State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305359369
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☒ Extents of contamination must be fully delineated.

☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Connor Walker Title: Sr. Engineer

Signature: _____ Date: 06/01/2023

email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: Jocelyn Harimon Date: 06/06/2023

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

Signature: Robert Hamlet Date: 10/31/2023

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Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305359369
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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: 06/01/2023

email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: Jocelyn Harimon Date: 06/06/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Incident ID	NAPP2305359369
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

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

Printed Name: Connor Walker Title: Sr. Engineer

Signature:  Date: 06/01/2023

email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: Jocelyn Harimon Date: 06/06/2023

Incident ID	NAPP2305359369
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: 06/01/2023

email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: Jocelyn Harimon Date: 06/06/2023

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

Signature: _____ Date: _____

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	NAPP2305359369
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Mewbourne Oil Company	OGRID
Contact Name: Connor Walker	Contact Telephone
Contact email: cwalker@mewbourne.com	Incident # *(assigned by OCD)* nAPP2305359369
Contact mailing address: 4801 Business Park Blvd, Hobbs, NM 88240	

Location of Release Source

Latitude 32.079911 Longitude -104.135938
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Cooksey 36 PA St Com #1H	Site Type: Battery
Date Release Discovered: 02/08/2023	API# *(if applicable)* **30-015-39427**

Unit Letter	Section	Township	Range	County
P	36	25S	27E	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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 525	Volume Recovered (bbls) 425
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
Check valve malfunction allowed tanks to overflow into the secondary containment and onto pad.

State of New Mexico
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Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Release 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 2/9/2023 @ 2:44 PM MST 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

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why: N/A

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: Connor Walker Title: Sr. Engineer

Signature:  Date: 2/17/2023

email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: Jocelyn Harimon Date: 02/22/2023

Trinity Oilfield Services & Rentals, LLC

June 2nd, 2023

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

Re: **Closure Request**
Cooksey 36 PA ST Com #1H
Tracking #: NAPP2305359369

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	NAPP2305359369
Site Name	Cooksey 36 PA ST Com #1H
Company	Mewbourne Oil Co.
County	Eddy
ULSTR	P-36-25S-27E
GPS Coordinates (NAD 83)	32.079911,-104.135938
Landowner	State

RELEASE BACKGROUND

On 2/22/2023, Mewbourne Oil Co. reported a release at the Cooksey 36 PA ST Com #1H. The release was caused when a check valve malfunction allowed tanks to overflow. Approximately 25,406 sqft. of the Pad and Pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	2/8/2023
Type of Release	Produced Water
Source of Release	Overflow
Volume Released – Produced Water	525 bbls
Volume Recovered – Produced Water	425 bbls
Volume Released – Crude Oil	0 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pad and Pasture - Approximately 25,406 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 $^{1}/_{2}$ 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	> 1,000 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 & Off-Site 4ft bgs | 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 top four feet of the pasture area if impacted by the release, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

REQUEST FOR DEFERRAL

Per the requirements of 19.15.29.12C (1) & (2) Trinity, on behalf of Mewbourne Oil Co., requests a deferral at the Cooksey 36 PA ST Com #1H.

Existing infrastructure hinders the full execution of vertical (Remediation Floors) and horizontal (Remediation Walls) remediation. The contamination area has been fully delineated to meet NMOCD remediation standards.

Remediation Floors and Walls (specifically CF-: 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, and 127; CW-: 18, 19, 20, 21, 22, and 23) at the perimeter of existing infrastructure exceed the limits outlined in Table I of 19.15.29.12 NMAC and will be addressed post-deconstruction of infrastructure. The current condition of the release area does not cause an imminent risk to human health, the environment, or groundwater.

Final vertical and horizontal remediation and reclamation of the site will be in accordance with 19.15.29.12 and 19.15.29.13 NMAC once deconstruction of infrastructure occurs.

Should the request for deferral be denied, Trinity, on behalf of Mewbourne Oil Co., requests a liner to be installed at above referenced points to prevent future spills from permeating soils below 4 ft.

INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES

Initial Sample Activities:

Delineation Summary	
Delineation Dates	03/06/2023 – 03/08/2023; 05/16/2023
Depths Sampled	0' - 12'
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	04/11/2023 - 05/12/2023
Workplan Approval	At Risk
Confirmation Sample Notification	04/10/2023
Liner Variance Request	Yes
Deferral Request	Yes
Depths Excavated	1' - 8'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	2,386 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 non-deferral 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 deferral approval for the referenced release.

Sincerely,

Dan Dunkelberg

Dan Dunkelberg
Project Manager

Cynthia Jordan

Cynthia Jordan
Project Scientist

Dan Dunkelberg <dan@trinityoilfieldservices.com>

Confirmation Sample Notification - NAPP2305359369 COOKSEY 36 PA ST COM #1H

2 messages

Dan Dunkelberg <dan@trinityoilfieldservices.com> Mon, Apr 10, 2023 at 10:08 AM
To: OCD.Enviro@emnrd.nm.gov
Cc: Connor Walker <cwalker@mewbourne.com>, Jeff Broom <jbroom@mewbourne.com>, Josh Halcomb <josh@trinityoilfieldservices.com>
Bcc: Kennith Angel <k.angel@trinityoilfieldservices.com>

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of Mewbourne Oil Company at the above referenced site on Thursday, April 13, 2023, at 8:00 a.m.

Dan Dunkelberg
Environmental Regulatory Manager

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

Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov> Tue, Apr 11, 2023 at 9:18 AM
To: Dan Dunkelberg <dan@trinityoilfieldservices.com>
Cc: Connor Walker <cwalker@mewbourne.com>, Jeff Broom <jbroom@mewbourne.com>, Josh Halcomb <josh@trinityoilfieldservices.com>

Dan,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon ● Environmental Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

1220 South St. Francis Drive | Santa Fe, NM 87505

(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov

http:// **www.emnrd.nm.gov**

From: Dan Dunkelberg <dand@trinityoilfieldservices.com>
Sent: Monday, April 10, 2023 10:09 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Connor Walker <cwalker@mewbourne.com>; Jeff Broom <jbroom@mewbourne.com>; Josh Halcomb <josh@trinityoilfieldservices.com>
Subject: [EXTERNAL] Confirmation Sample Notification - NAPP2305359369 COOKSEY 36 PA ST COM #1H

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of Mewbourne Oil Company at the above referenced site on Thursday, April 13, 2023, at 8:00 a.m.

Dan Dunkelberg

Environmental Regulatory Manager

[Quoted text hidden]

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	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**
Verical Delineation												
SP1 @ SURFACE	0	3/6/2023	Grab	In-Situ	17600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 1 @ 10'	10	3/8/2023	Grab	In-Situ	6000	10.1	10.1	<10.0	10.1	<10.0	<0.300	<0.050
DV-001-12.0-P	12	5/12/2023	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP2 @ SURFACE	0	3/6/2023	Grab	In-Situ	6530	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP2 @ 8'	8	3/6/2023	Grab	In-Situ	400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 3 @ SURFACE	0	3/8/2023	Grab	In-Situ	2440	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 3 @ 3'	3	3/8/2023	Grab	In-Situ	96.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 4 @ SURFACE	0	3/8/2023	Grab	In-Situ	5200	17.3	17.3	<10.0	17.3	<10.0	<0.300	<0.050
SP 4 @ 1'	1	3/8/2023	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 5 @ SURFACE	0	3/8/2023	Grab	In-Situ	4160	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 5 @ 2'	2	3/8/2023	Grab	In-Situ	592	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 6 @ SURFACE	0	3/8/2023	Grab	In-Situ	3600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 6 @ 5'	5	3/8/2023	Grab	In-Situ	240	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 7 @ SURFACE	0	3/8/2023	Grab	In-Situ	8660	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 7 @ 1'	1	3/8/2023	Grab	In-Situ	320	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 8 @ SURFACE	0	3/8/2023	Grab	In-Situ	7330	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 8 @ 1'	1	3/8/2023	Grab	In-Situ	448	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
Horizontal Delineation												
S1 @ SURFACE	0	3/6/2023	Grab	In-Situ	256	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S2 @ SURFACE	0	3/6/2023	Grab	In-Situ	432	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S3 @ SURFACE	0	3/6/2023	Grab	In-Situ	464	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-004-.001.0-NS	1	4/25/2023	Grab	In-Situ	96.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-005-.001.0-NS	1	4/25/2023	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-006-.001.0-NS	1	4/25/2023	Grab	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-007-.001.0-NS	1	4/25/2023	Grab	In-Situ	96.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-008-.001.0-NS	1	4/25/2023	Grab	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-009-.001.0-NS	1	4/25/2023	Grab	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-010-.001.0-NS	1	4/25/2023	Grab	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-011-.001.0-NS	1	4/25/2023	Grab	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-012-.001.0-NS	1	4/25/2023	Grab	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY
OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	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**
S-013-.001.0-NS	1	4/25/2023	Grab	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

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-001.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	192	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-002.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-003.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-004.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	224	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-005.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	256	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-006.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-007.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-008.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-009.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-010.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-011.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-012.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	224	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-013.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-014.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	224	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-015.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-016.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-017.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-018.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-019.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-020.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-021.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-022.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	192	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-023.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	240	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-024.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-025.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-026.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-027.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-028.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-029.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	288	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-030.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-031.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-032.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-033.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-034.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	352	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-035.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	336	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-036.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	368	24.8	24.8	<10.0	24.8	<10.0	<.300	<0.50
CF-037.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

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**
CF-038.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-039.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	224	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-040.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-041.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-042.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-043.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-044.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-045.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-046.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-047.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-048.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-049.0-05.0-S	5	4/13/2023	Floor	On-Site	Composite	In-Situ	336	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-050.0-08.0-S	8	4/13/2023	Floor	On-Site	Composite	In-Situ	352	10.3	10.3	<10.0	10.3	<10.0	<.300	<0.50
CF-051.0-08.0-S	8	4/13/2023	Floor	On-Site	Composite	In-Situ	272	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-052.0-08.0-S	8	4/13/2023	Floor	On-Site	Composite	In-Situ	304	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-053.0-08.0-S	8	4/13/2023	Floor	On-Site	Composite	In-Situ	352	23.7	23.7	<10.0	23.7	<10.0	<.300	<0.50
CF-054.0-08.0-S	8	4/13/2023	Floor	On-Site	Composite	In-Situ	352	38.6	38.6	<10.0	38.6	<10.0	<.300	<0.50
CF-055.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	352	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-056.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	Excavated	656	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-056.0-04.0-S	4	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-057.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	288	28.2	28.2	<10.0	28.2	<10.0	<.300	<0.50
CF-058.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	Excavated	688	21.7	21.7	<10.0	21.7	<10.0	<.300	<0.50
CF-058.0-04.0-S	4	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-059.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	352	22.6	22.6	<10.0	22.6	<10.0	<.300	<0.50
CF-060.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	240	13.3	13.3	<10.0	13.3	<10.0	<.300	<0.50
CF-061.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	320	16.2	16.2	<10.0	16.2	<10.0	<.300	<0.50
CF-062.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	320	10.9	10.9	<10.0	10.9	<10.0	<.300	<0.50
CF-063.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	256	16	16	<10.0	16	<10.0	<.300	<0.50
CF-064.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	256	12.4	12.4	<10.0	12.4	<10.0	<.300	<0.50
CF-065.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	320	13.2	13.2	<10.0	13.2	<10.0	<.300	<0.50
CF-066.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	272	10.8	10.8	<10.0	10.8	<10.0	<.300	<0.50
CF-067.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	336	31.7	31.7	<10.0	31.7	<10.0	<.300	<0.50
CF-068.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	224	18.8	18.8	<10.0	18.8	<10.0	<.300	<0.50
CF-069.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	320	22.8	22.8	<10.0	22.8	<10.0	<.300	<0.50
CF-070.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-071.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-072.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-073.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

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**
CF-074.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-075.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-076.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-077.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-078.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-079.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-080.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-081.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-082.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-083.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-084.0-01.0-S	1	4/18/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-085.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-086.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-087.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-088.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-089.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-090.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-091.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-092.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-093.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-094.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-095.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-096.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-097.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-098.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-099.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-100.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-101.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-102.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-103.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-104.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-105.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-106.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-107.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-108.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-109.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-110.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-111.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

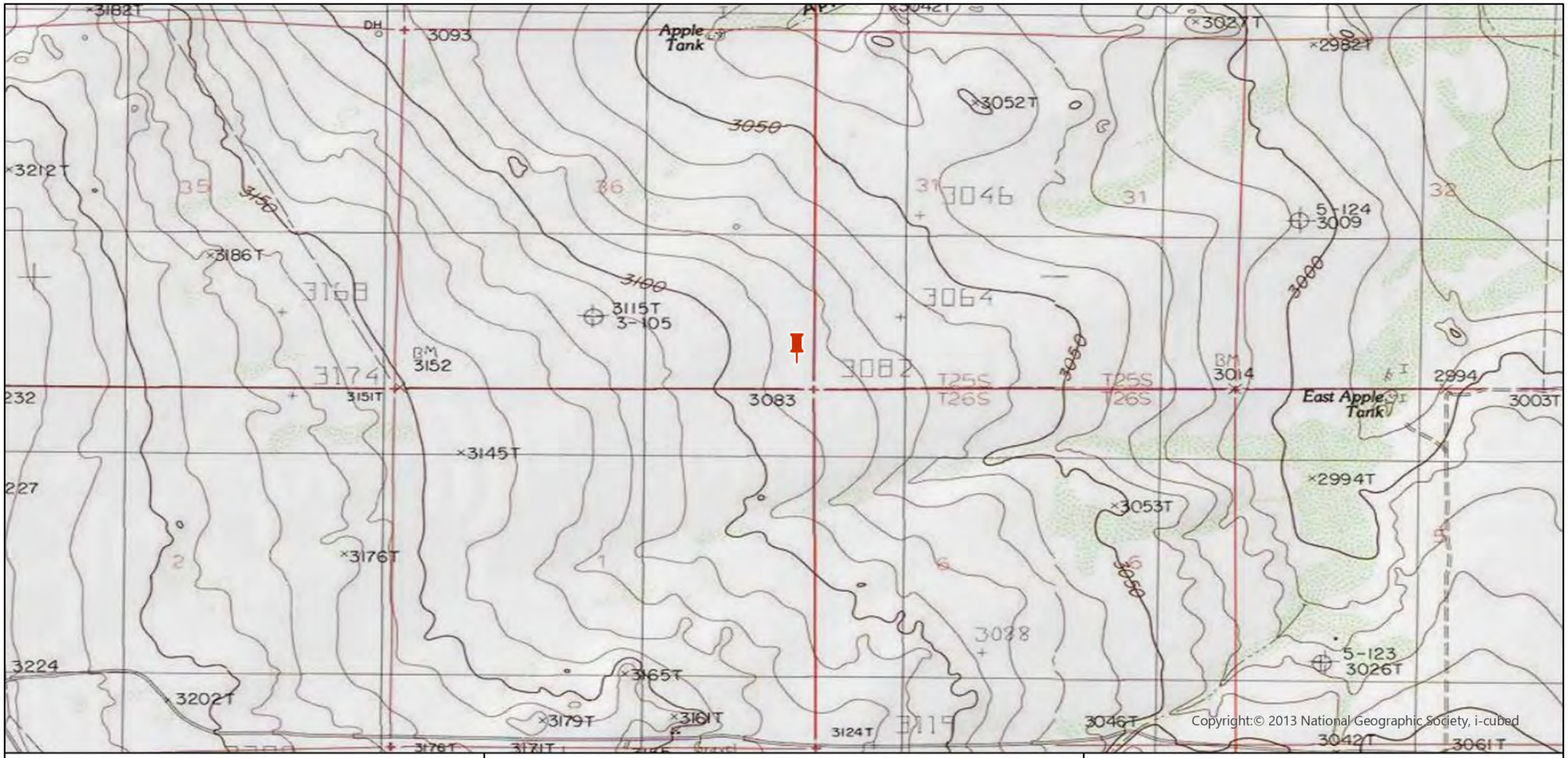
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-112.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-113.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-114.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-115.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-116.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	Excavated	96800	202.5	142	<10.0	142	60.5	<.300	<0.50
CF-116.0-04.0-S	4	5/12/2023	Floor	On-Site	Composite	In-Situ	10600	29.1	29.1	<10.0	29.1	<10.0	<.300	<0.50
CF-117.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	Excavated	112000	378	265	<10.0	265	113	<.300	<0.50
CF-117.0-04.0-S	4	5/12/2023	Floor	On-Site	Composite	In-Situ	10000	11.2	11.2	<10.0	11.2	<10.0	<.300	<0.50
CF-118.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	Excavated	51200	69.7	43.1	<10.0	43.1	26.6	<.300	<0.50
CF-118.0-04.0-S	4	5/12/2023	Floor	On-Site	Composite	In-Situ	11200	43.1	43.1	<10.0	43.1	<10.0	<.300	<0.50
CF-119.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	88000	210.4	147	<10.0	147	63.4	<.300	<0.50
CF-120.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	107000	385	271	<10.0	271	114	<.300	<0.50
CF-121.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	65600	207.2	133	<10.0	133	74.2	<.300	<0.50
CF-122.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	99200	479	346	<10.0	346	133	<.300	<0.50
CF-123.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	41600	58.9	40.8	<10.0	40.8	18.1	<.300	<0.50
CF-124.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	84800	447	314	<10.0	314	133	<.300	<0.50
CF-125.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	43200	30.3	30.3	<10.0	30.3	<10.0	<.300	<0.50
CF-126.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	34400	41.8	31.4	<10.0	31.4	10.4	<.300	<0.50
CF-127.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	48000	80.5	55.9	<10.0	55.9	24.6	<.300	<0.50
Remediation Walls														
CW-001.0-00.5-S	0.5	4/13/2023	Wall	On-Site	Composite	In-Situ	352	21.6	21.6	<10.0	21.6	<10.0	<.300	<0.50
CW-002.0-00.5-S	0.5	4/13/2023	Wall	On-Site	Composite	In-Situ	208	24	24	<10.0	24	<10.0	<.300	<0.50
CW-003.0-03.0-S	3	4/13/2023	Wall	On-Site	Composite	In-Situ	272	21.8	21.8	<10.0	21.8	<10.0	<.300	<0.50
CW-004.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-005.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-006.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-007.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-008.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-009.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-010.0-01.0-S	1	4/18/2023	Wall	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-011.0-01.0-S	1	4/18/2023	Wall	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-012.0-01.0-S	1	4/18/2023	Wall	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-013.0-00.5-S	0.5	4/25/2023	Wall	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-014.0-00.5-S	0.5	4/25/2023	Wall	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-015.0-00.5-S	0.5	4/25/2023	Wall	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-016.0-00.5-S	0.5	4/25/2023	Wall	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-017.0-00.5-S	0.5	4/25/2023	Wall	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-018.0-04.0-S	4	5/12/2023	Wall	On-Site	Composite	In-Situ	5200	24.8	24.8	<10.0	24.8	<10.0	<.300	<0.50
CW-019.0.0-04.S	0	5/12/2023	Wall	On-Site	Composite	In-Situ	2560	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-020.0.0-04.S	0	5/12/2023	Wall	On-Site	Composite	In-Situ	3440	78.3	66	<10.0	66	12.3	<.300	<0.50

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

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**
CW-021.0-02.0-S	2	5/12/2023	Wall	On-Site	Composite	In-Situ	4800	86.7	71.6	<10.0	71.6	15.1	<.300	<0.50
CW-022.0-02.0-S	2	5/12/2023	Wall	On-Site	Composite	In-Situ	4640	47.8	47.8	<10.0	47.8	<10.0	<.300	<0.50
CW-023.0-02.0-S	2	5/12/2023	Wall	On-Site	Composite	In-Situ	3760	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50



Legend:

Site Location

Site Location Map
Mewbourne Oil Co.
Cooksey 36 PA ST COM #1H
Eddy County, New Mexico
32.079911, -104.135938
NMOCD Reference # NAPP2305359369

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TRINITY OILFIELD SERVICES

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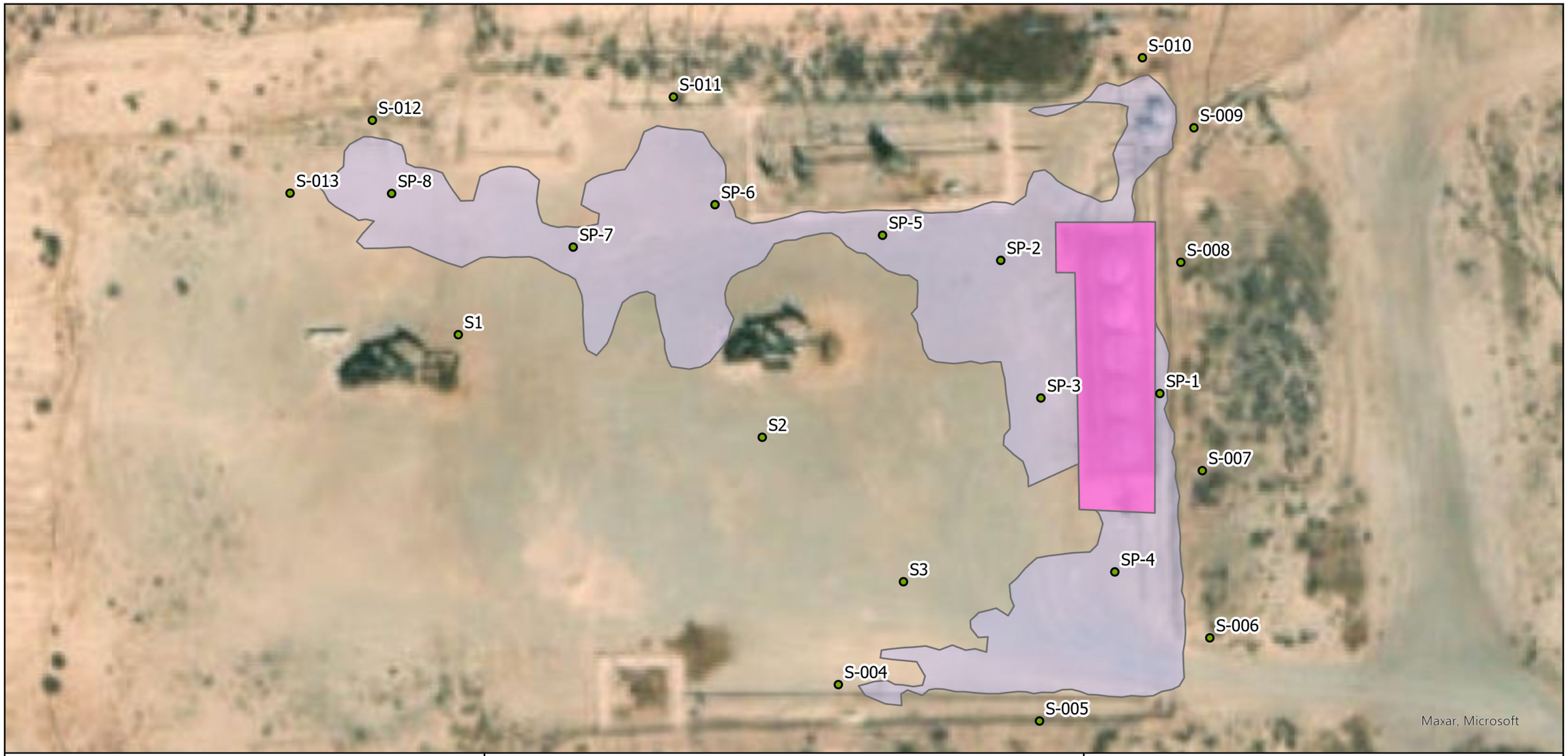

Legend:

- Sample Point
- Release Area
- Existing Infrastructure

Delineation Map
Mewbourne Oil Co.
Cooksey 36 PA ST COM #1H
Eddy County, New Mexico
32.079911, -104.135938
NMOCD Reference # NAPP2305359369

0 45 90 180 Feet

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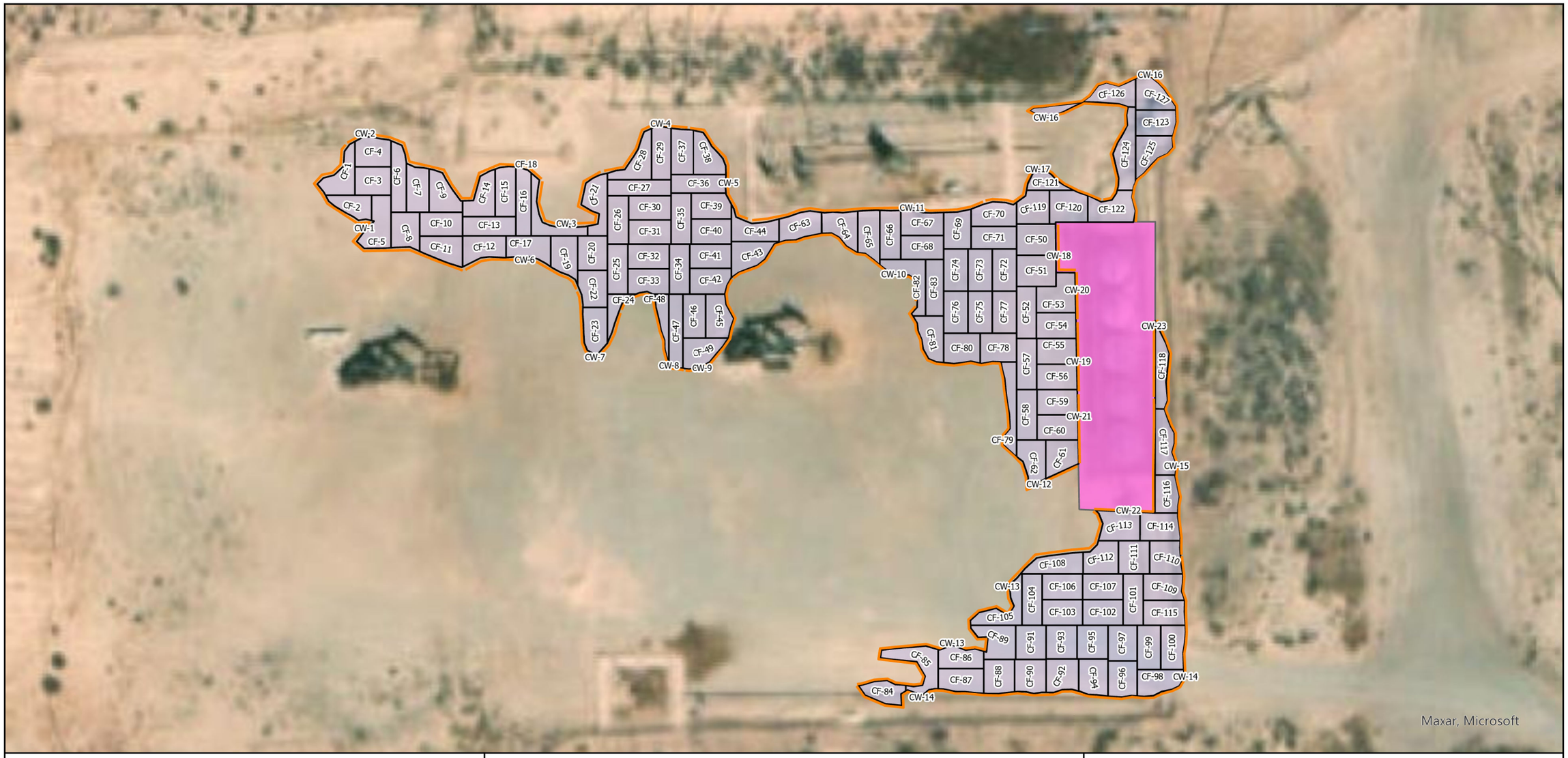
TRINITY OILFIELD SERVICES



Legend:

- Remediation Walls
- Remediation Floors
- Excavation Area
- Existing Infrastructure

Remediation Map
Mewbourne Oil Co.
Cooksey 36 PA ST COM #1H
Eddy County, New Mexico
32.079911, -104.135938
NMOCD Reference # NAPP2305359369

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TRINITY OILFIELD SERVICES

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Initial Release

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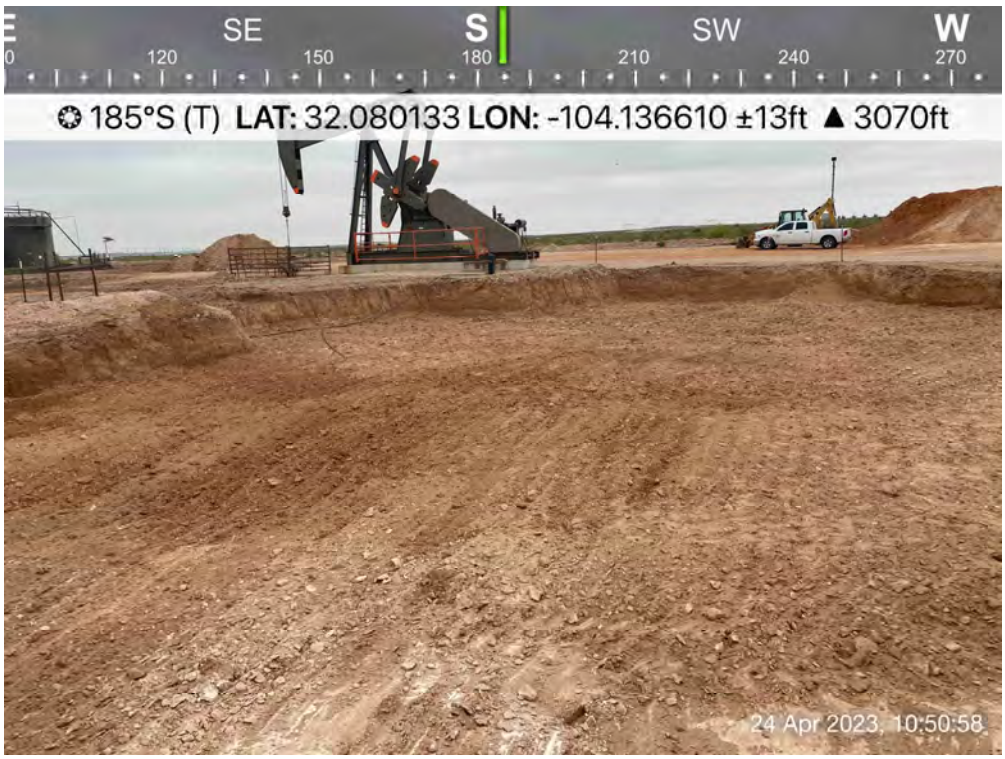

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Excavation

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Excavation

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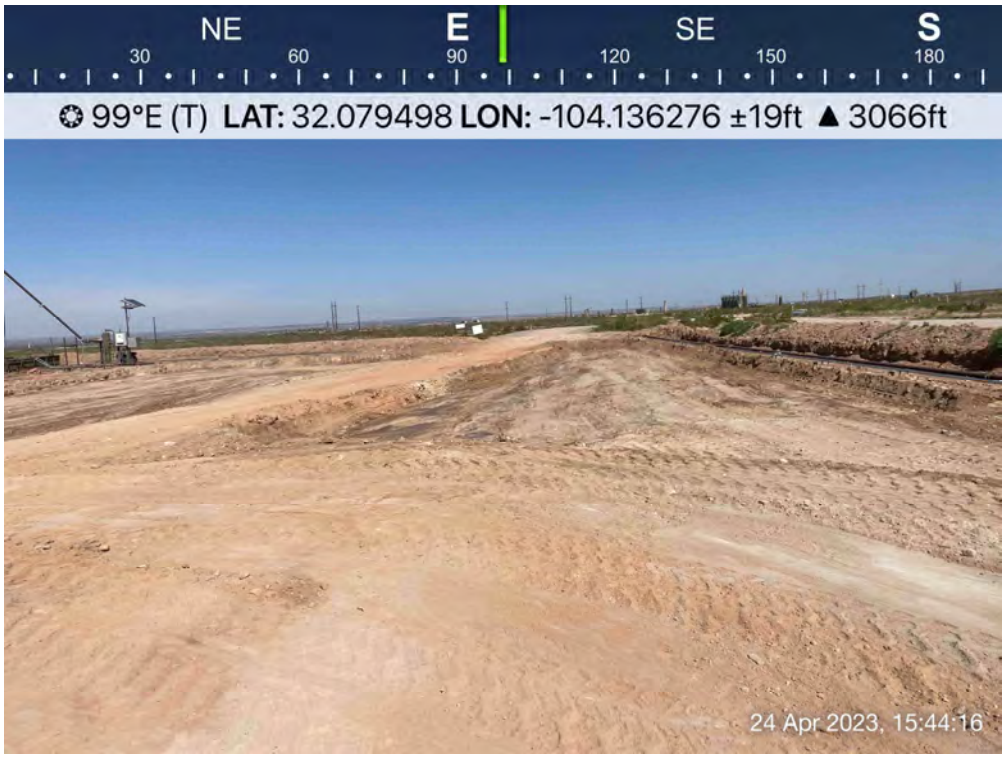

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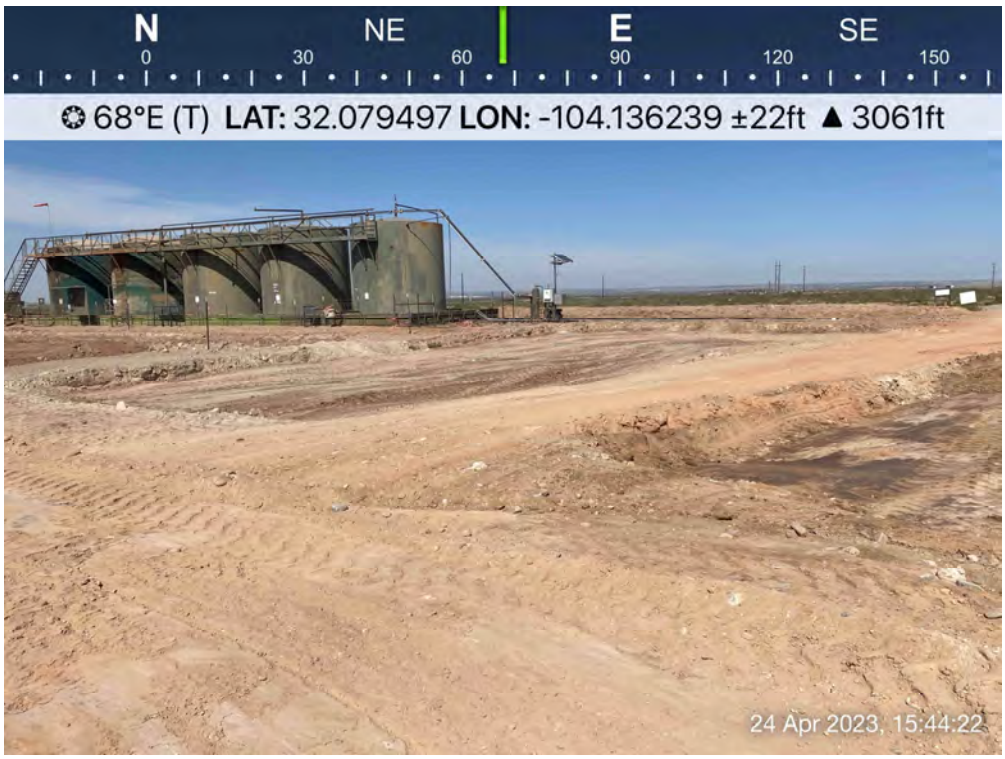

TRINITY
OILFIELD SERVICES

Excavation

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OILFIELD SERVICES

Excavation

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OILFIELD SERVICES

Deferral Area

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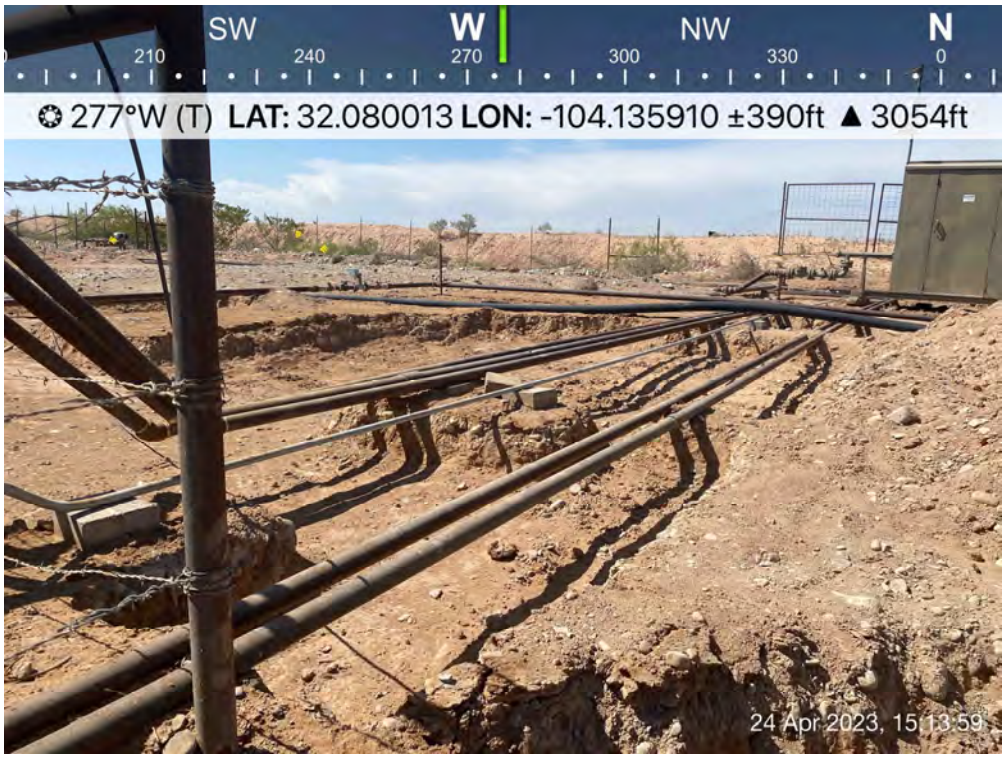

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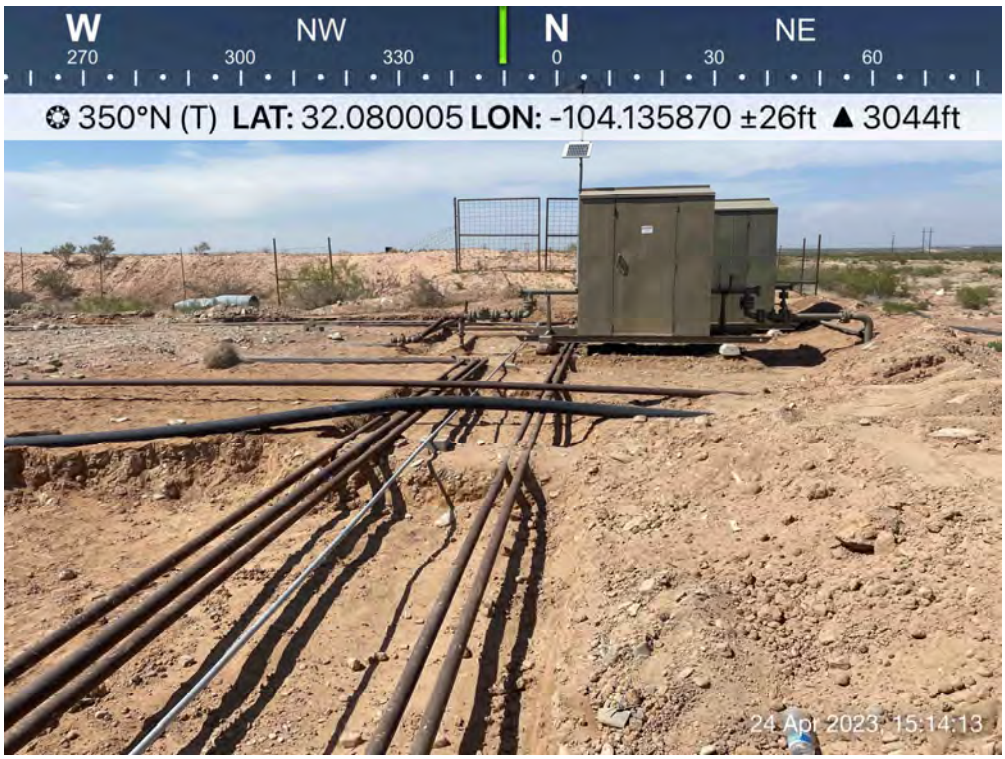

TRINITY
OILFIELD SERVICES

Deferral Area

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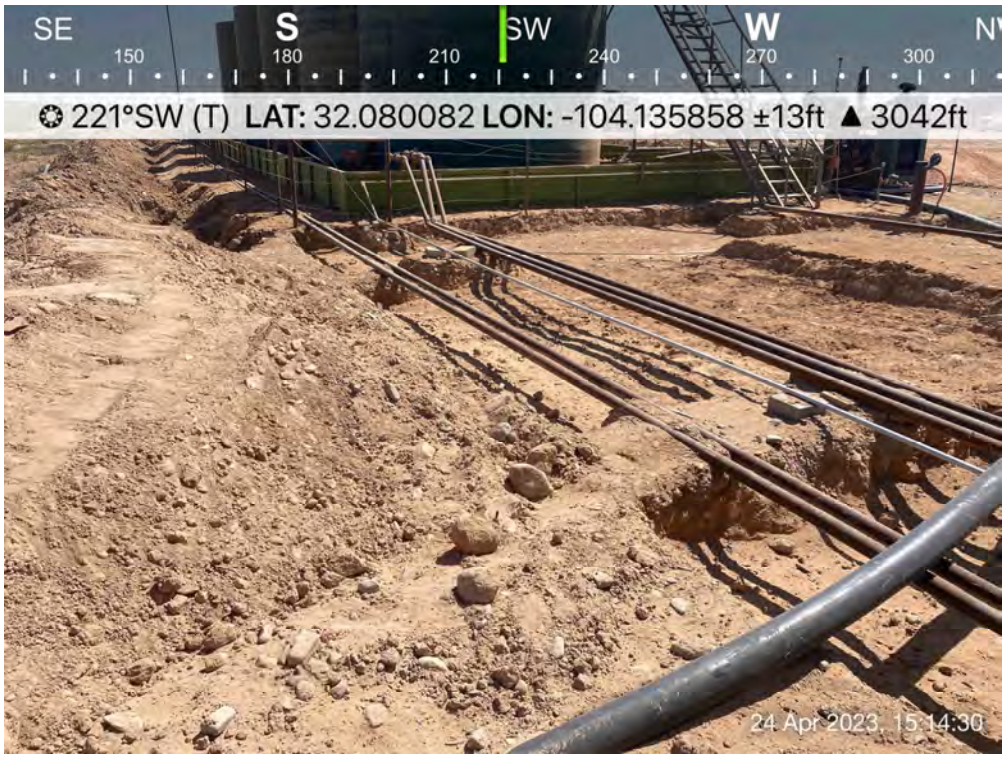

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OILFIELD SERVICES

Deferral Area

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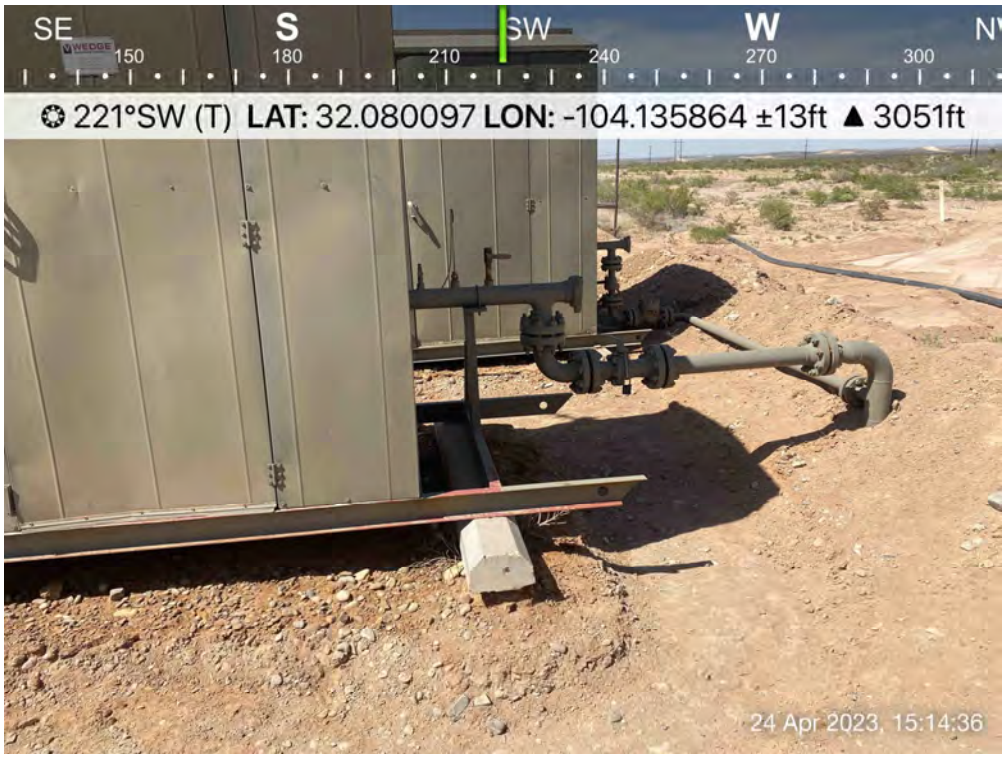

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TRINITY
OILFIELD SERVICES

Deferral Area

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Pad:

NAPP2305359369 | COOKSEY 36 PA ST COM #1H

5/30/2023, 10:52:09 AM

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

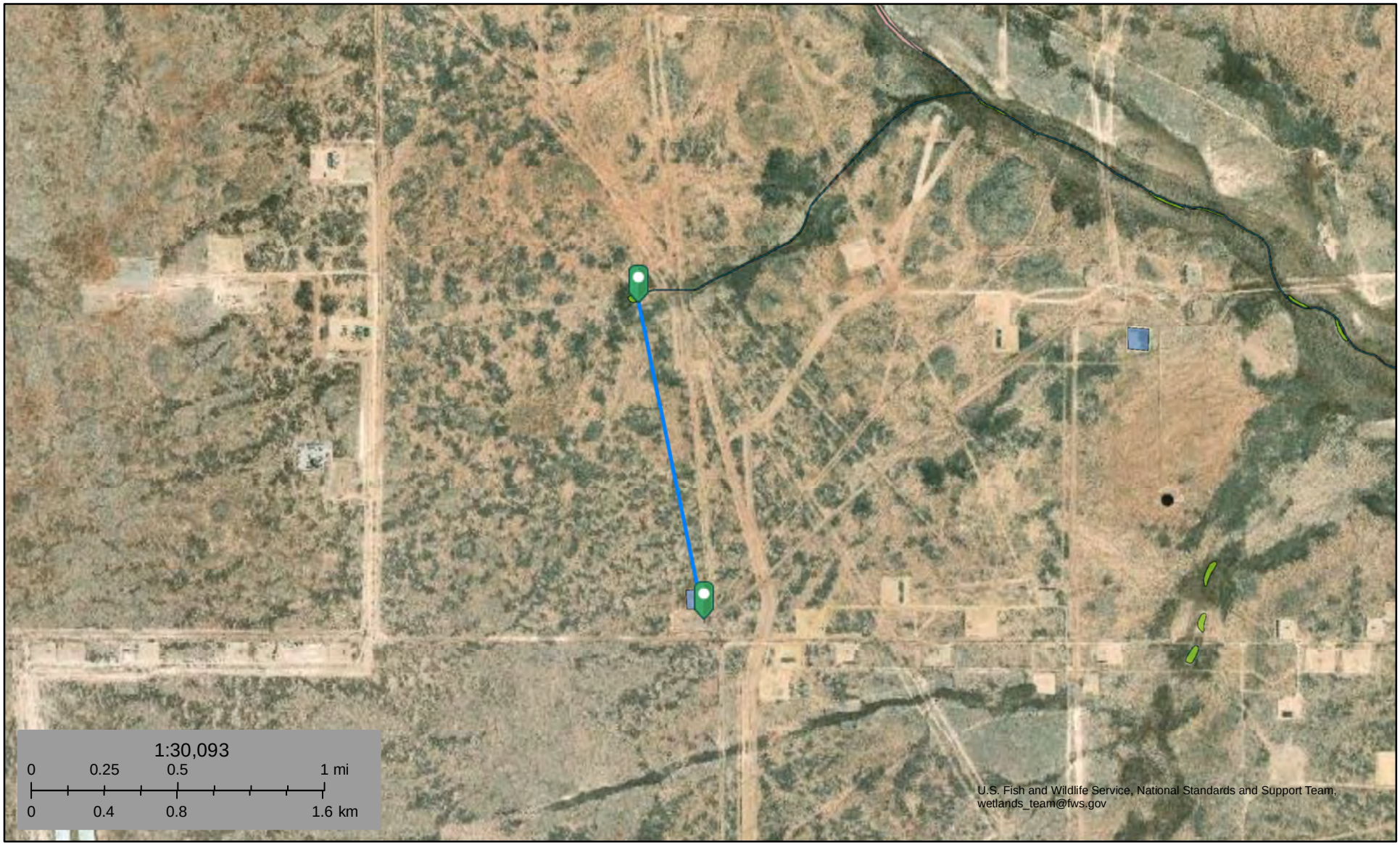
Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Web Generated Map

Map is generated by web users.

U.S. Fish and Wildlife Service
National Wetlands Inventory

NAPP2305359369 | COOKSEY 36 PA ST COM #1H



June 2, 2023

Wetlands_Alaska

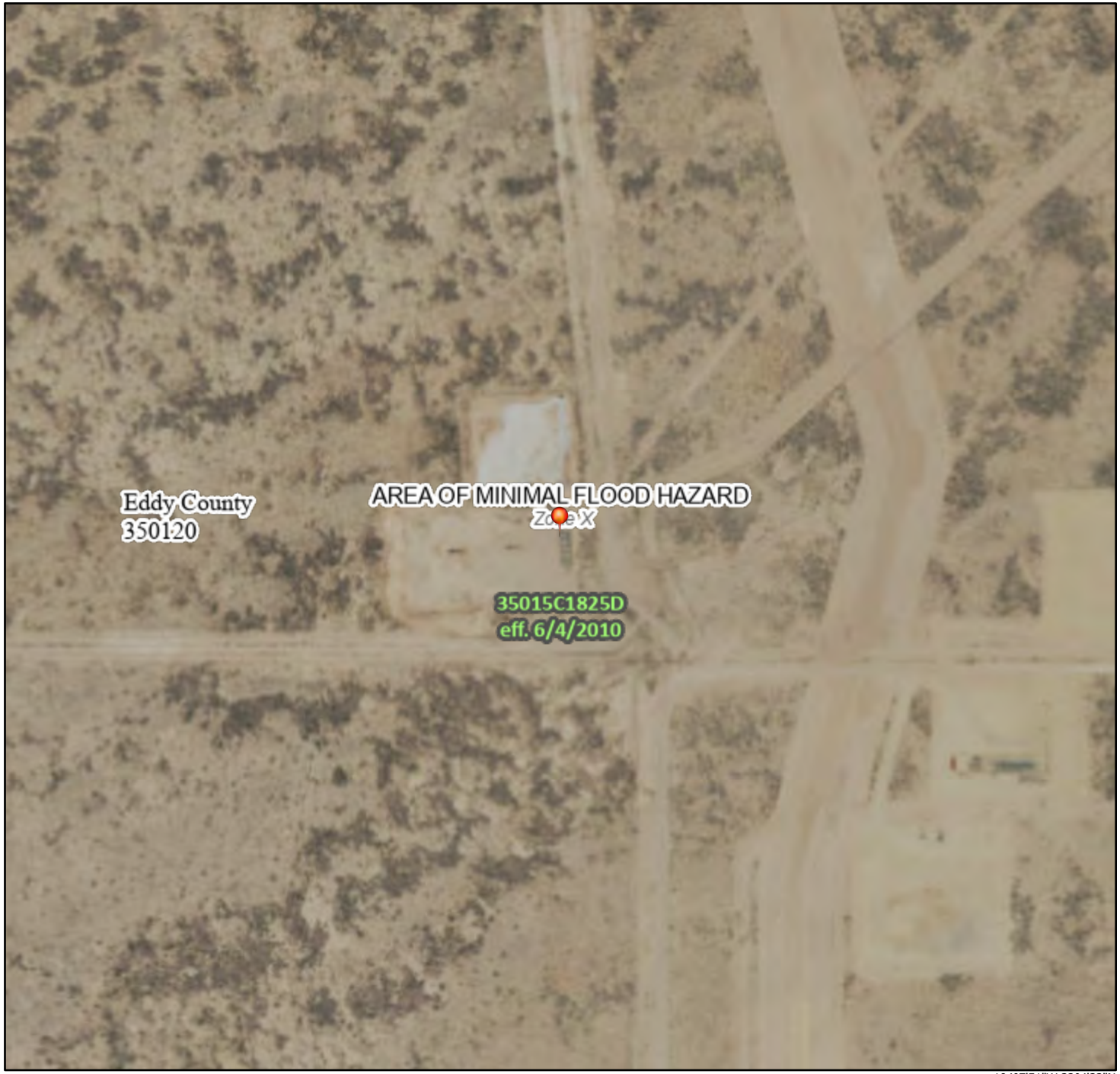
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

FEMA

104°8'28"W 32°5'3"N



104°7'51"W 32°4'32"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

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

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
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 5/30/2023 at 12:59 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.

NAPP2305359369 | COOKSEY 36 PA ST COM #1H

5/30/2023, 10:56:05 AM

Karst Occurrence Potential Medium

High

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

BLM, OCD, New Mexico Tech, Earthstar Geographics

New Mexico Oil Conservation Division

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

Soil Map—Eddy Area, New Mexico
(NAPP2305359369 | COOKSEY 36 PA ST COM #1H)

Soil Map—Eddy Area, New Mexico
(NAPP2305359369 | COOKSEY 36 PA ST 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 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: Nov 12, 2022—Dec 2, 2022

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	2.0	8.6%
RM	Reeves-Reagan loams, 0 to 3 percent slopes	20.9	91.4%
Totals for Area of Interest		**22.9**	**100.0%**

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305359369
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: 06/01/2023

email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: Jocelyn Harimon Date: 06/06/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305359369
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

- ☑ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☑ 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.

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305359369
District RP	
Facility ID	
Application ID	

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: Connor Walker Title: Sr. Engineer

Signature:  Date: 06/01/2023

email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: Jocelyn Harimon Date: 06/06/2023

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305359369
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☒ Extents of contamination must be fully delineated.

☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Connor Walker Title: Sr. Engineer

Signature: _____ Date: 06/01/2023

email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: Jocelyn Harimon Date: 06/06/2023

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

Signature: _____ Date: _____

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	NAPP2305359369
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Mewbourne Oil Company	OGRID
Contact Name: Connor Walker	Contact Telephone
Contact email: cwalker@mewbourne.com	Incident # *(assigned by OCD)* nAPP2305359369
Contact mailing address: 4801 Business Park Blvd, Hobbs, NM 88240	

Location of Release Source

Latitude 32.079911 Longitude -104.135938
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Cooksey 36 PA St Com #1H	Site Type: Battery
Date Release Discovered: 02/08/2023	API# *(if applicable)* **30-015-39427**

Unit Letter	Section	Township	Range	County
P	36	25S	27E	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)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 525	Volume Recovered (bbls) 425
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
Check valve malfunction allowed tanks to overflow into the secondary containment and onto pad.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2305359369
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Release 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 2/9/2023 @ 2:44 PM MST 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

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why: N/A

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: Connor Walker Title: Sr. Engineer

Signature:  Date: 2/17/2023

email: cwalker@mewbourne.com Telephone: 806-202-5281

OCD Only

Received by: Jocelyn Harimon Date: 02/22/2023

Trinity Oilfield Services & Rentals, LLC

June 2nd, 2023

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

Re: **Closure Request**
Cooksey 36 PA ST Com #1H
Tracking #: NAPP2305359369

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	NAPP2305359369
Site Name	Cooksey 36 PA ST Com #1H
Company	Mewbourne Oil Co.
County	Eddy
ULSTR	P-36-25S-27E
GPS Coordinates (NAD 83)	32.079911,-104.135938
Landowner	State

RELEASE BACKGROUND

On 2/22/2023, Mewbourne Oil Co. reported a release at the Cooksey 36 PA ST Com #1H. The release was caused when a check valve malfunction allowed tanks to overflow. Approximately 25,406 sqft. of the Pad and Pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	2/8/2023
Type of Release	Produced Water
Source of Release	Overflow
Volume Released – Produced Water	525 bbls
Volume Recovered – Produced Water	425 bbls
Volume Released – Crude Oil	0 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pad and Pasture - Approximately 25,406 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 $^{1}/_{2}$ 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	> 1,000 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 & Off-Site 4ft bgs | 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 top four feet of the pasture area if impacted by the release, per NMAC 19.15.29.13.D (1) for the top four feet of areas that will be reclaimed following remediation.

REQUEST FOR DEFERRAL

Per the requirements of 19.15.29.12C (1) & (2) Trinity, on behalf of Mewbourne Oil Co., requests a deferral at the Cooksey 36 PA ST Com #1H.

Existing infrastructure hinders the full execution of vertical (Remediation Floors) and horizontal (Remediation Walls) remediation. The contamination area has been fully delineated to meet NMOCD remediation standards.

Remediation Floors and Walls (specifically CF-: 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, and 127; CW-: 18, 19, 20, 21, 22, and 23) at the perimeter of existing infrastructure exceed the limits outlined in Table I of 19.15.29.12 NMAC and will be addressed post-deconstruction of infrastructure. The current condition of the release area does not cause an imminent risk to human health, the environment, or groundwater.

Final vertical and horizontal remediation and reclamation of the site will be in accordance with 19.15.29.12 and 19.15.29.13 NMAC once deconstruction of infrastructure occurs.

Should the request for deferral be denied, Trinity, on behalf of Mewbourne Oil Co., requests a liner to be installed at above referenced points to prevent future spills from permeating soils below 4 ft.

INITIAL ASSESSMENT AND REMEDIATION ACTIVITIES

Initial Sample Activities:

Delineation Summary	
Delineation Dates	03/06/2023 – 03/08/2023; 05/16/2023
Depths Sampled	0' - 12'
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	04/11/2023 - 05/12/2023
Workplan Approval	At Risk
Confirmation Sample Notification	04/10/2023
Liner Variance Request	Yes
Deferral Request	Yes
Depths Excavated	1' - 8'
Area Represented by the required 5-point Confirmation Samples – Floors and Walls	200 sqft.
Total Volume of Excavated Soil	2,386 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 non-deferral 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 deferral approval for the referenced release.

Sincerely,

Dan Dunkelberg

Dan Dunkelberg
Project Manager

Cynthia Jordan

Cynthia Jordan
Project Scientist

Dan Dunkelberg <dan@trinityoilfieldservices.com>

Confirmation Sample Notification - NAPP2305359369 COOKSEY 36 PA ST COM #1H

2 messages

Dan Dunkelberg <dan@trinityoilfieldservices.com> Mon, Apr 10, 2023 at 10:08 AM
To: OCD.Enviro@emnrd.nm.gov
Cc: Connor Walker <cwalker@mewbourne.com>, Jeff Broom <jbroom@mewbourne.com>, Josh Halcomb <josh@trinityoilfieldservices.com>
Bcc: Kennith Angel <k.angel@trinityoilfieldservices.com>

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of Mewbourne Oil Company at the above referenced site on Thursday, April 13, 2023, at 8:00 a.m.

Dan Dunkelberg
Environmental Regulatory Manager

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

Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov> Tue, Apr 11, 2023 at 9:18 AM
To: Dan Dunkelberg <dan@trinityoilfieldservices.com>
Cc: Connor Walker <cwalker@mewbourne.com>, Jeff Broom <jbroom@mewbourne.com>, Josh Halcomb <josh@trinityoilfieldservices.com>

Dan,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

Jocelyn Harimon ● Environmental Specialist

Environmental Bureau

EMNRD - Oil Conservation Division

1220 South St. Francis Drive | Santa Fe, NM 87505

(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov

http:// **www.emnrd.nm.gov**

From: Dan Dunkelberg <dand@trinityoilfieldservices.com>
Sent: Monday, April 10, 2023 10:09 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Connor Walker <cwalker@mewbourne.com>; Jeff Broom <jbroom@mewbourne.com>; Josh Halcomb <josh@trinityoilfieldservices.com>
Subject: [EXTERNAL] Confirmation Sample Notification - NAPP2305359369 COOKSEY 36 PA ST COM #1H

This is a notification that Trinity Oilfield Services will conduct confirmation sampling on behalf of Mewbourne Oil Company at the above referenced site on Thursday, April 13, 2023, at 8:00 a.m.

Dan Dunkelberg

Environmental Regulatory Manager

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	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**
Verical Delineation												
SP1 @ SURFACE	0	3/6/2023	Grab	In-Situ	17600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 1 @ 10'	10	3/8/2023	Grab	In-Situ	6000	10.1	10.1	<10.0	10.1	<10.0	<0.300	<0.050
DV-001-12.0-P	12	5/12/2023	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP2 @ SURFACE	0	3/6/2023	Grab	In-Situ	6530	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP2 @ 8'	8	3/6/2023	Grab	In-Situ	400	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 3 @ SURFACE	0	3/8/2023	Grab	In-Situ	2440	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 3 @ 3'	3	3/8/2023	Grab	In-Situ	96.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 4 @ SURFACE	0	3/8/2023	Grab	In-Situ	5200	17.3	17.3	<10.0	17.3	<10.0	<0.300	<0.050
SP 4 @ 1'	1	3/8/2023	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 5 @ SURFACE	0	3/8/2023	Grab	In-Situ	4160	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 5 @ 2'	2	3/8/2023	Grab	In-Situ	592	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 6 @ SURFACE	0	3/8/2023	Grab	In-Situ	3600	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 6 @ 5'	5	3/8/2023	Grab	In-Situ	240	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 7 @ SURFACE	0	3/8/2023	Grab	In-Situ	8660	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 7 @ 1'	1	3/8/2023	Grab	In-Situ	320	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 8 @ SURFACE	0	3/8/2023	Grab	In-Situ	7330	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP 8 @ 1'	1	3/8/2023	Grab	In-Situ	448	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
Horizontal Delineation												
S1 @ SURFACE	0	3/6/2023	Grab	In-Situ	256	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S2 @ SURFACE	0	3/6/2023	Grab	In-Situ	432	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S3 @ SURFACE	0	3/6/2023	Grab	In-Situ	464	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-004-.001.0-NS	1	4/25/2023	Grab	In-Situ	96.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-005-.001.0-NS	1	4/25/2023	Grab	In-Situ	80.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-006-.001.0-NS	1	4/25/2023	Grab	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-007-.001.0-NS	1	4/25/2023	Grab	In-Situ	96.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-008-.001.0-NS	1	4/25/2023	Grab	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-009-.001.0-NS	1	4/25/2023	Grab	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-010-.001.0-NS	1	4/25/2023	Grab	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-011-.001.0-NS	1	4/25/2023	Grab	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
S-012-.001.0-NS	1	4/25/2023	Grab	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY
OILFIELD SERVICES

SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	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**
S-013-.001.0-NS	1	4/25/2023	Grab	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

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-001.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	192	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-002.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-003.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-004.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	224	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-005.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	256	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-006.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-007.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-008.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-009.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-010.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-011.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-012.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	224	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-013.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-014.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	224	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-015.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-016.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-017.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-018.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-019.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-020.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-021.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-022.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	192	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-023.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	240	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-024.0-01.5-S	1.5	4/11/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-025.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-026.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-027.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-028.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-029.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	288	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-030.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	32	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-031.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	176	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-032.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-033.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-034.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	352	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-035.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	336	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-036.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	368	24.8	24.8	<10.0	24.8	<10.0	<.300	<0.50
CF-037.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

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**
CF-038.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-039.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	224	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-040.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	16	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-041.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-042.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-043.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-044.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-045.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-046.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-047.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-048.0-05.0-S	5	4/11/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-049.0-05.0-S	5	4/13/2023	Floor	On-Site	Composite	In-Situ	336	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-050.0-08.0-S	8	4/13/2023	Floor	On-Site	Composite	In-Situ	352	10.3	10.3	<10.0	10.3	<10.0	<.300	<0.50
CF-051.0-08.0-S	8	4/13/2023	Floor	On-Site	Composite	In-Situ	272	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-052.0-08.0-S	8	4/13/2023	Floor	On-Site	Composite	In-Situ	304	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-053.0-08.0-S	8	4/13/2023	Floor	On-Site	Composite	In-Situ	352	23.7	23.7	<10.0	23.7	<10.0	<.300	<0.50
CF-054.0-08.0-S	8	4/13/2023	Floor	On-Site	Composite	In-Situ	352	38.6	38.6	<10.0	38.6	<10.0	<.300	<0.50
CF-055.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	352	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-056.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	Excavated	656	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-056.0-04.0-S	4	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-057.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	288	28.2	28.2	<10.0	28.2	<10.0	<.300	<0.50
CF-058.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	Excavated	688	21.7	21.7	<10.0	21.7	<10.0	<.300	<0.50
CF-058.0-04.0-S	4	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-059.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	352	22.6	22.6	<10.0	22.6	<10.0	<.300	<0.50
CF-060.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	240	13.3	13.3	<10.0	13.3	<10.0	<.300	<0.50
CF-061.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	320	16.2	16.2	<10.0	16.2	<10.0	<.300	<0.50
CF-062.0-03.0-S	3	4/13/2023	Floor	On-Site	Composite	In-Situ	320	10.9	10.9	<10.0	10.9	<10.0	<.300	<0.50
CF-063.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	256	16	16	<10.0	16	<10.0	<.300	<0.50
CF-064.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	256	12.4	12.4	<10.0	12.4	<10.0	<.300	<0.50
CF-065.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	320	13.2	13.2	<10.0	13.2	<10.0	<.300	<0.50
CF-066.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	272	10.8	10.8	<10.0	10.8	<10.0	<.300	<0.50
CF-067.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	336	31.7	31.7	<10.0	31.7	<10.0	<.300	<0.50
CF-068.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	224	18.8	18.8	<10.0	18.8	<10.0	<.300	<0.50
CF-069.0-02.0-S	2	4/13/2023	Floor	On-Site	Composite	In-Situ	320	22.8	22.8	<10.0	22.8	<10.0	<.300	<0.50
CF-070.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-071.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-072.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-073.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

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**
CF-074.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-075.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-076.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-077.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-078.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-079.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-080.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-081.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-082.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-083.0-02.0-S	2	4/18/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-084.0-01.0-S	1	4/18/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-085.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-086.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-087.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-088.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-089.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-090.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-091.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-092.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-093.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-094.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-095.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-096.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-097.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-098.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-099.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-100.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-101.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-102.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-103.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-104.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-105.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-106.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-107.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-108.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	144	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-109.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-110.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-111.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

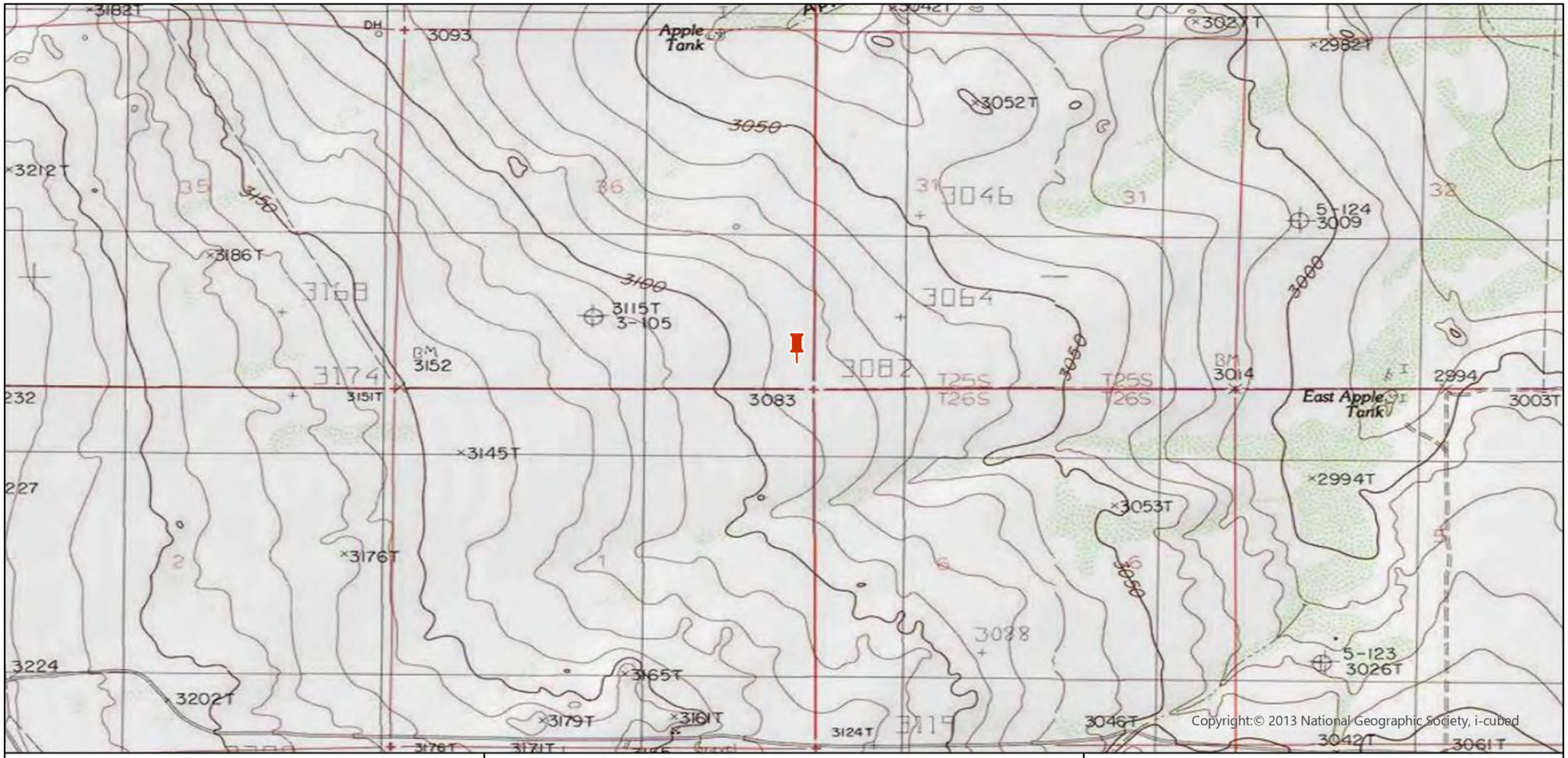
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	FLOOR/ WALL	OFF-SITE/ ON-SITE	SAMPLE TYPE	SOIL STATUS	CHLORIDE (mg/Kg)	TPH C6-C36 (mg/Kg)	GRO+ DRO (mg/kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	MRO C28-C36 (mg/Kg)	TOTAL BTEX (mg/Kg)	BENZENE (mg/Kg)
NMOCD Closure Limits Pad							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Closure Limits Pasture to 4'							**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
CF-112.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-113.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-114.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-115.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CF-116.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	Excavated	96800	202.5	142	<10.0	142	60.5	<.300	<0.50
CF-116.0-04.0-S	4	5/12/2023	Floor	On-Site	Composite	In-Situ	10600	29.1	29.1	<10.0	29.1	<10.0	<.300	<0.50
CF-117.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	Excavated	112000	378	265	<10.0	265	113	<.300	<0.50
CF-117.0-04.0-S	4	5/12/2023	Floor	On-Site	Composite	In-Situ	10000	11.2	11.2	<10.0	11.2	<10.0	<.300	<0.50
CF-118.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	Excavated	51200	69.7	43.1	<10.0	43.1	26.6	<.300	<0.50
CF-118.0-04.0-S	4	5/12/2023	Floor	On-Site	Composite	In-Situ	11200	43.1	43.1	<10.0	43.1	<10.0	<.300	<0.50
CF-119.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	88000	210.4	147	<10.0	147	63.4	<.300	<0.50
CF-120.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	107000	385	271	<10.0	271	114	<.300	<0.50
CF-121.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	65600	207.2	133	<10.0	133	74.2	<.300	<0.50
CF-122.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	99200	479	346	<10.0	346	133	<.300	<0.50
CF-123.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	41600	58.9	40.8	<10.0	40.8	18.1	<.300	<0.50
CF-124.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	84800	447	314	<10.0	314	133	<.300	<0.50
CF-125.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	43200	30.3	30.3	<10.0	30.3	<10.0	<.300	<0.50
CF-126.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	34400	41.8	31.4	<10.0	31.4	10.4	<.300	<0.50
CF-127.0-01.0-S	1	4/25/2023	Floor	On-Site	Composite	In-Situ	48000	80.5	55.9	<10.0	55.9	24.6	<.300	<0.50
Remediation Walls														
CW-001.0-00.5-S	0.5	4/13/2023	Wall	On-Site	Composite	In-Situ	352	21.6	21.6	<10.0	21.6	<10.0	<.300	<0.50
CW-002.0-00.5-S	0.5	4/13/2023	Wall	On-Site	Composite	In-Situ	208	24	24	<10.0	24	<10.0	<.300	<0.50
CW-003.0-03.0-S	3	4/13/2023	Wall	On-Site	Composite	In-Situ	272	21.8	21.8	<10.0	21.8	<10.0	<.300	<0.50
CW-004.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-005.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-006.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	96	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-007.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-008.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	48	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-009.0-03.0-S	3	4/18/2023	Wall	On-Site	Composite	In-Situ	64	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-010.0-01.0-S	1	4/18/2023	Wall	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-011.0-01.0-S	1	4/18/2023	Wall	On-Site	Composite	In-Situ	128	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-012.0-01.0-S	1	4/18/2023	Wall	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-013.0-00.5-S	0.5	4/25/2023	Wall	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-014.0-00.5-S	0.5	4/25/2023	Wall	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-015.0-00.5-S	0.5	4/25/2023	Wall	On-Site	Composite	In-Situ	160	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-016.0-00.5-S	0.5	4/25/2023	Wall	On-Site	Composite	In-Situ	80	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-017.0-00.5-S	0.5	4/25/2023	Wall	On-Site	Composite	In-Situ	112	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-018.0-04.0-S	4	5/12/2023	Wall	On-Site	Composite	In-Situ	5200	24.8	24.8	<10.0	24.8	<10.0	<.300	<0.50
CW-019.0.0-04.S	0	5/12/2023	Wall	On-Site	Composite	In-Situ	2560	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50
CW-020.0.0-04.S	0	5/12/2023	Wall	On-Site	Composite	In-Situ	3440	78.3	66	<10.0	66	12.3	<.300	<0.50

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

MEWBNOURNE OIL CO
COOKSEY 36 PA ST COM #1H
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2305359369

TRINITY OILFIELD SERVICES

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**
CW-021.0-02.0-S	2	5/12/2023	Wall	On-Site	Composite	In-Situ	4800	86.7	71.6	<10.0	71.6	15.1	<.300	<0.50
CW-022.0-02.0-S	2	5/12/2023	Wall	On-Site	Composite	In-Situ	4640	47.8	47.8	<10.0	47.8	<10.0	<.300	<0.50
CW-023.0-02.0-S	2	5/12/2023	Wall	On-Site	Composite	In-Situ	3760	<10.0	<10.0	<10.0	<10.0	<10.0	<.300	<0.50



Legend:

Site Location

Site Location Map
Mewbourne Oil Co.
Cooksey 36 PA ST COM #1H
Eddy County, New Mexico
32.079911, -104.135938
NMOCD Reference # NAPP2305359369

0 0.25 0.5 1 Miles

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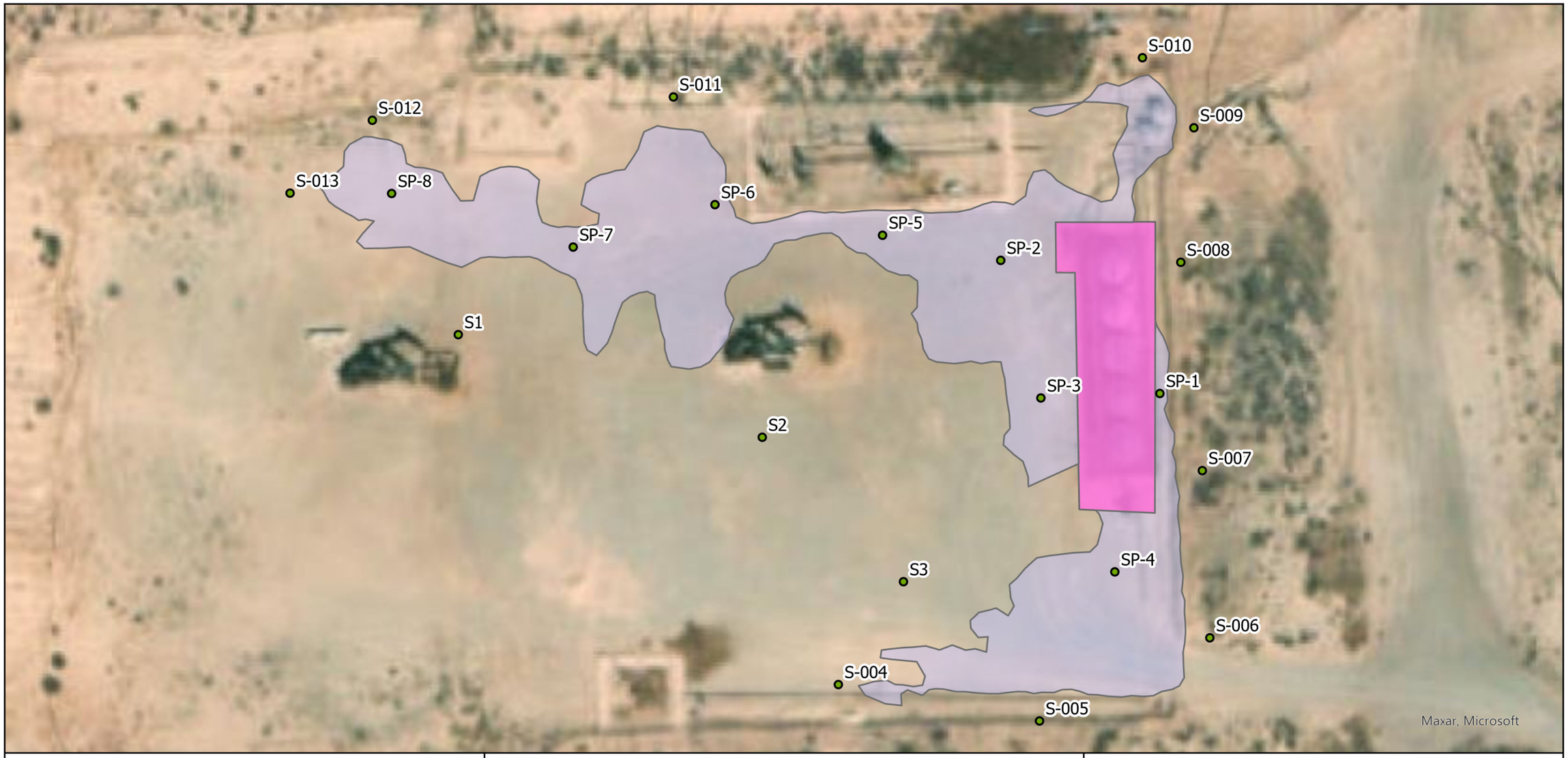
TRINITY OILFIELD SERVICES



Legend:

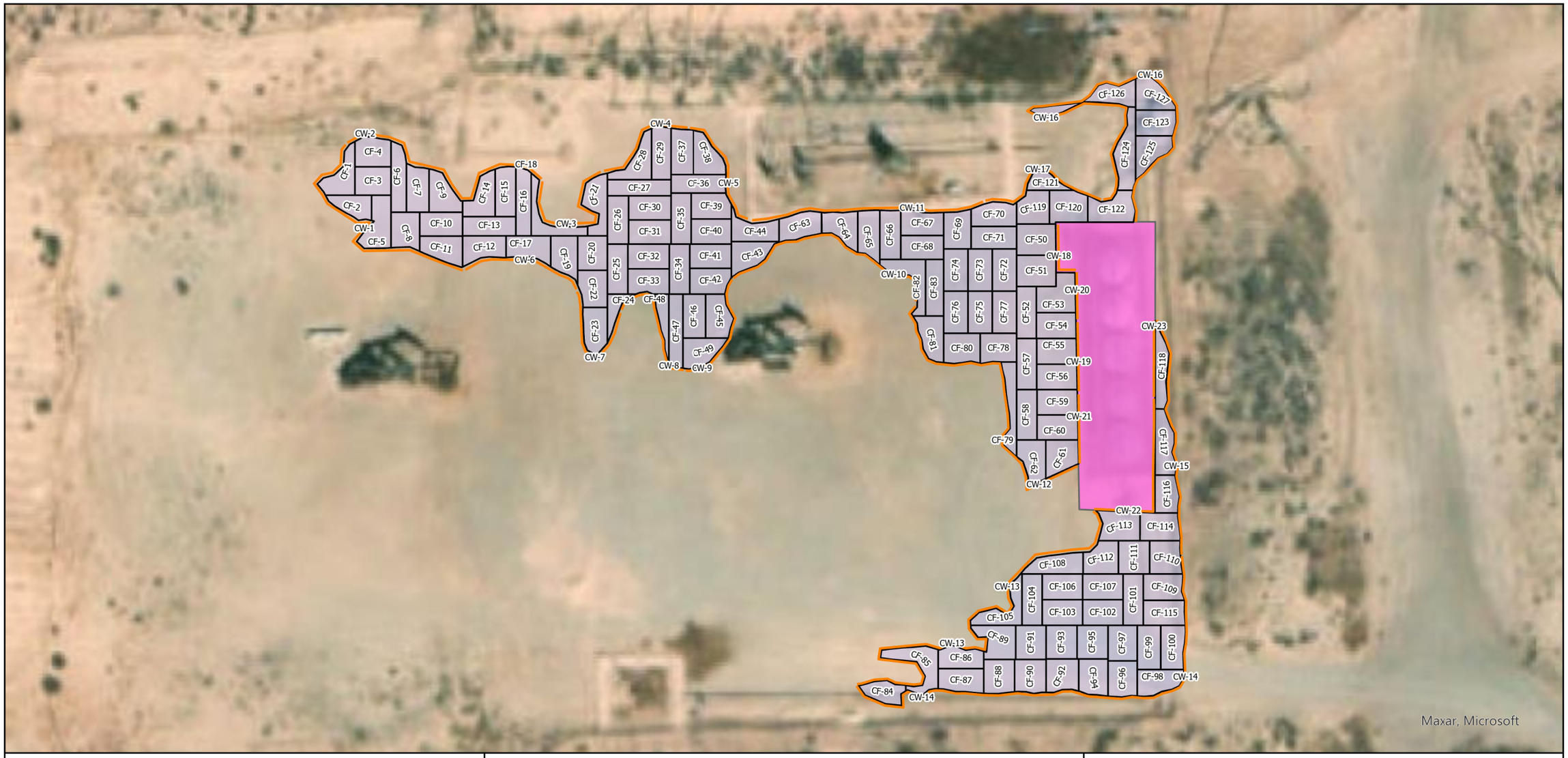
- Sample Point
- Release Area
- Existing Infrastructure

Delineation Map
Mewbourne Oil Co.
Cooksey 36 PA ST COM #1H
Eddy County, New Mexico
32.079911, -104.135938
NMOCD Reference # NAPP2305359369

0 45 90 180 Feet

N

TRINITY OILFIELD SERVICES



Legend:

- Remediation Walls
- Remediation Floors
- Excavation Area
- Existing Infrastructure

Remediation Map
Mewbourne Oil Co.
Cooksey 36 PA ST COM #1H
Eddy County, New Mexico
32.079911, -104.135938
NMOCD Reference # NAPP2305359369

0 45 90 180 Feet

N

TRINITY OILFIELD SERVICES

TRINITY
OILFIELD SERVICES

Initial Release

Pad:

Pad:

TRINITY
OILFIELD SERVICES

Initial Release

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Excavation

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Excavation

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OILFIELD SERVICES

Excavation

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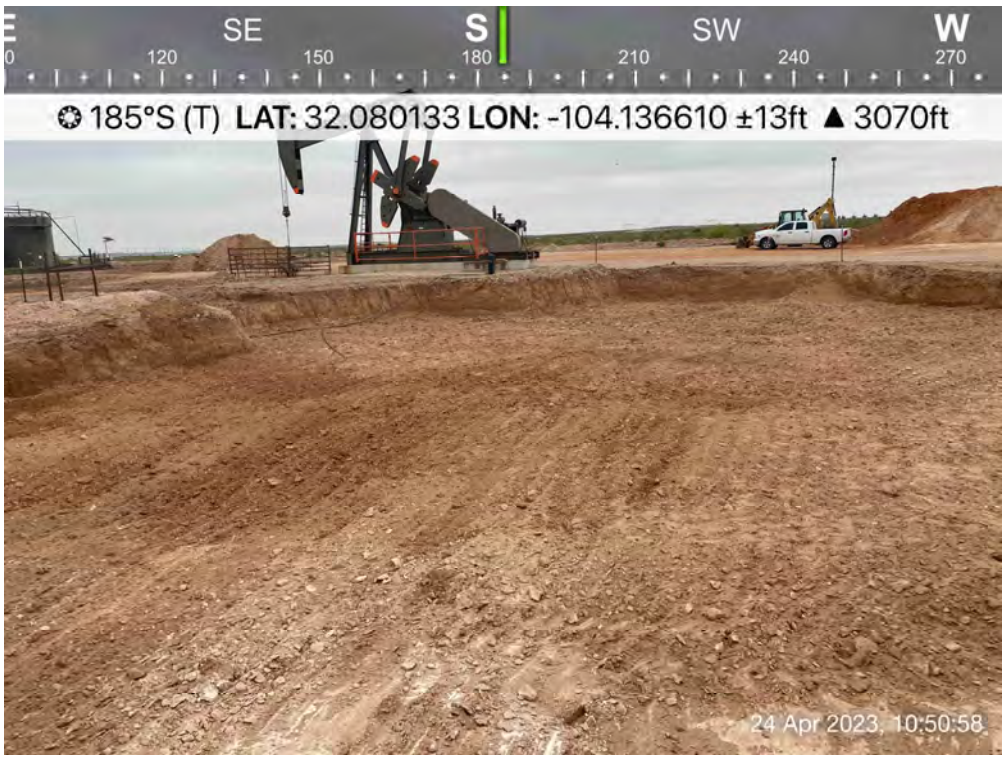

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OILFIELD SERVICES

Excavation

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Excavation

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Excavation

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TRINITY
OILFIELD SERVICES

Excavation

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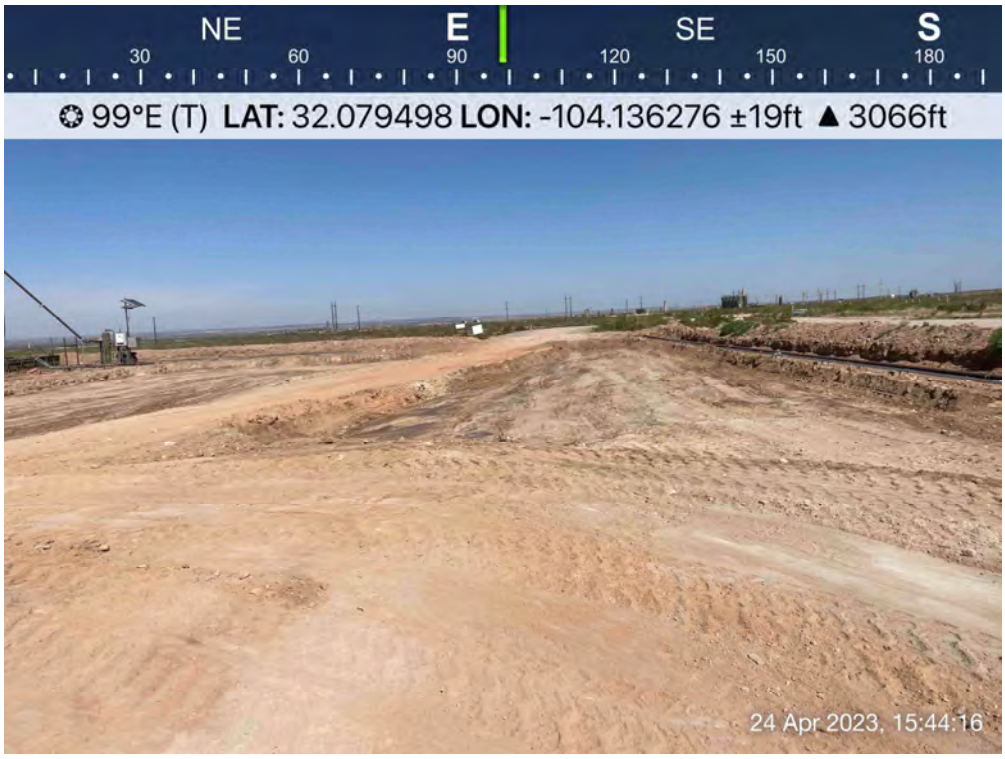

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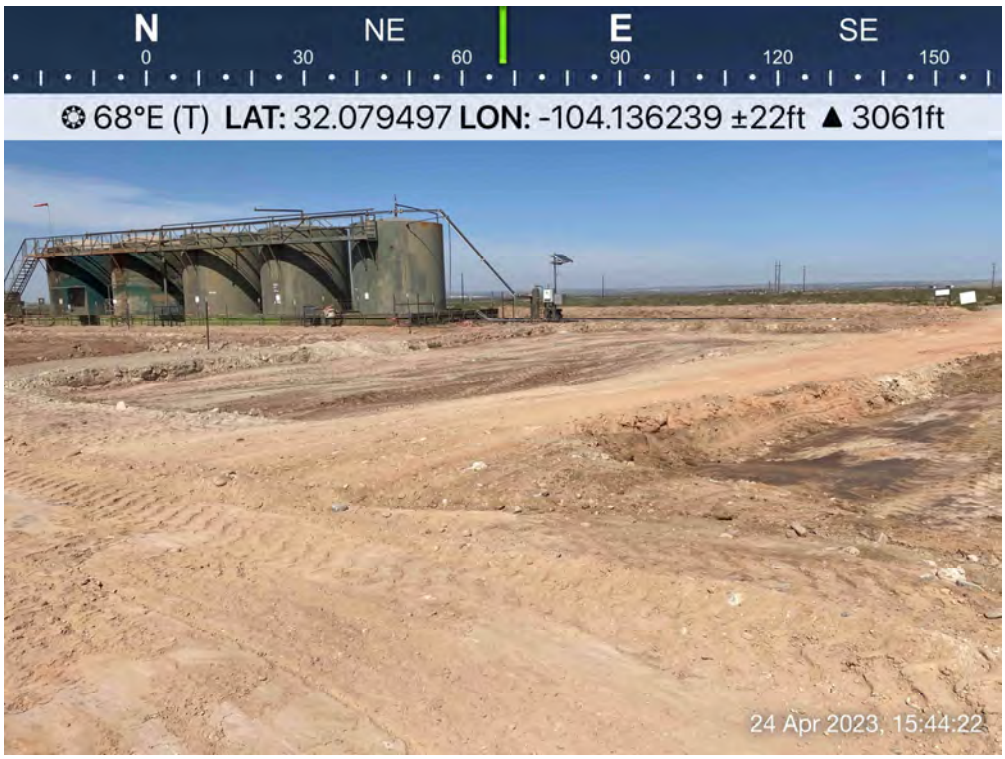

TRINITY
OILFIELD SERVICES

Excavation

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TRINITY
OILFIELD SERVICES

Excavation

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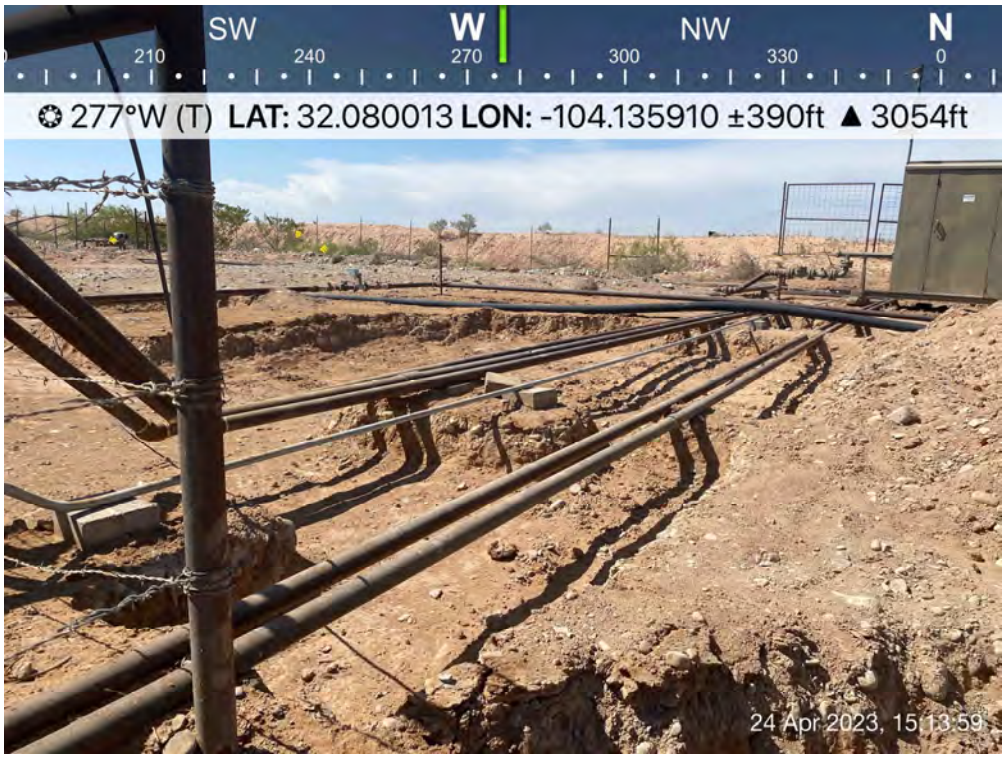
TRINITY
OILFIELD SERVICES

Deferral Area

Pad:



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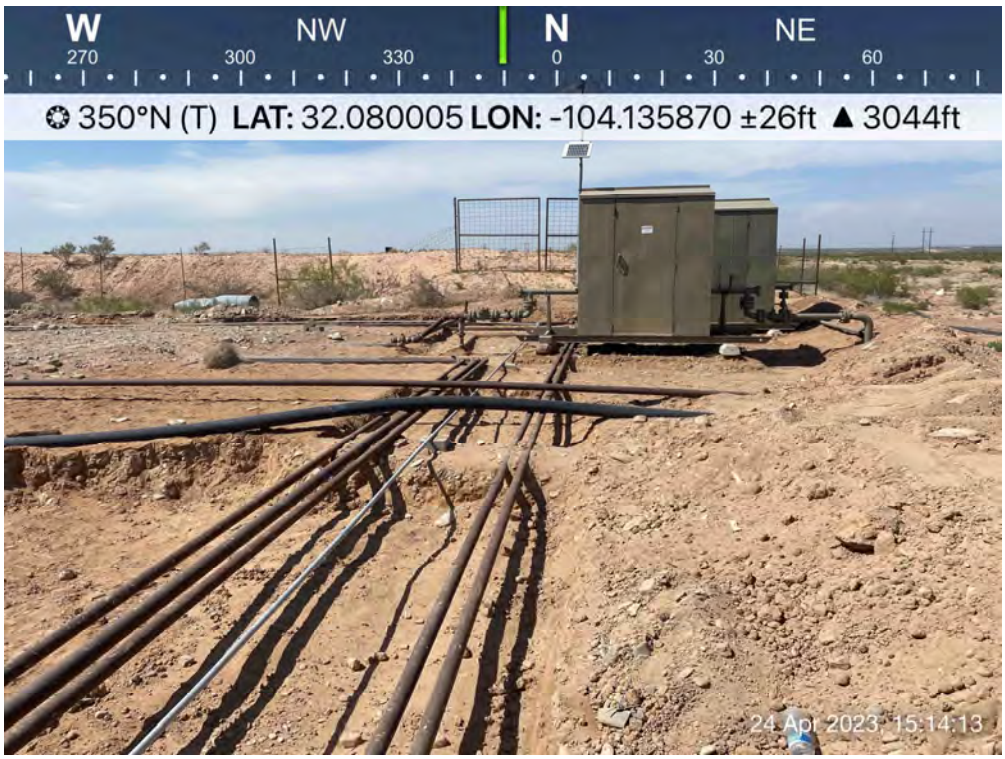

TRINITY
OILFIELD SERVICES

Deferral Area

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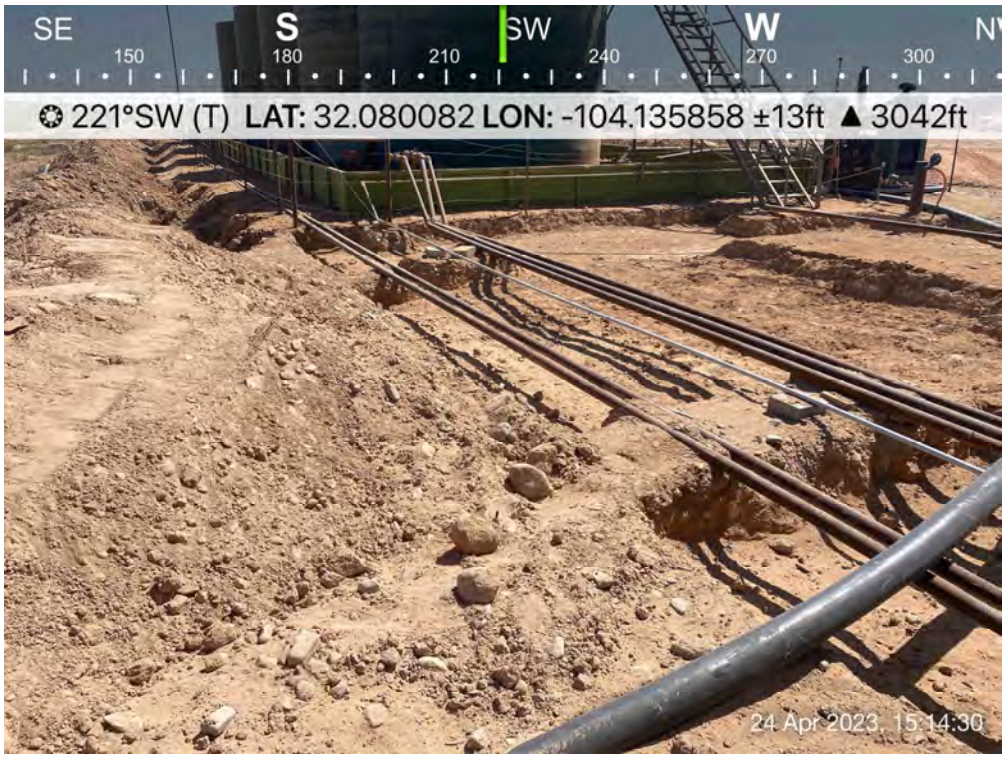

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TRINITY
OILFIELD SERVICES

Deferral Area

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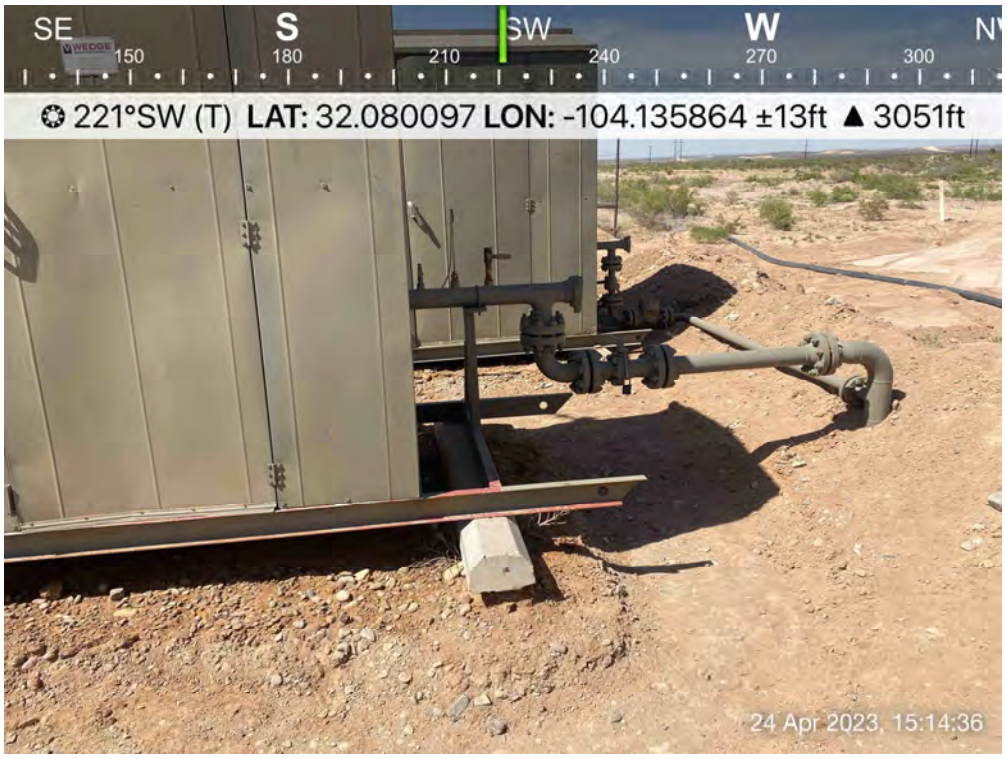


Pad:

TRINITY
OILFIELD SERVICES

Deferral Area

Pad:

Pad:

NAPP2305359369 | COOKSEY 36 PA ST COM #1H

5/30/2023, 10:52:09 AM

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

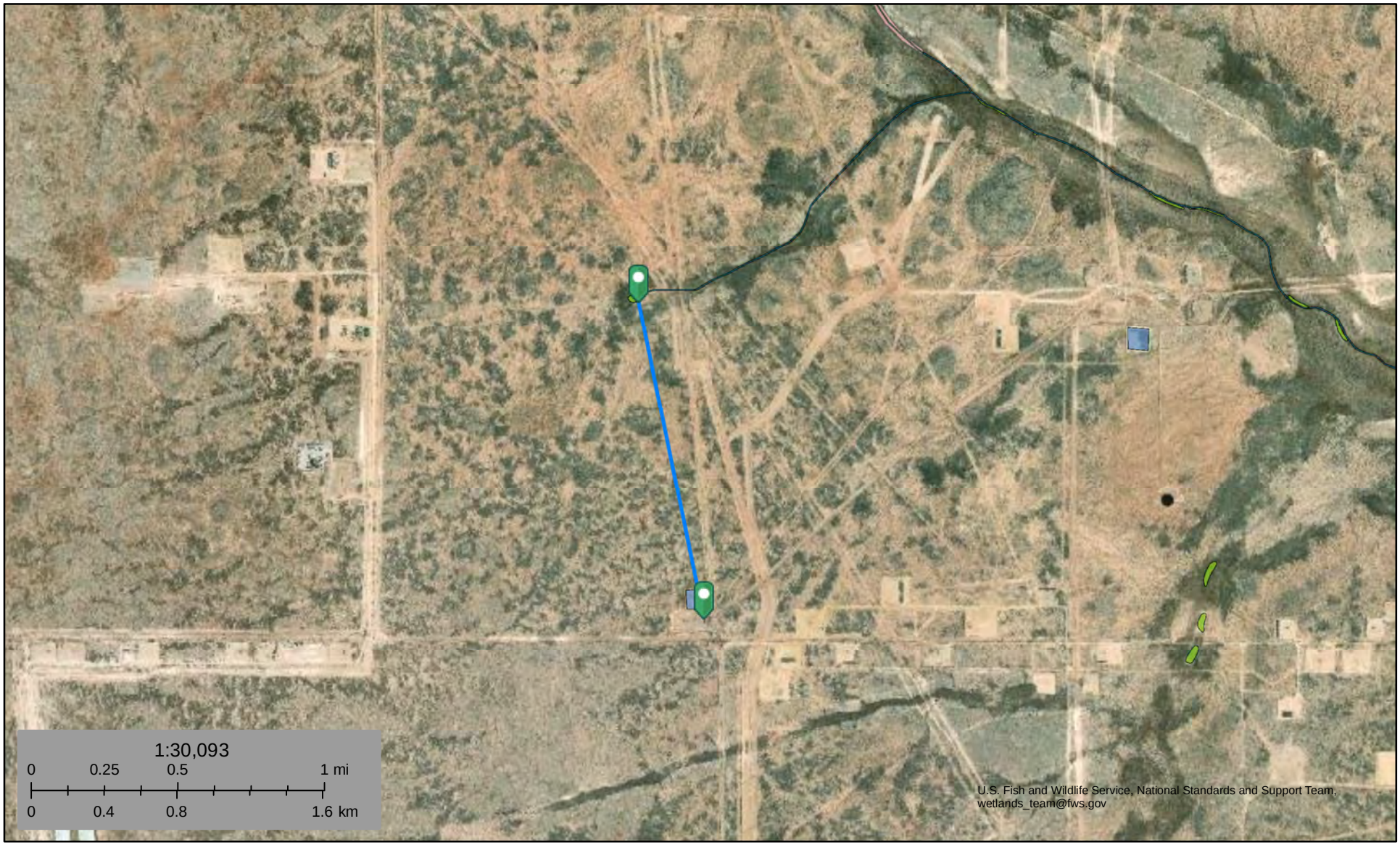
Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Web Generated Map

Map is generated by web users.

U.S. Fish and Wildlife Service
National Wetlands Inventory

NAPP2305359369 | COOKSEY 36 PA ST COM #1H



June 2, 2023

Wetlands_Alaska

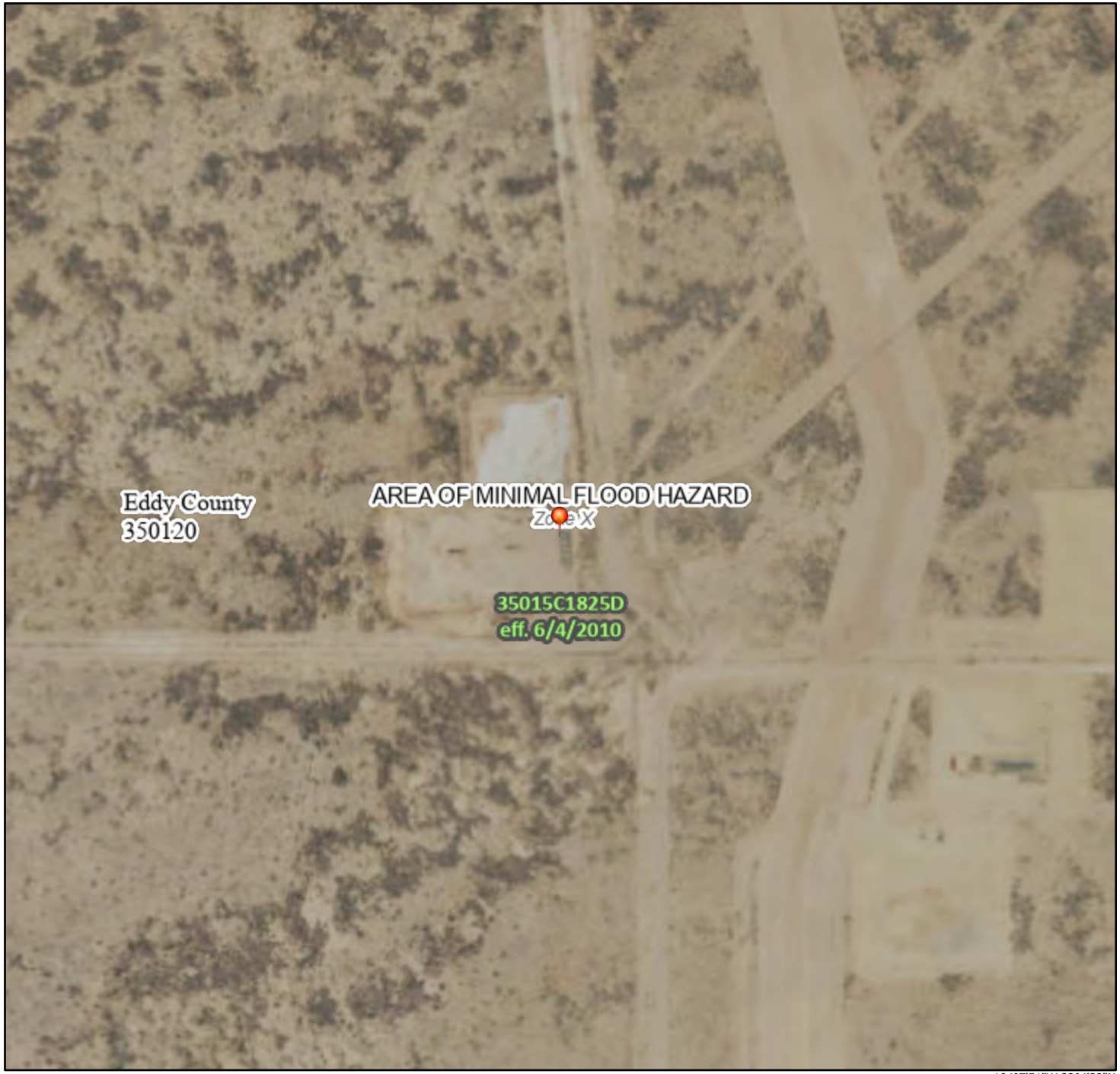
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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

FEMA

104°8'28"W 32°5'3"N



104°7'51"W 32°4'32"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

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

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
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 5/30/2023 at 12:59 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.

NAPP2305359369 | COOKSEY 36 PA ST COM #1H

5/30/2023, 10:56:05 AM

Karst Occurrence Potential

Medium

High

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

BLM, OCD, New Mexico Tech, Earthstar Geographics

New Mexico Oil Conservation Division

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

Soil Map—Eddy Area, New Mexico
(NAPP2305359369 | COOKSEY 36 PA ST COM #1H)

Soil Map—Eddy Area, New Mexico
(NAPP2305359369 | COOKSEY 36 PA ST 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 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: Nov 12, 2022—Dec 2, 2022

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	2.0	8.6%
RM	Reeves-Reagan loams, 0 to 3 percent slopes	20.9	91.4%
Totals for Area of Interest		**22.9**	**100.0%**

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

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

CONDITIONS

Action 224184

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 224184
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Mewbourne's deferral requests to complete final remediation during any future major construction/alteration or final plugging/abandonment, whichever occurs first. Trinity Oilfield Services and Mewbourne do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The area requested for deferral is the impacted soil located at the perimeter of existing infrastructure shown on page 22 of the report, which includes sample areas (CF-: 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, and 127; CW-: 18, 19, 20, 21, 22, and 23). The areas have been delineated and documented in the report. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and marked accordingly. The release will remain open in OCD database files and reflect an open environmental issue.	10/31/2023