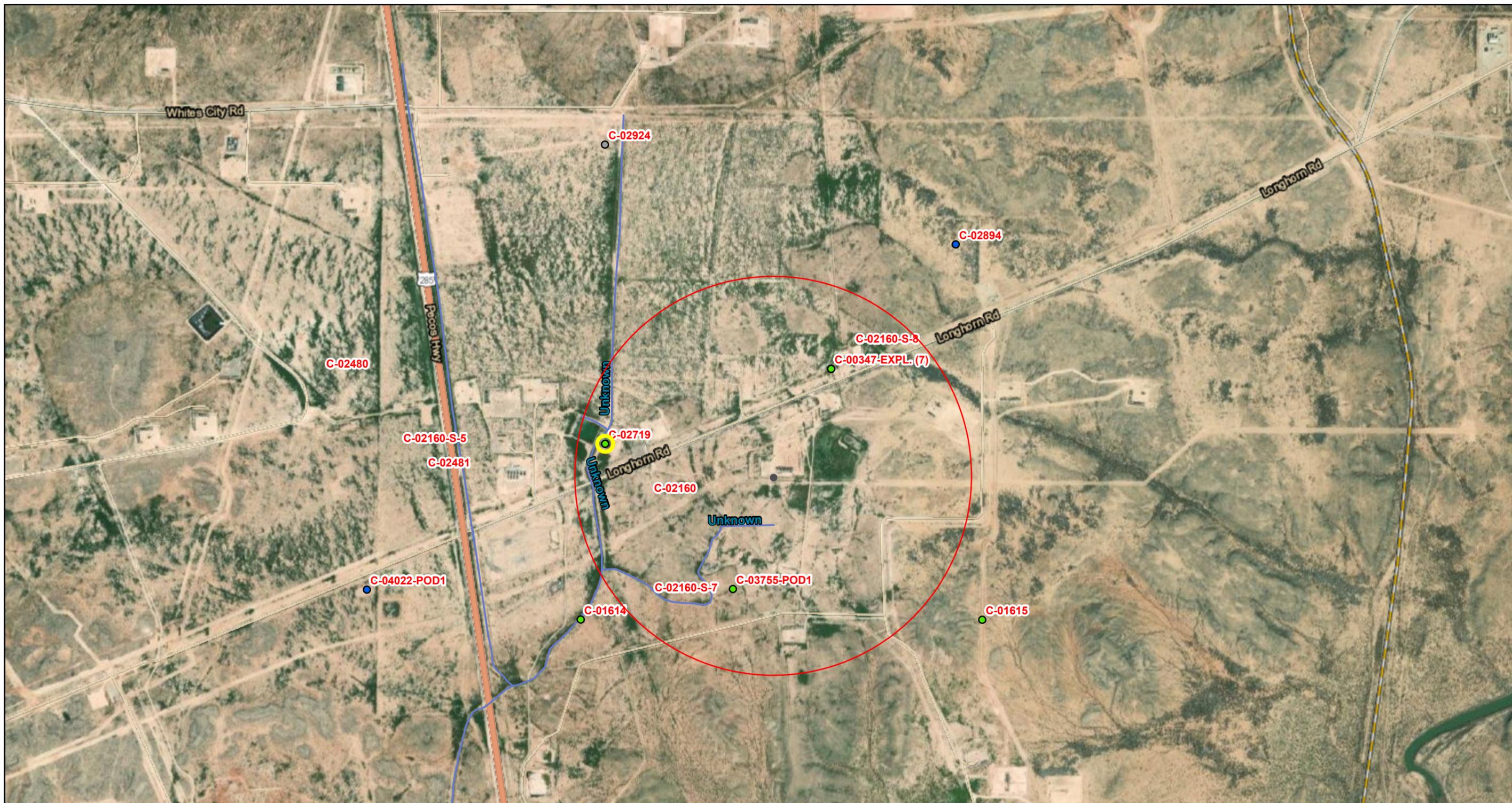


Google Earth



2 mi

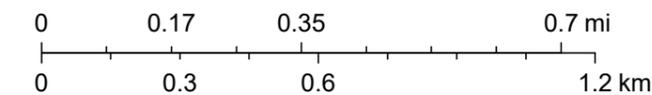
# NAPP2208253120 | DELAWARE RANCH 13 B2DA FED COM #1H



6/9/2022, 10:05:53 AM

1:18,056

- GIS WATERS PODs
- Active
  - Pending
  - Incomplete
- Conveyances
- OSE District Boundary
  - Ditch
  - ▭ Site Boundaries



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# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)  
(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 4	Q 1	Q 2	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<a href="#">C 02160</a>	CUB	ED		4	1	2	14	26S	28E	589243	3546044*	488	300	120	180
<a href="#">C 01668</a>	CUB	ED			3	3	12	26S	28E	589957	3546554*	496	250	100	150
<a href="#">C 02160 S8</a>	CUB	ED		2	3	3	12	26S	28E	590056	3546653*	631	200	120	80
<a href="#">C 02160 S</a>	CUB	ED		1	1	2	14	26S	28E	589043	3546244*	695	300	120	180
<a href="#">C 02160 S2</a>	CUB	ED		1	1	2	14	26S	28E	589043	3546244*	695	300	120	180

Average Depth to Water: **116 feet**  
 Minimum Depth: **100 feet**  
 Maximum Depth: **120 feet**

**Record Count: 5**

**UTMNAD83 Radius Search (in meters):**

**Easting (X):** 589726.74

**Northing (Y):** 3546114.42

**Radius:** 805

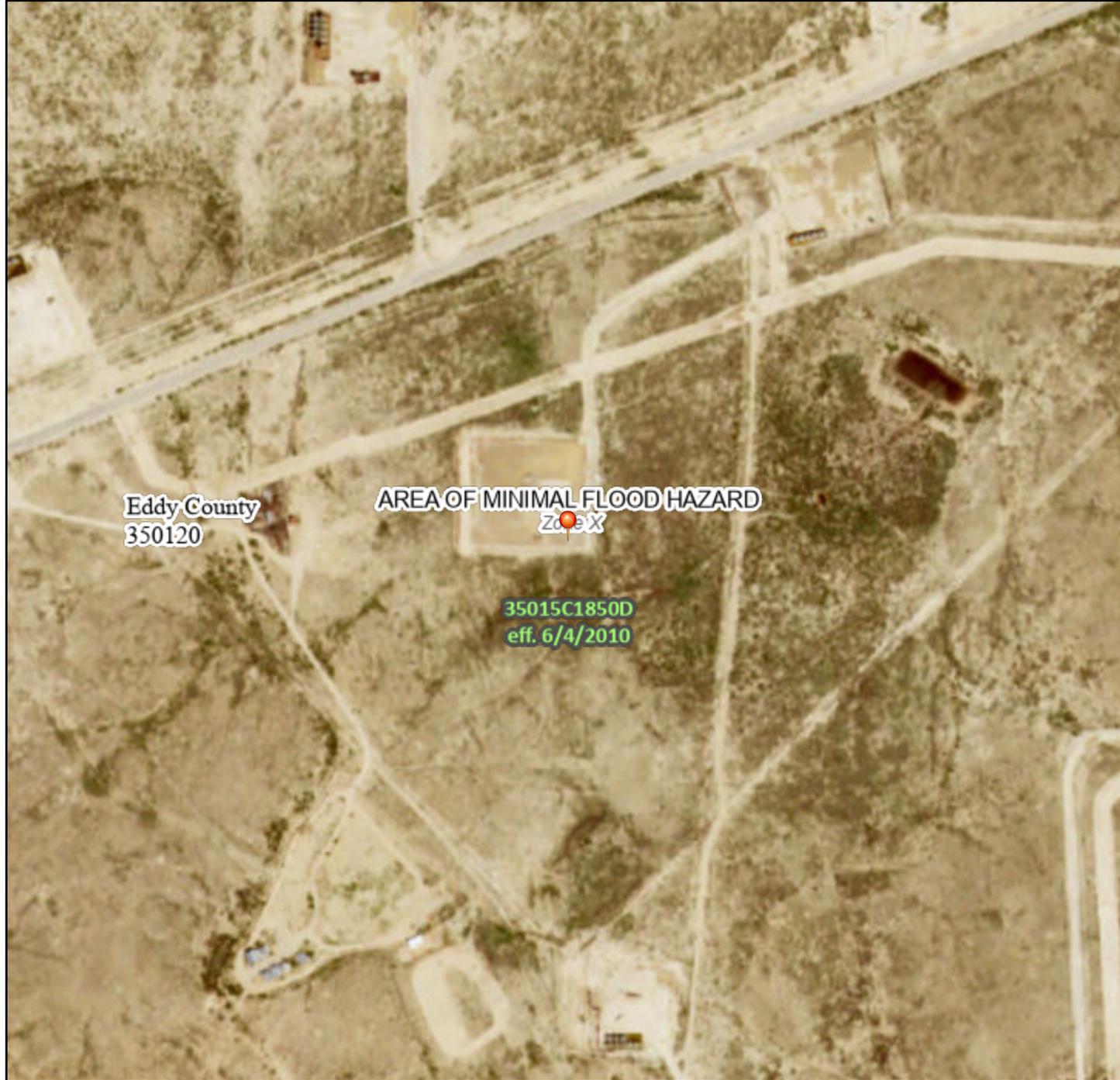
\*UTM location was derived from PLSS - see Help

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

# National Flood Hazard Layer FIRMette



104°3'17"W 32°3'7"N

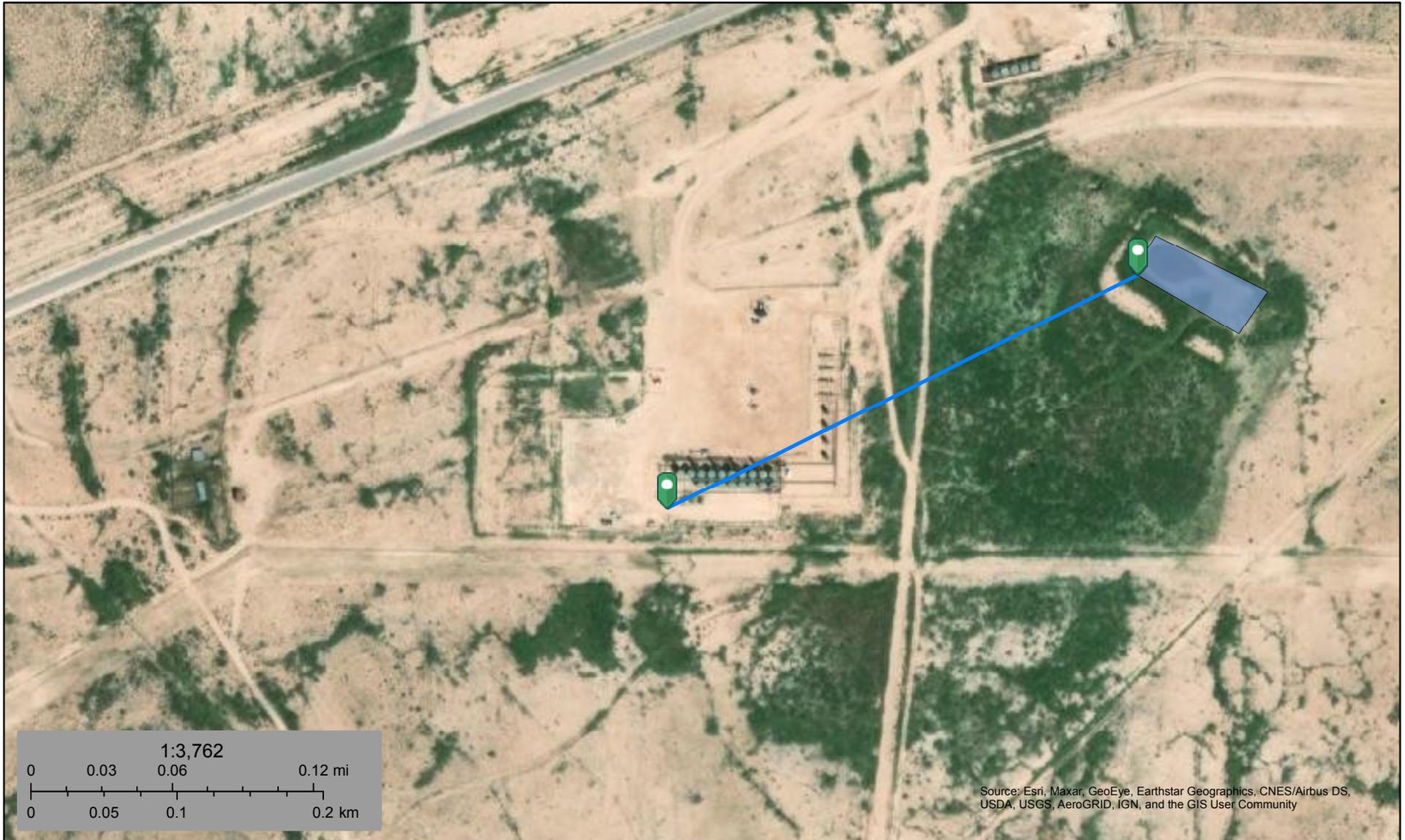


## Legend

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

- |                                    |  |  |
|------------------------------------|--|--|
| <b>SPECIAL FLOOD HAZARD AREAS</b>  |  | Without Base Flood Elevation (BFE)<br><i>Zone A, V, A99</i>  |
|                                    |  | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>   |
|                                    |  | Regulatory Floodway  |
| <b>OTHER AREAS OF FLOOD HAZARD</b> |  | 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 <i>Zone X</i> |
|                                    |  | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>  |
|                                    |  | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>  |
|                                    |  | Area with Flood Risk due to Levee <i>Zone D</i>  |
| <b>OTHER AREAS</b>                 |  | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>   |
|                                    |  | Effective LOMRs  |
| <b>GENERAL STRUCTURES</b>          |  | Area of Undetermined Flood Hazard <i>Zone D</i>  |
|                                    |  | Channel, Culvert, or Storm Sewer   |
|                                    |  | Levee, Dike, or Floodwall  |
| <b>OTHER FEATURES</b>              |  | 20.2 Cross Sections with 1% Annual Chance  |
|                                    |  | 17.5 Water Surface Elevation   |
|                                    |  | Coastal Transect   |
|                                    |  | Base Flood Elevation Line (BFE)  |
|                                    |  | Limit of Study   |
|                                    |  | Jurisdiction Boundary  |
| <b>MAP PANELS</b>                  |  | Coastal Transect Baseline  |
|                                    |  | Profile Baseline   |
|                                    |  | Hydrographic Feature   |
|                                    |  | 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.





April 19, 2022

**Wetlands**

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

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

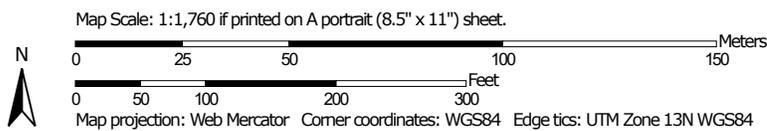
-  Lake
-  Other
-  Riverine

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

Soil Map—Eddy Area, New Mexico  
(NAPP2208253120 | DELAWARE RANCH 13 B2DA FED COM #1H)



Soil Map may not be valid at this scale.



Soil Map—Eddy Area, New Mexico  
(NAPP2208253120 | DELAWARE RANCH 13 B2DA FED COM #1H)

### MAP LEGEND

**Area of Interest (AOI)**

 Area of Interest (AOI)

**Soils**

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

**Special Point Features**



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

**Water Features**



Streams and Canals

**Transportation**



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

**Background**



Aerial Photography

### MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 17, Sep 12, 2021

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

Date(s) aerial images were photographed: Feb 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
RA	Reagan loam, 0 to 3 percent slopes	15.3	100.0%
<b>Totals for Area of Interest</b>		<b>15.3</b>	<b>100.0%</b>

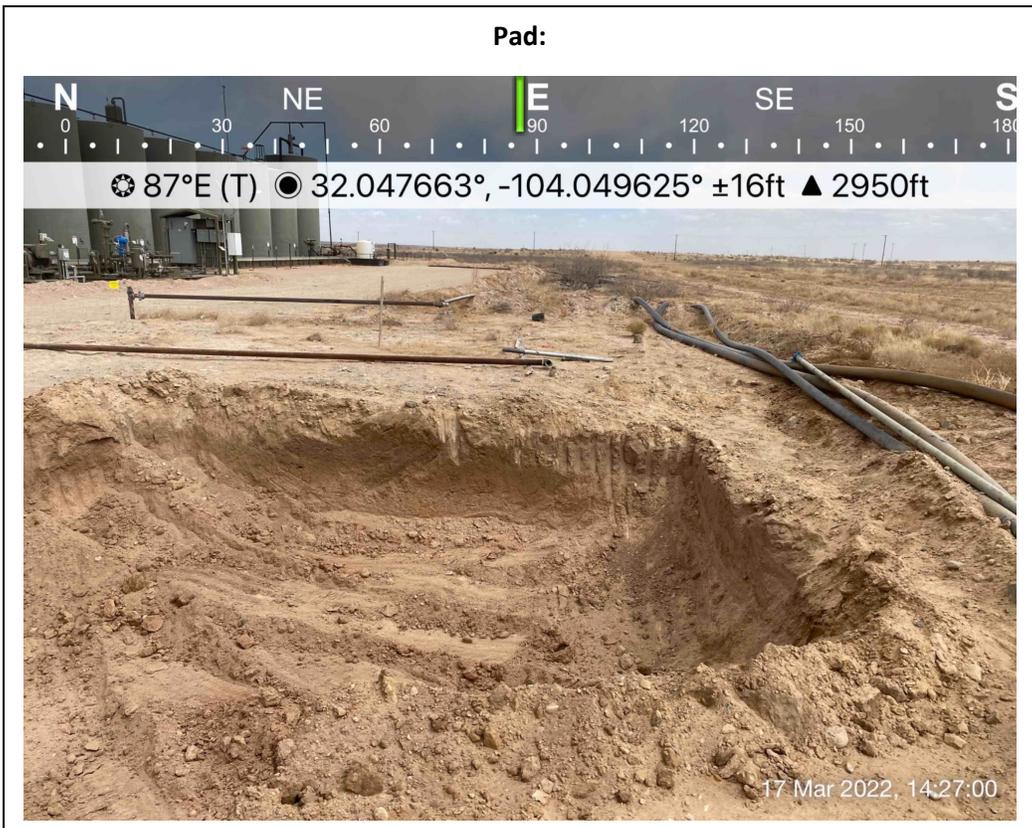
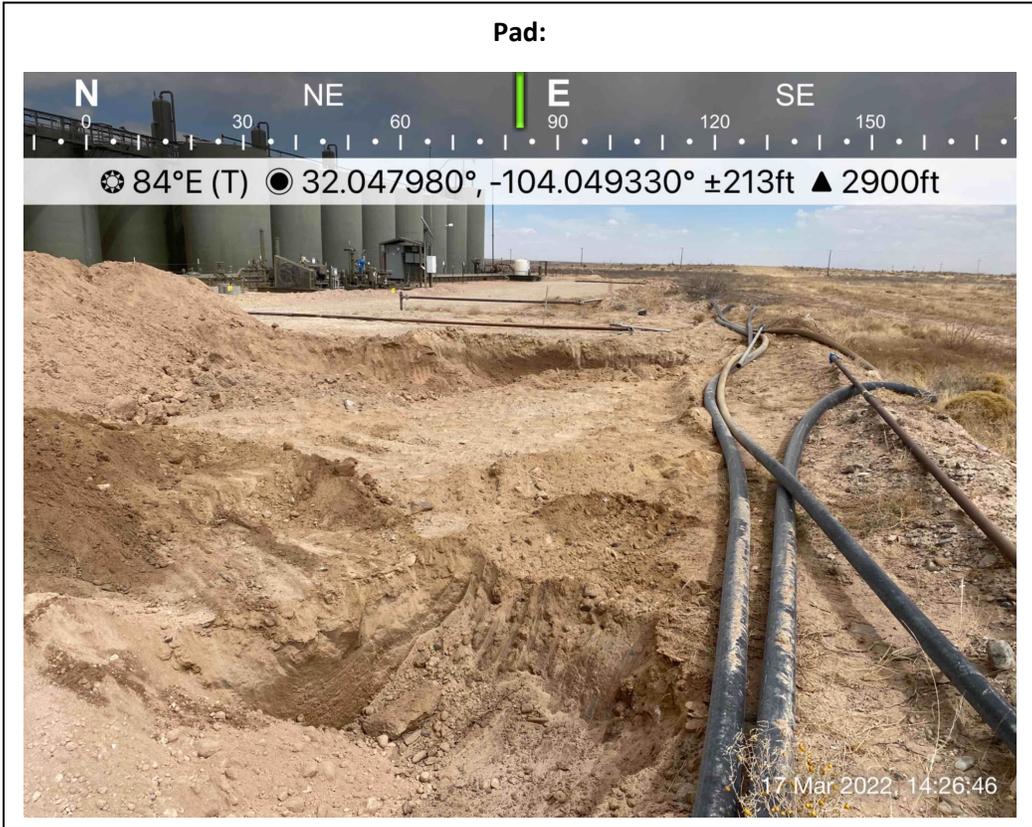


**NAPP2208253120 | DELAWARE RANCH 13 B2DA FED COM #1H  
Delineation GPS Location**

Sample	Latitude	Longitude
SP-1	32.0476845°N	104.0495578°W
SP-2	32.0476713°N	104.0496725°W

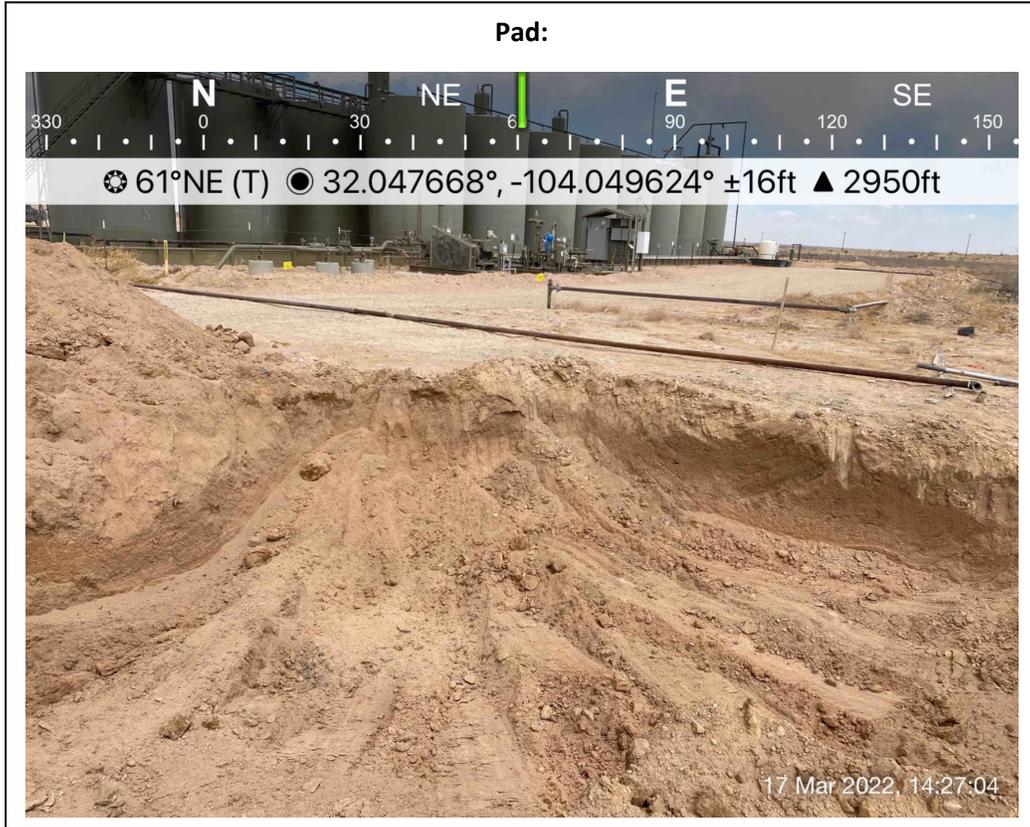


# Excavation



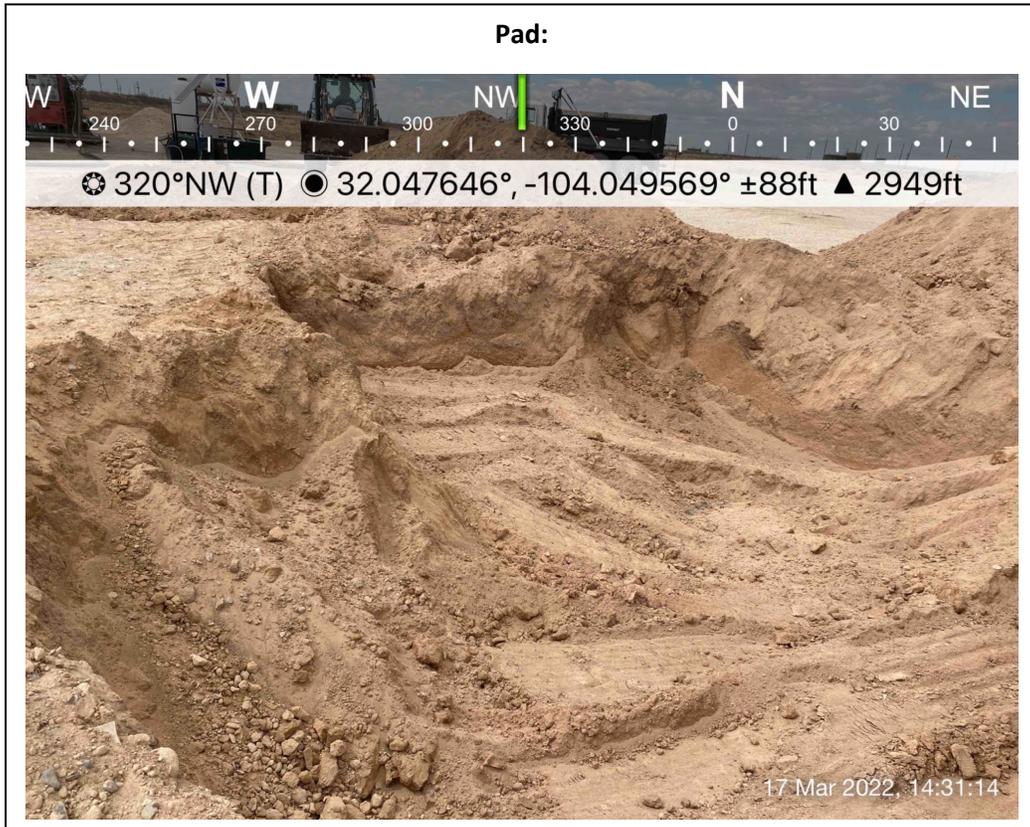


### Excavation





### Excavation





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

---

March 21, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: DELAWARE RANCH 13

Enclosed are the results of analyses for samples received by the laboratory on 03/18/22 8:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/18/2022	Sampling Date:	03/17/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: 1 N @ 4' (H221079-01)**

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	03/18/2022	ND	2.14	107	2.00	0.855	
Toluene*	<0.050	0.050	03/18/2022	ND	2.14	107	2.00	1.08	
Ethylbenzene*	<0.050	0.050	03/18/2022	ND	2.17	108	2.00	2.21	
Total Xylenes*	<0.150	0.150	03/18/2022	ND	6.64	111	6.00	1.50	
Total BTEX	<0.300	0.300	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	192	96.2	200	5.13	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	208	104	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 102 % 59.5-142

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:	03/18/2022	Sampling Date:	03/17/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: 1 @ 7' (H221079-02)**

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	03/18/2022	ND	2.14	107	2.00	0.855	
Toluene*	<0.050	0.050	03/18/2022	ND	2.14	107	2.00	1.08	
Ethylbenzene*	<0.050	0.050	03/18/2022	ND	2.17	108	2.00	2.21	
Total Xylenes*	<0.150	0.150	03/18/2022	ND	6.64	111	6.00	1.50	
Total BTEX	<0.300	0.300	03/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	192	96.2	200	5.13	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	208	104	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 107 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/18/2022	Sampling Date:	03/17/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: 2 W @ 4' (H221079-03)**

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	03/18/2022	ND	2.14	107	2.00	0.855	
Toluene*	<0.050	0.050	03/18/2022	ND	2.14	107	2.00	1.08	
Ethylbenzene*	<0.050	0.050	03/18/2022	ND	2.17	108	2.00	2.21	
Total Xylenes*	<0.150	0.150	03/18/2022	ND	6.64	111	6.00	1.50	
Total BTEX	<0.300	0.300	03/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	03/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	192	96.2	200	5.13	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	208	104	200	6.74	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 113 % 59.5-142

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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:	03/18/2022	Sampling Date:	03/17/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: 2 @ 1' (H221079-04)**

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	03/18/2022	ND	2.14	107	2.00	0.855		
Toluene*	<0.050	0.050	03/18/2022	ND	2.14	107	2.00	1.08		
Ethylbenzene*	<0.050	0.050	03/18/2022	ND	2.17	108	2.00	2.21		
Total Xylenes*	<0.150	0.150	03/18/2022	ND	6.64	111	6.00	1.50		
Total BTEX	<0.300	0.300	03/18/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	03/18/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	192	96.2	200	5.13		
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	208	104	200	6.74		
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND						

Surrogate: 1-Chlorooctane 111 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/18/2022	Sampling Date:	03/17/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: 3 E @ 4' (H221079-05)**

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	03/18/2022	ND	2.14	107	2.00	0.855	
<b>Toluene*</b>	<b>0.059</b>	0.050	03/18/2022	ND	2.14	107	2.00	1.08	
Ethylbenzene*	<0.050	0.050	03/18/2022	ND	2.17	108	2.00	2.21	
Total Xylenes*	<0.150	0.150	03/18/2022	ND	6.64	111	6.00	1.50	
Total BTEX	<0.300	0.300	03/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>400</b>	16.0	03/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	210	105	200	4.78	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	216	108	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

Cardinal Laboratories

\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/18/2022	Sampling Date:	03/17/2022
Reported:	03/21/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: 4 S @ 6" (H221079-06)**

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	03/18/2022	ND	2.14	107	2.00	0.855	
Toluene*	<0.050	0.050	03/18/2022	ND	2.14	107	2.00	1.08	
Ethylbenzene*	<0.050	0.050	03/18/2022	ND	2.17	108	2.00	2.21	
Total Xylenes*	<0.150	0.150	03/18/2022	ND	6.64	111	6.00	1.50	
Total BTEX	<0.300	0.300	03/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/18/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2022	ND	210	105	200	4.78	
DRO >C10-C28*	<10.0	10.0	03/18/2022	ND	216	108	200	5.97	
EXT DRO >C28-C36	<10.0	10.0	03/18/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 137 % 59.5-142

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\* = Accredited Analyte

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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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---

April 07, 2022

DAN DUNKELBERG

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: DELAWARE RANCH 13

Enclosed are the results of analyses for samples received by the laboratory on 03/31/22 13:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "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:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 @ SURFACE (H221296-01)**

BTEX 8021B		mg/kg		Analyzed By: MS\					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>67.8</b>	5.00	04/04/2022	ND	2.22	111	2.00	5.40	
<b>Toluene*</b>	<b>433</b>	5.00	04/04/2022	ND	2.19	109	2.00	5.34	
<b>Ethylbenzene*</b>	<b>102</b>	5.00	04/04/2022	ND	2.18	109	2.00	5.83	
<b>Total Xylenes*</b>	<b>856</b>	15.0	04/04/2022	ND	6.76	113	6.00	6.02	
<b>Total BTEX</b>	<b>1460</b>	30.0	04/04/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1200</b>	16.0	04/04/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>27500</b>	50.0	04/03/2022	ND	215	107	200	9.12		
<b>DRO &gt;C10-C28*</b>	<b>7570</b>	50.0	04/03/2022	ND	215	108	200	2.19		
<b>EXT DRO &gt;C28-C36</b>	<b>11400</b>	50.0	04/03/2022	ND						

Surrogate: 1-Chlorooctane 1070 % 66.9-136

Surrogate: 1-Chlorooctadecane 248 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 @ 1' (H221296-02)**

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/03/2022	ND	2.22	111	2.00	5.40	GC-NC	
<b>Toluene*</b>	<b>1.86</b>	0.050	04/03/2022	ND	2.19	109	2.00	5.34	GC-NC1	
Ethylbenzene*	<0.050	0.050	04/03/2022	ND	2.18	109	2.00	5.83		
<b>Total Xylenes*</b>	<b>23.1</b>	0.150	04/03/2022	ND	6.76	113	6.00	6.02	GC-NC1	
<b>Total BTEX</b>	<b>25.0</b>	0.300	04/03/2022	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 402 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>320</b>	16.0	04/04/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>613</b>	10.0	04/02/2022	ND	215	107	200	9.12		
<b>DRO &gt;C10-C28*</b>	<b>376</b>	10.0	04/02/2022	ND	215	108	200	2.19		
<b>EXT DRO &gt;C28-C36</b>	<b>140</b>	10.0	04/02/2022	ND						

Surrogate: 1-Chlorooctane 122 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 @ 2' (H221296-03)**

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/03/2022	ND	2.22	111	2.00	5.40		
<b>Toluene*</b>	<b>1.24</b>	0.050	04/03/2022	ND	2.19	109	2.00	5.34	GC-NC1	
Ethylbenzene*	<0.050	0.050	04/03/2022	ND	2.18	109	2.00	5.83		
<b>Total Xylenes*</b>	<b>16.2</b>	0.150	04/03/2022	ND	6.76	113	6.00	6.02	GC-NC1	
<b>Total BTEX</b>	<b>17.5</b>	0.300	04/03/2022	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 147 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>256</b>	16.0	04/04/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>900</b>	10.0	04/02/2022	ND	215	107	200	9.12		
<b>DRO &gt;C10-C28*</b>	<b>580</b>	10.0	04/02/2022	ND	215	108	200	2.19		
<b>EXT DRO &gt;C28-C36</b>	<b>193</b>	10.0	04/02/2022	ND						

Surrogate: 1-Chlorooctane 136 % 66.9-136

Surrogate: 1-Chlorooctadecane 129 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 @ 3' (H221296-04)**

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/03/2022	ND	2.22	111	2.00	5.40		
<b>Toluene*</b>	<b>0.962</b>	0.050	04/03/2022	ND	2.19	109	2.00	5.34	GC-NC1	
Ethylbenzene*	<0.050	0.050	04/03/2022	ND	2.18	109	2.00	5.83		
<b>Total Xylenes*</b>	<b>12.6</b>	0.150	04/03/2022	ND	6.76	113	6.00	6.02	GC-NC1	
<b>Total BTEX</b>	<b>13.6</b>	0.300	04/03/2022	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 283 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>240</b>	16.0	04/04/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>491</b>	10.0	04/02/2022	ND	215	107	200	9.12		
<b>DRO &gt;C10-C28*</b>	<b>397</b>	10.0	04/02/2022	ND	215	108	200	2.19		
<b>EXT DRO &gt;C28-C36</b>	<b>135</b>	10.0	04/02/2022	ND						

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 @ 4' (H221296-05)**

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.120</b>	0.050	04/03/2022	ND	2.22	111	2.00	5.40	
<b>Toluene*</b>	<b>1.65</b>	0.050	04/03/2022	ND	2.19	109	2.00	5.34	
<b>Ethylbenzene*</b>	<b>1.15</b>	0.050	04/03/2022	ND	2.18	109	2.00	5.83	
<b>Total Xylenes*</b>	<b>14.6</b>	0.150	04/03/2022	ND	6.76	113	6.00	6.02	
<b>Total BTEX</b>	<b>17.5</b>	0.300	04/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 329 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>432</b>	16.0	04/04/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>511</b>	10.0	04/02/2022	ND	215	107	200	9.12	
<b>DRO &gt;C10-C28*</b>	<b>474</b>	10.0	04/02/2022	ND	215	108	200	2.19	
<b>EXT DRO &gt;C28-C36</b>	<b>157</b>	10.0	04/02/2022	ND					

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 125 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 2 @ SURFACE (H221296-06)**

BTEX 8021B		mg/kg		Analyzed By: MS\				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>48.6</b>	2.00	04/04/2022	ND	2.22	111	2.00	5.40	
<b>Toluene*</b>	<b>348</b>	2.00	04/04/2022	ND	2.19	109	2.00	5.34	
<b>Ethylbenzene*</b>	<b>95.5</b>	2.00	04/04/2022	ND	2.18	109	2.00	5.83	
<b>Total Xylenes*</b>	<b>741</b>	6.00	04/04/2022	ND	6.76	113	6.00	6.02	
<b>Total BTEX</b>	<b>1230</b>	12.0	04/04/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 148 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>1230</b>	16.0	04/04/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>31300</b>	50.0	04/03/2022	ND	215	107	200	9.12	
<b>DRO &gt;C10-C28*</b>	<b>10700</b>	50.0	04/03/2022	ND	215	108	200	2.19	
<b>EXT DRO &gt;C28-C36</b>	<b>15500</b>	50.0	04/03/2022	ND					

Surrogate: 1-Chlorooctane 617 % 66.9-136

Surrogate: 1-Chlorooctadecane 126 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 N @ 3" (H221296-07)**

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	04/03/2022	ND	2.22	111	2.00	5.40	
Toluene*	<0.050	0.050	04/03/2022	ND	2.19	109	2.00	5.34	
Ethylbenzene*	<0.050	0.050	04/03/2022	ND	2.18	109	2.00	5.83	
Total Xylenes*	<0.150	0.150	04/03/2022	ND	6.76	113	6.00	6.02	
Total BTEX	<0.300	0.300	04/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/04/2022	ND	400	100	400	3.92	

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	04/02/2022	ND	215	107	200	9.12	
DRO >C10-C28*	<10.0	10.0	04/02/2022	ND	215	108	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	04/02/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.6 % 59.5-142

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 W @ 3" (H221296-08)**

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	04/03/2022	ND	2.22	111	2.00	5.40		
Toluene*	<0.050	0.050	04/03/2022	ND	2.19	109	2.00	5.34		
Ethylbenzene*	<0.050	0.050	04/03/2022	ND	2.18	109	2.00	5.83		
Total Xylenes*	<0.150	0.150	04/03/2022	ND	6.76	113	6.00	6.02		
Total BTEX	<0.300	0.300	04/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/04/2022	ND	400	100	400	3.92		

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	04/02/2022	ND	215	107	200	9.12		
DRO >C10-C28*	<10.0	10.0	04/02/2022	ND	215	108	200	2.19		
EXT DRO >C28-C36	<10.0	10.0	04/02/2022	ND						

Surrogate: 1-Chlorooctane 87.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 97.0 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 S @ 3" (H221296-09)**

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	04/03/2022	ND	2.22	111	2.00	5.40		
Toluene*	<0.050	0.050	04/03/2022	ND	2.19	109	2.00	5.34		
Ethylbenzene*	<0.050	0.050	04/03/2022	ND	2.18	109	2.00	5.83		
Total Xylenes*	<0.150	0.150	04/03/2022	ND	6.76	113	6.00	6.02		
Total BTEX	<0.300	0.300	04/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/04/2022	ND	400	100	400	3.92		

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	04/02/2022	ND	215	107	200	9.12		
DRO >C10-C28*	<10.0	10.0	04/02/2022	ND	215	108	200	2.19		
EXT DRO >C28-C36	<10.0	10.0	04/02/2022	ND						

Surrogate: 1-Chlorooctane 94.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 104 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 E @ 3' (H221296-10)**

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	04/02/2022	ND	2.06	103	2.00	0.441	
Toluene*	<0.050	0.050	04/02/2022	ND	2.03	102	2.00	0.765	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.94	96.8	2.00	0.926	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.02	100	6.00	0.386	
Total BTEX	<0.300	0.300	04/02/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/04/2022	ND	400	100	400	3.92	

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	04/02/2022	ND	215	107	200	9.12	
DRO >C10-C28*	<10.0	10.0	04/02/2022	ND	215	108	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	04/02/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 2 N @ 2' (H221296-11)**

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	04/02/2022	ND	2.06	103	2.00	0.441		
Toluene*	<0.050	0.050	04/02/2022	ND	2.03	102	2.00	0.765		
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.94	96.8	2.00	0.926		
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.02	100	6.00	0.386		
Total BTEX	<0.300	0.300	04/02/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	04/04/2022	ND	400	100	400	3.92		

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	04/02/2022	ND	215	107	200	9.12		
DRO >C10-C28*	<10.0	10.0	04/02/2022	ND	215	108	200	2.19		
EXT DRO >C28-C36	<10.0	10.0	04/02/2022	ND						

Surrogate: 1-Chlorooctane 88.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.7 % 59.5-142

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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 2 W @ 2' (H221296-12)**

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	04/02/2022	ND	2.06	103	2.00	0.441	
Toluene*	<0.050	0.050	04/02/2022	ND	2.03	102	2.00	0.765	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.94	96.8	2.00	0.926	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.02	100	6.00	0.386	
Total BTEX	<0.300	0.300	04/02/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	04/04/2022	ND	400	100	400	3.92	

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	04/02/2022	ND	215	107	200	9.12	
DRO >C10-C28*	<10.0	10.0	04/02/2022	ND	215	108	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	04/02/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 115 % 59.5-142

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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 2 S @ 2' (H221296-13)**

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	04/02/2022	ND	2.06	103	2.00	0.441		
Toluene*	<0.050	0.050	04/02/2022	ND	2.03	102	2.00	0.765		
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.94	96.8	2.00	0.926		
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.02	100	6.00	0.386		
Total BTEX	<0.300	0.300	04/02/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	04/04/2022	ND	400	100	400	3.92		

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	04/02/2022	ND	215	107	200	9.12		
DRO >C10-C28*	<10.0	10.0	04/02/2022	ND	215	108	200	2.19		
EXT DRO >C28-C36	<10.0	10.0	04/02/2022	ND						

Surrogate: 1-Chlorooctane 73.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 81.8 % 59.5-142

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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 1 @ 8' (H221296-14)**

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	04/02/2022	ND	2.06	103	2.00	0.441	
Toluene*	<0.050	0.050	04/02/2022	ND	2.03	102	2.00	0.765	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.94	96.8	2.00	0.926	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.02	100	6.00	0.386	
Total BTEX	<0.300	0.300	04/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	04/04/2022	ND	400	100	400	3.92	

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	04/02/2022	ND	215	107	200	9.12	
DRO >C10-C28*	<10.0	10.0	04/02/2022	ND	215	108	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	04/02/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 105 % 59.5-142

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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SP - 2 @ 2' (H221296-15)**

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	04/02/2022	ND	2.06	103	2.00	0.441	
Toluene*	<0.050	0.050	04/02/2022	ND	2.03	102	2.00	0.765	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.94	96.8	2.00	0.926	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.02	100	6.00	0.386	
Total BTEX	<0.300	0.300	04/02/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/04/2022	ND	400	100	400	3.92	

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	04/02/2022	ND	215	107	200	9.12	
DRO >C10-C28*	<10.0	10.0	04/02/2022	ND	215	108	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	04/02/2022	ND					

Surrogate: 1-Chlorooctane 78.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 3 @ 7' (H221296-16)**

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	04/02/2022	ND	2.06	103	2.00	0.441	
Toluene*	<0.050	0.050	04/02/2022	ND	2.03	102	2.00	0.765	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.94	96.8	2.00	0.926	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.02	100	6.00	0.386	
Total BTEX	<0.300	0.300	04/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/04/2022	ND	400	100	400	3.92	

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	04/03/2022	ND	215	107	200	9.12	
DRO >C10-C28*	<10.0	10.0	04/03/2022	ND	215	108	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	04/03/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 98.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 4 @ 7' (H221296-17)**

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	04/02/2022	ND	2.06	103	2.00	0.441	
Toluene*	<0.050	0.050	04/02/2022	ND	2.03	102	2.00	0.765	
Ethylbenzene*	<0.050	0.050	04/02/2022	ND	1.94	96.8	2.00	0.926	
Total Xylenes*	<0.150	0.150	04/02/2022	ND	6.02	100	6.00	0.386	
Total BTEX	<0.300	0.300	04/02/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>160</b>	16.0	04/04/2022	ND	400	100	400	3.92	

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	04/03/2022	ND	215	107	200	9.12	
DRO >C10-C28*	<10.0	10.0	04/03/2022	ND	215	108	200	2.19	
EXT DRO >C28-C36	<10.0	10.0	04/03/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 95.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/31/2022	Sampling Date:	03/30/2022
Reported:	04/07/2022	Sampling Type:	Soil
Project Name:	DELAWARE RANCH 13	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MEWBOURNE - EDDY CO NM		

**Sample ID: SR - 5 @ 1' (H221296-18)**

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	04/06/2022	ND	2.06	103	2.00	0.441	
Toluene*	<0.050	0.050	04/06/2022	ND	2.03	102	2.00	0.765	
Ethylbenzene*	<0.050	0.050	04/06/2022	ND	1.94	96.8	2.00	0.926	
Total Xylenes*	<0.150	0.150	04/06/2022	ND	6.02	100	6.00	0.386	
Total BTEX	<0.300	0.300	04/06/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	04/04/2022	ND	400	100	400	3.92	

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	04/01/2022	ND	193	96.5	200	6.22	
DRO >C10-C28*	<10.0	10.0	04/01/2022	ND	207	104	200	6.29	
EXT DRO >C28-C36	<10.0	10.0	04/01/2022	ND					

Surrogate: 1-Chlorooctane 104 % 66.9-136

Surrogate: 1-Chlorooctadecane 118 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager





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

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

CONDITIONS

Action 118463

**CONDITIONS**

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 118463
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2208253120 DELAWARE RANCH 13 B2DA FED COM #1H, thank you. This closure is approved.	10/26/2022