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	NAPP2235631785
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude 32.28888182 Longitude -103.73881748
(NAD 83 in decimal degrees to 5 decimal places)

Site Name AMAX 24-8 Battery	Site Type
Date Release Discovered 12/19/2022	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
L	24	23S	31E	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) 20	Volume Recovered (bbls) 0
	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 Corrosion		

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State of New Mexico
Oil Conservation Division

Incident ID	NAPP2235631785
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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?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☑ 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:

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: Wade Dittrich Title: Environmental Coordinator

Signature: Wade Dittrich Date: 03/01/2023

email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: _____ Date: _____

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State of New Mexico
Oil Conservation Division

Incident ID	NAPP2235631785
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?	>105 (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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State of New Mexico
Oil Conservation Division

Incident ID	NAPP2235631785
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: Wade Dittrich Title: Environmental Coordinator

Signature: Wade Dittrich Date: 03/01/2023

email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Jocelyn Harimon Date: 03/02/2023

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State of New Mexico
Oil Conservation Division

Incident ID	NAPP2235631785
District RP	
Facility ID	
Application ID	

Remediation Plan

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

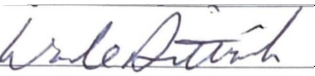
- ☑ Detailed description of proposed remediation technique
- ☑ Scaled sitemap with GPS coordinates showing delineation points
- ☑ Estimated volume of material to be remediated
- ☑ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☑ Proposed schedule for remediation (note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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator

Signature:  Date: 03/01/2023

email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Jocelyn Harimon Date: 03/02/2023

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

Signature: _____ Date: _____

Trinity Oilfield Services & Rentals, LLC

March 1st, 2023

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

Re: **Request for Approval of Work Plan**
AMAX 24-8 Battery
Tracking #: NAPP2235631785

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

Site Information	
Incident ID	NAPP2235631785
Site Name	AMAX 24-8 Battery
Company	OXY USA, Inc.
County	Eddy
ULSTR	L-24-23S-31E
GPS Coordinates (NAD 83)	32.28888182,-103.73881748
Landowner	Federal

RELEASE BACKGROUND

On 12/22/2022, OXY USA, Inc. reported a release at the AMAX 24-8 Battery. The release was caused by corrosion. Approximately 17,242 sqft. of the Pad and Pasture was found to be damp upon initial inspection.

Release Information	
Date of Release	12/19/2022
Type of Release	Produced Water
Source of Release	Corrosion
Volume Released – Produced Water	20 bbls
Volume Recovered – Produced Water	0 bbls
Volume Released – Crude Oil	0 bbls
Volume Recovered – Crude Oil	0 bbls
Affected Area – Damp Soil	Pad and Pasture - Approximately 17,242 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	SB-10	02/20/2023	105’

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) well occurred in the data bases that meets the NMOCD criteria for age of data, distance of the data point well from the release point and a data point well having a diagram of construction.

On 02/20/2023, Trinity was onsite to drill a groundwater determination borehole (SB-10) to 105' below ground surface within a ½ mile radius of the incident location. The borehole was left open for 72 hours and checked for the presence of groundwater. As a result, no water was detected at 105’ below surface at the borehole location (32.28888889, -103.73888889). The driller log is attached for reference.

General Site Characterization:

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

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

Closure Criteria:

Site & Pasture 4ft bgs | Recommended Remedial Action Levels (RRALs)	
Chlorides	20,000 mg/kg
TPH (GRO and DRO and MRO)	2,500 mg/kg
TPH (GRO and DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

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

INITIAL ASSESMENT AND REMEDIATION ACTIVITES

Initial Sample Activities:

Delineation Summary	
Delineation Dates	01/05/2023 - 02/08/2023
Depths Sampled	0' - 13'
Delineation Map	Attached
Laboratory Results	Table 1

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

Confirmation Activities:

Remediation Proposal	
Remediation Dates	Within 90 Days of Approval
Liner Variance Request	None
Deferral Request	None
Proposed Depths Excavated	3” – 4’
Proposed Area of 5-point Confirmation Samples – Floors and Walls	400 sqft.
Estimated Total Volume of Excavated Soil	414 yards
Proposed Remediation Map	Attached

Impacted soil within the release margins will be excavated and temporarily stockpiled on-site on a 6-mil plastic sheeting, pending final disposition. The floors of the excavated area will be advanced until laboratory analytical results from confirmation soil samples indicate Chloride, Benzene, BTEX, and TPH concentrations are below the NMOCD Closure Criteria listed in the Table above, all walls On-Site will be advanced to meet Recommended Remedial Action Levels (RRALs), and all walls Off-Site will be advanced to meet reclamation standard. Confirmation soil samples (five-point composites representing no more than 400 sqft. of the excavated area) will be collected from the floor and sidewalls.

Upon receiving laboratory analytical data showing that confirmation soil samples from the excavated areas yield results below the selected NMOCD Table 1 Closure Criteria; the impacted soil will be transported under manifest to a NMOCD-approved disposal facility and the excavated area will be backfilled with locally sourced, non-impacted "like" material.

SITE RECLAMATION AND RESTORATION

Areas affected by the release and the associated remediation activities will be restored to a condition which existed prior to the release to the extent practicable. The affected area will be contoured and/or compacted to provide erosion control, stability, and preservation of surface water flow. Affected areas not on production pads and/or lease roads will be reseeded with a prescribed US Bureau of Land Management seed mixture during the first favorable growing season following closure of the site in accordance with the applicable regulatory agency.

REQUEST FOR CLOSURE

Supporting Documentation	
C-141, pages 1-5	Signed and Attached
Delineation Map	Attached
Depth to Groundwater Maps and Source	Attached
US NWI Map	Attached
FEMA Flood Hazard Map	Attached
USDA Soil Survey	Attached
Site Photography	Attached
Laboratory Analytics with COCs	Attached

The corrective actions will be completed within 90 days of receipt of approval of this proposal by the NMOCD. Upon completion of the proposed tasks, a "Remediation Summary & Closure Request" will be submitted, documenting remediation activities and results of confirmation soil samples.

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

Sincerely,

Dan Dunkelberg

Dan Dunkelberg
Project Manager

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

OXY USA, INC.
AMAX 24-8 BATTERY
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2235631785

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)
Delineation Special circumstances, On-Site, & Deeper than 4' Pasture					**600**	**2500**	**1000**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Delineation Limits Pasture to 4' & Walls					**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
Vertical Delineation												
SP-001-00.0-V-S	0	1/5/2023	Grab	Excavated	30,000.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-001-03.0-V-S	3	1/5/2023	Grab	Excavated	784.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-001-04.0-V-S	4	2/9/2023	Grab	In-Situ	128.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-00.0-V-S	0	1/5/2023	Grab	Excavated	13,000.00	25,627.00	21,727.00	627.00	21,100.00	3,900.00	6.31	<0.050
SP-002-02.0-V-S	2	1/5/2023	Grab	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-00.0-V-S	0	1/5/2023	Grab	Excavated	24,400.00	30.60	30.60	<10.0	30.60	<10.0	<0.300	<0.050
SP-003-01.0-V-S	1	1/5/2023	Grab	Excavated	608.00	16.60	16.60	<10.0	16.60	<10.0	<0.300	<0.050
SP-003-02.0-V-S	2	1/17/2023	Grab	In-Situ	480.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-00.0-V-S	0	1/5/2023	Grab	Excavated	34,400.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-06.0-V-S	6	2/8/2023	Grab	In-Situ	432.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-00.0-V-S	0	1/5/2023	Grab	Excavated	45,600.00	62.70	48.80	<10.0	48.80	13.90	<0.300	<0.050
SP-005-04.0-V-S	4	1/5/2023	Grab	Excavated	1,470.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-07.0-V-S	7	1/5/2023	Grab	In-Situ	80.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-00.0-V-S	0	1/5/2023	Grab	Excavated	42,000.00	24.50	24.50	<10.0	24.50	<10.0	<0.300	<0.050
SP-006-04.0-V-S	4	1/5/2023	Grab	Excavated	5,840.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-08.0-V-S	8	1/5/2023	Grab	Excavated	1,800.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-13.0-V-S	13	1/5/2023	Grab	In-Situ	464.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-00.0-V-S	0	1/6/2023	Grab	Excavated	45,600.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-03.0-V-S	3	1/6/2023	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-008-00.0-V-S	0	1/6/2023	Grab	Excavated	30,800.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-008-04.0-V-S	4	1/6/2023	Grab	Excavated	784.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-008-06.0-V-S	6	1/6/2023	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-009-00.0-V-S	0	1/6/2023	Grab	Excavated	46,000.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-009-03.0-V-S	3	1/6/2023	Grab	In-Situ	320.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-010-00.0-V-S	0	1/6/2023	Grab	Excavated	42,000.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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

OXY USA, INC.
AMAX 24-8 BATTERY
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2235631785

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)
Delineation Special circumstances, On-Site, & Deeper than 4' Pasture					**600**	**2500**	**1000**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Delineation Limits Pasture to 4' & Walls					**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
SP-010-01.0-V-S	1	1/6/2023	Grab	In-Situ	288.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-011-00.0-V-S	0	1/6/2023	Grab	Excavated	18,000.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-011-01.0-V-S	1	1/6/2023	Grab	In-Situ	272.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-012-00.0-V-S	0	1/6/2023	Grab	Excavated	21,600.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-012-03.0-V-S	3	1/6/2023	Grab	In-Situ	464.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-013-00.0-V-S	0	1/9/2023	Grab	Excavated	18,000.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-013-02.0-V-S	2	1/9/2023	Grab	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-014-00.0-V-S	0	1/9/2023	Grab	Excavated	34,000.00	55.60	36.20	<10.0	36.20	19.40	<0.300	<0.050
SP-014-04.0-V-S	4	1/9/2023	Grab	Excavated	2,840.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-014-05.0-V-S	5	1/9/2023	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-015-00.0-V-S	0	1/9/2023	Grab	Excavated	32,000.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-015-01.0-V-S	1	1/9/2023	Grab	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-016-00.0-V-S	0	1/9/2023	Grab	Excavated	44,800.00	14.30	14.30	<10.0	14.30	<10.0	<0.300	<0.050
SP-016-04.0-V-S	4	1/9/2023	Grab	Excavated	8,000.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-016-08.0-V-S	8	1/9/2023	Grab	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-017-00.0-V-S	0	1/9/2023	Grab	Excavated	11,600.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-017-04.0-V-P	4	1/10/2023	Grab	Excavated	96.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-017-05.0-V-P	5	1/10/2023	Grab	In-Situ	208.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-018-00.0-V-P	0	1/10/2023	Grab	Excavated	22,000.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-018-02.0-V-P	2	1/10/2023	Grab	Excavated	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-018-03.0-V-P	3	1/10/2023	Grab	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
Horizontal Delineation												
SP-001-01.0-HE-S	1	2/8/2023	Grab	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-001-01.0-HS-S	1	2/8/2023	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-002-01.0-HS-S	1	2/7/2023	Grab	In-Situ	160.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-003-01.0-HN-S	1	2/7/2023	Grab	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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

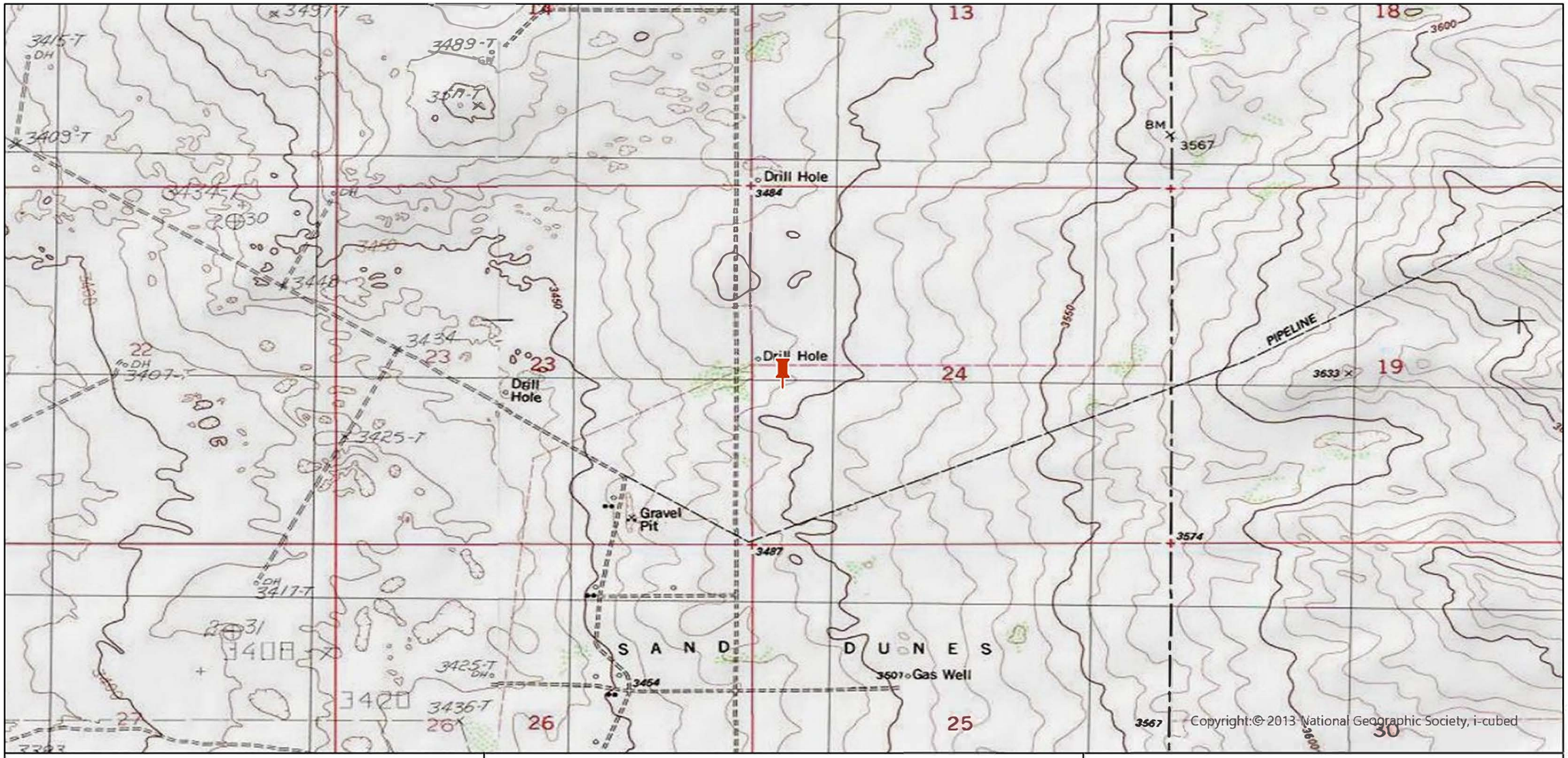
OXY USA, INC.
AMAX 24-8 BATTERY
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2235631785

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)
Delineation Special circumstances, On-Site, & Deeper than 4' Pasture					**600**	**2500**	**1000**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Delineation Limits Pasture to 4' & Walls					**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
SP-003-01.0-HE-S	1	2/7/2023	Grab	In-Situ	272.00	17.70	17.70	<10.0	17.70	<10.0	<0.300	<0.050
SP-003-01.0-HW-S	1	2/7/2023	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-01.0-HS-S	1	2/8/2023	Grab	In-Situ	384.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-004-01.0-HW-S	1	2/9/2023	Grab	In-Situ	176.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-01.0-HN-S	1	1/11/2023	Grab	In-Situ	112.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-005-01.0-HS-S	1	2/9/2023	Grab	In-Situ	320.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-01.0-HN-P	1	1/11/2023	Grab	In-Situ	304.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-006-01.0-HS-S	1	2/8/2023	Grab	In-Situ	640.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-007-01.0-HN-P	1	1/11/2023	Grab	In-Situ	96.00	16.00	16.00	<10.0	16.00	<10.0	<0.300	<0.050
SP-007-01.0-HW-S	1	1/11/2023	Grab	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-008-01.0-HW-P	1	1/11/2023	Grab	In-Situ	304.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-009-01.0-HE-S	1	1/11/2023	Grab	In-Situ	160.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-009-01.0-HW-P	1	1/11/2023	Grab	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-010-01.0-HN-S	1	2/8/2023	Grab	In-Situ	240.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-010-01.0-HS-S	1	2/8/2023	Grab	In-Situ	320.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-011-01.0-HN-P	1	1/11/2023	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-011-01.0-HS-S	1	1/11/2023	Grab	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-012-01.0-HN-P	1	1/11/2023	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-012-01.0-HS-S	1	2/8/2023	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-013-01.0-HN-P	1	1/9/2023	Grab	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-013-01.0-HS-S	1	1/9/2023	Grab	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-014-01.0-HE-P	1	1/9/2023	Grab	In-Situ	176.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-014-01.0-HW-P	1	1/9/2023	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-015-01.0-HN-P	1	1/10/2023	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-015-01.0-HE-P	1	1/9/2023	Grab	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-015-01.0-HS-P	1	1/9/2023	Grab	In-Situ	64.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050

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

OXY USA, INC.
AMAX 24-8 BATTERY
EDDY COUNTY, NEW MEXICO
NMOCD REFERENCE #: NAPP2235631785

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)
Delineation Special circumstances, On-Site, & Deeper than 4' Pasture					**600**	**2500**	**1000**	**NE**	**NE**	**NE**	**50**	**10**
NMOCD Delineation Limits Pasture to 4' & Walls					**600**	**100**	**NE**	**NE**	**NE**	**NE**	**50**	**10**
SP-016-01.0-HN-S	1	1/9/2023	Grab	In-Situ	224.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-016-01.0-HS-S	1	1/9/2023	Grab	In-Situ	192.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-017-01.0-HN-S	1	1/10/2023	Grab	In-Situ	48.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-017-01.0-HE-P	1	1/10/2023	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-017-01.0-HW-P	1	1/10/2023	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-018-01.0-HN-P	1	1/10/2023	Grab	In-Situ	16.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-018-01.0-HS-P	1	1/10/2023	Grab	In-Situ	32.00	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050
SP-018-01.0-HW-P	1	1/10/2023	Grab	In-Situ	<16.0	<10.0	<10.0	<10.0	<10.0	<10.0	<0.300	<0.050



Legend:

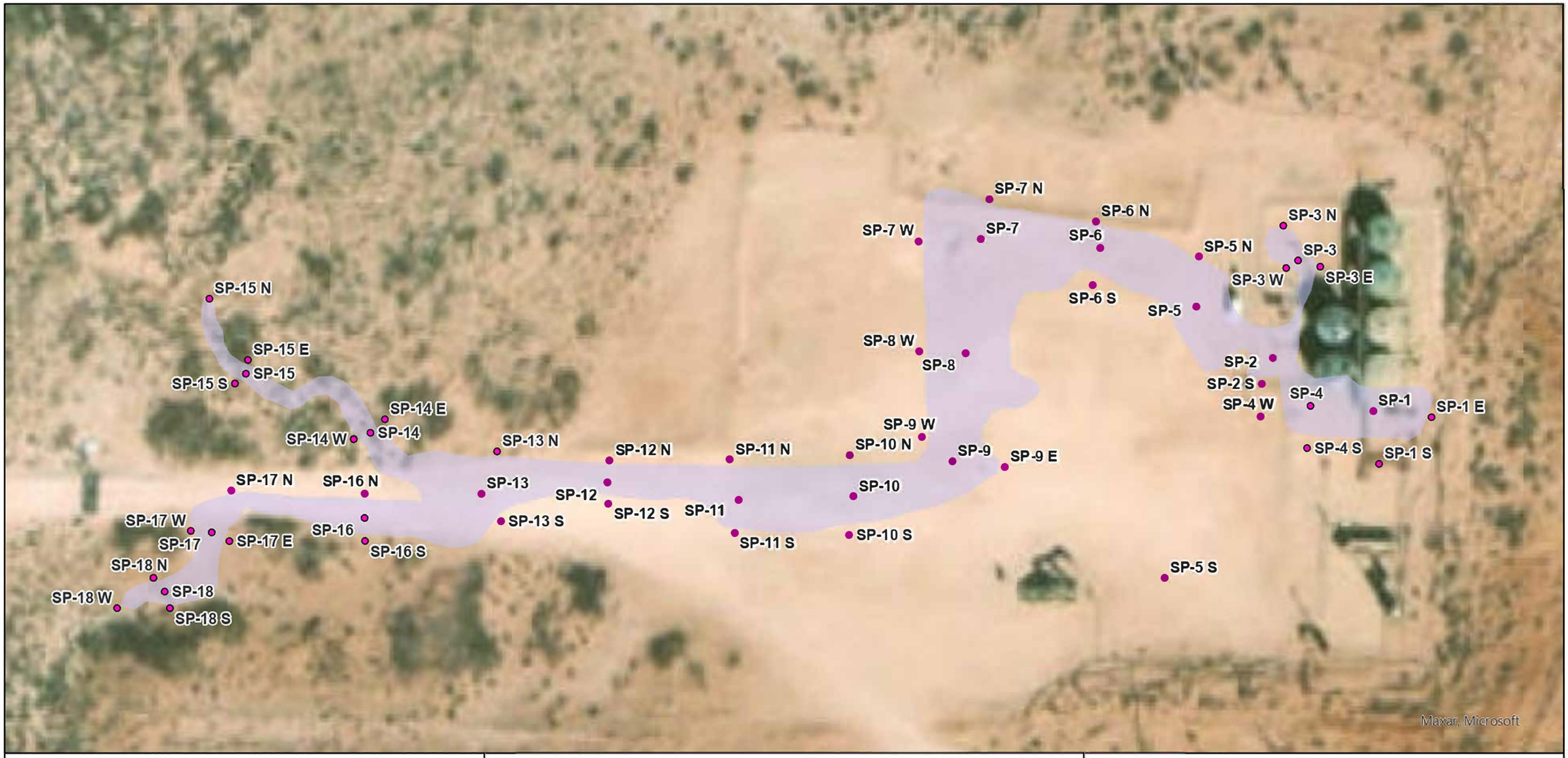
Site Location

Site Location Map
OXY USA, Inc.
AMAX 24-8 Battery
32.28888182, -103.73881748
Eddy County, New Mexico
NMOCD Reference # NAPP2235631785

0 0.25 0.5 1 Miles

TRINITY OILFIELD SERVICES

N



Legend:

- Sample Point
- Release Area

Delineation Map
OXY USA, Inc.
AMAX 24-8 Battery
32.28888182, -103.73881748
Eddy County, New Mexico
NMOCD Reference # NAPP2235631785

0 50 100 200 Feet

N

TRINITY OILFIELD SERVICES

TRINITY
OILFIELD SERVICES

SOIL BORE LOG SB-10

PROJECT NAME AMAX 24-8 Battery	**DRILLING DATE** 02/20/2023	**COORDINATES** 32.28888889, -103.73888889
CLIENT OXY USA, Inc.	**TOTAL DEPTH** 105'	**COORD SYS** NAD 83
		ULSTR L-24-23S-31E
		SURFACE ELEVATION 3492'

COMMENTS Spud on the Northeast section of the AMAX 24-8 Battery Well Pad. Bore Hole was observed to be dry after 72 hrs.

LOGGED BY CJ
CHECKED BY DD

Depth (ft)	Moisture	Material Description	Elevation (ft)
0	D	Yellowish Red Sandy Clay Loam. Dry	3490
5			3485
10		Reddish Yellow Sandy Clay Loam. Dry	3480
15			3475
20			3470
25		Very Pale Brown Sandy Clay Loam. Dry	3465
30		Red Sandy Loam. Dry	3460
35		Reddish Brown Sandy Loam. Dry	3455
40			3450
45		Yellowish Red Loamy Sand. Dry	3445
50			3440
55			3435
60		Reddish Brown Sandy Clay Loam. Dry	3430
65			3425
70			3420
75			3415
80			3410
85			3405
90			3400
95			3395
100			3390
105		Red Sandy Clay Loam. Dry	
		Termination Depth at:105 ft.	3385

Disclaimer This bore log is intended to evidence a depth to groundwater greater than 105'.

Legend:

- Site Location
- Soil Bore
- 1/2 Mile Buffer

Soil Bore Map
OXY USA, Inc.
AMAX 24-8 Battery
32.28888182, -103.73881748
Eddy County, New Mexico
NMOCD Reference # NAPP2235631785

0 0.2 0.4 0.8 Miles

TRINITY OILFIELD SERVICES

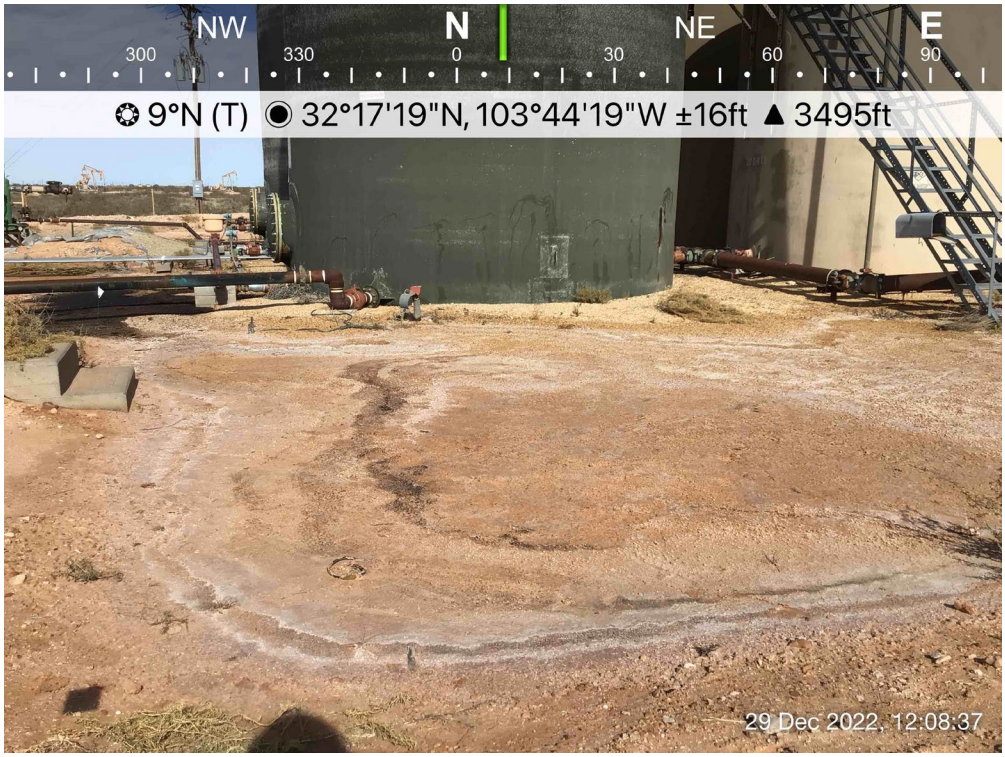
N

TRINITY
OILFIELD SERVICES

Initial Release

Pad:

Pad:



TRINITY
OILFIELD SERVICES

Initial Release

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TRINITY
OILFIELD SERVICES

Initial Release

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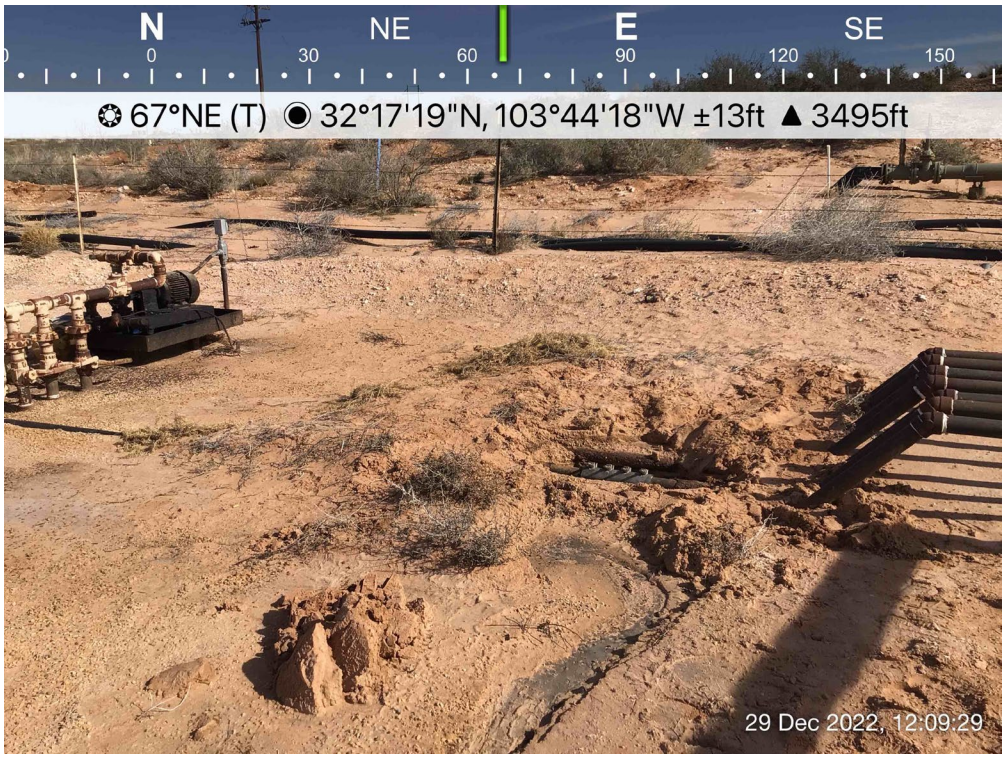

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TRINITY
OILFIELD SERVICES

Initial Release

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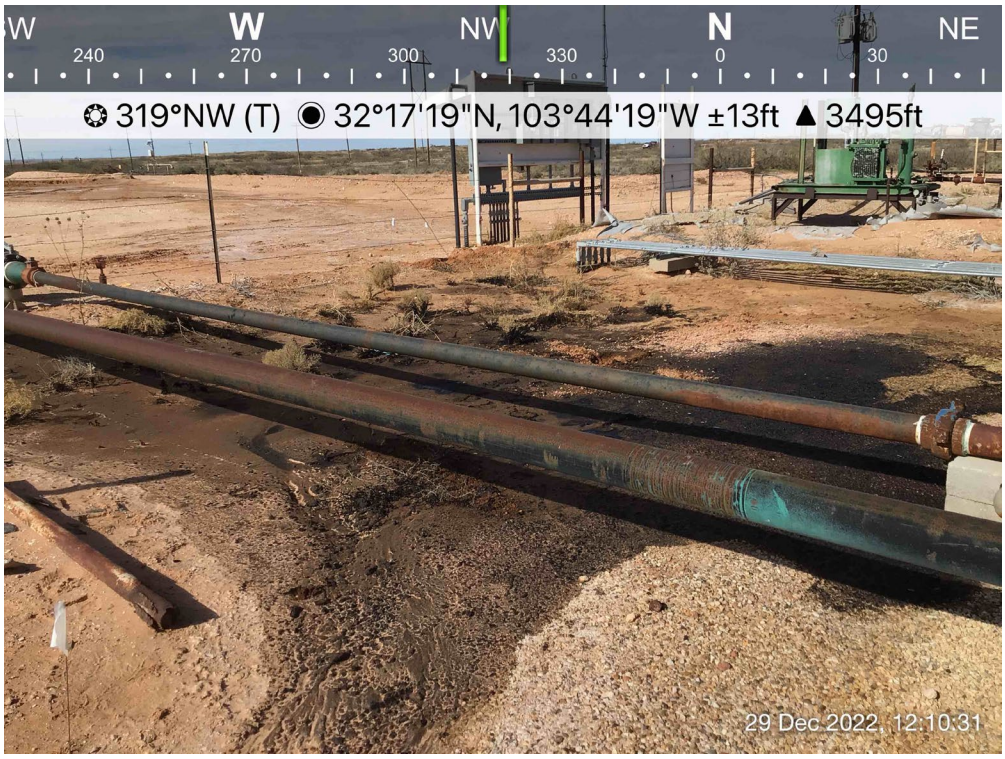

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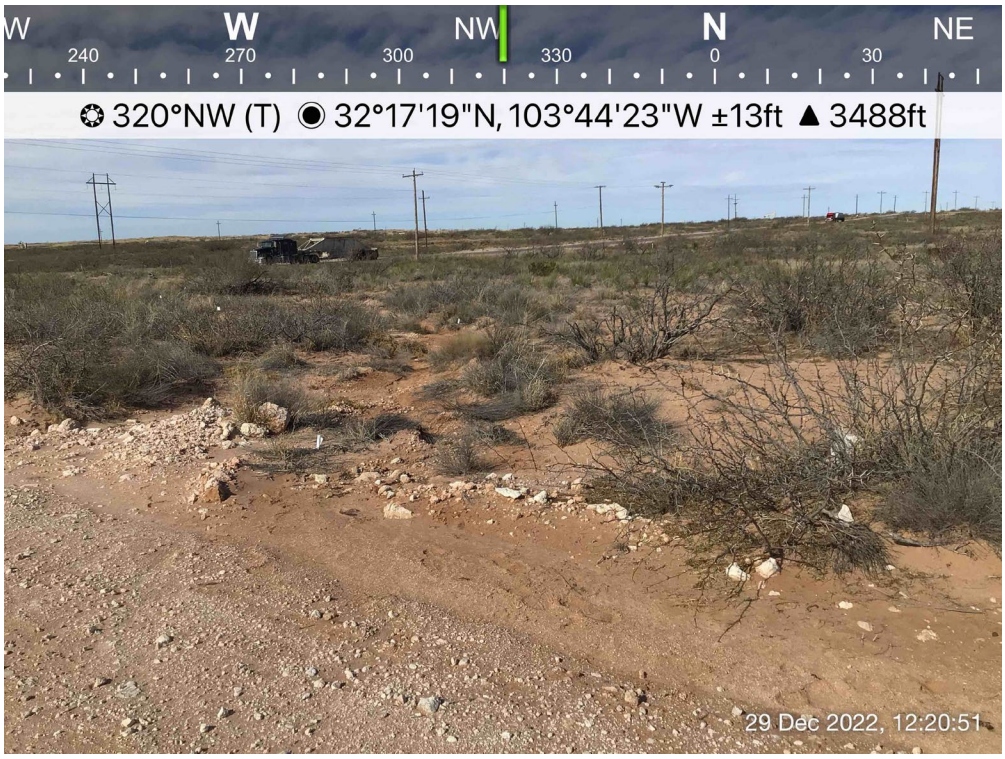
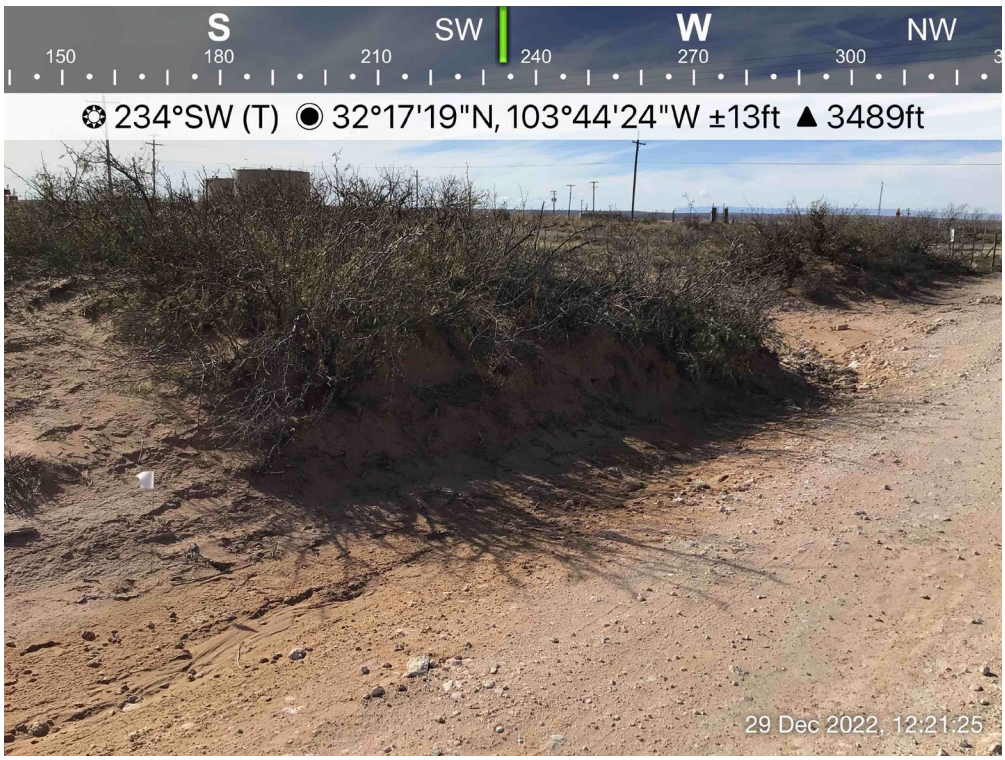
OILFIELD SERVICES

Initial Release

Pasture:



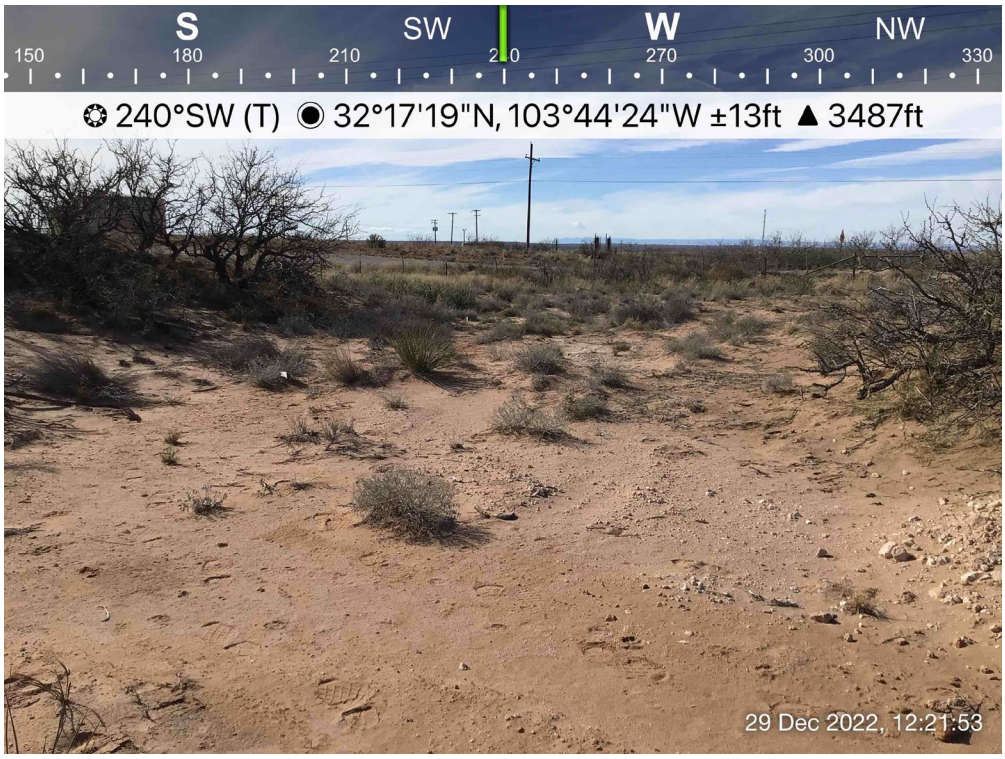
Pasture:



TRINITY
OILFIELD SERVICES

Initial Release

Pasture:



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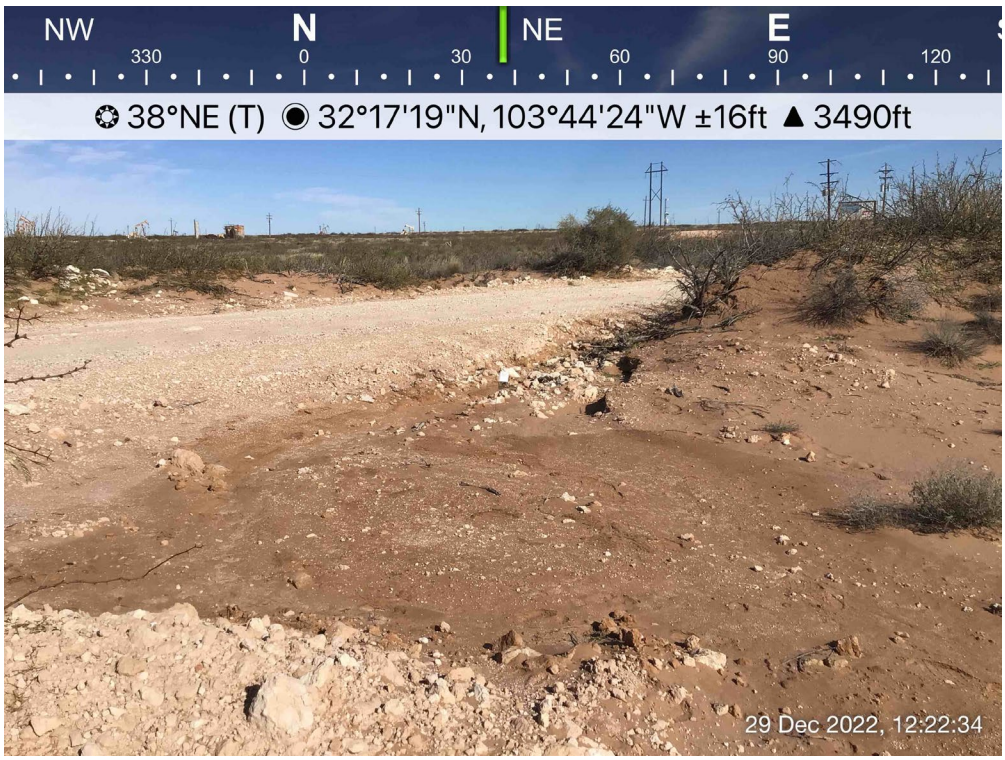
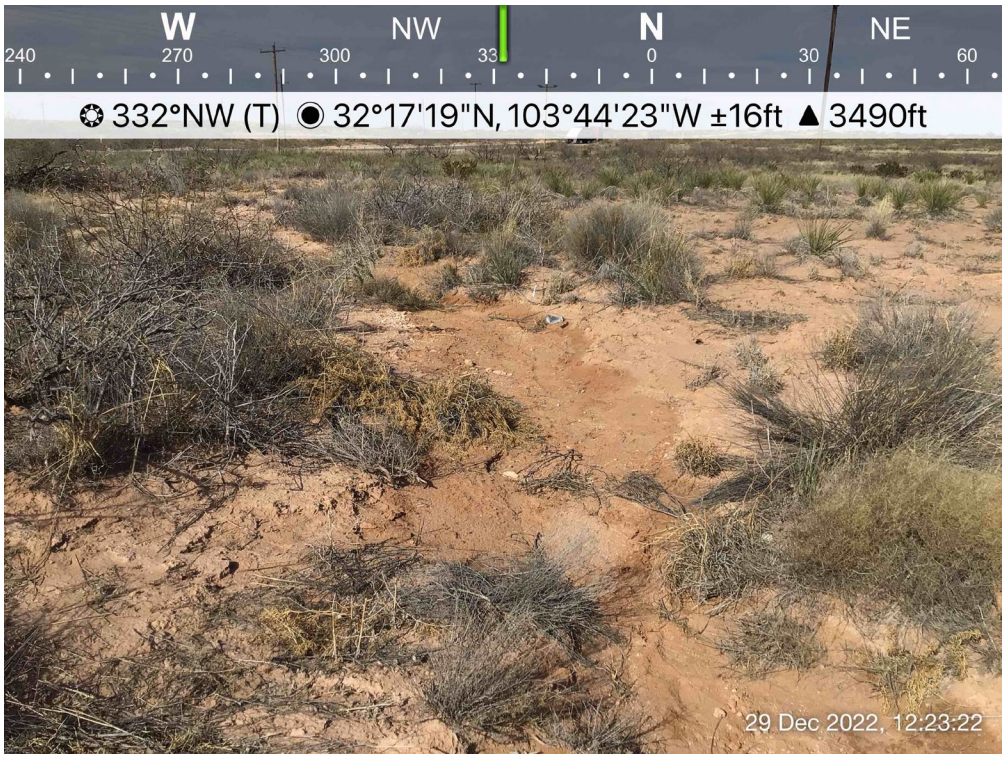


TRINITY
OILFIELD SERVICES

Initial Release

Pasture:



Pad:

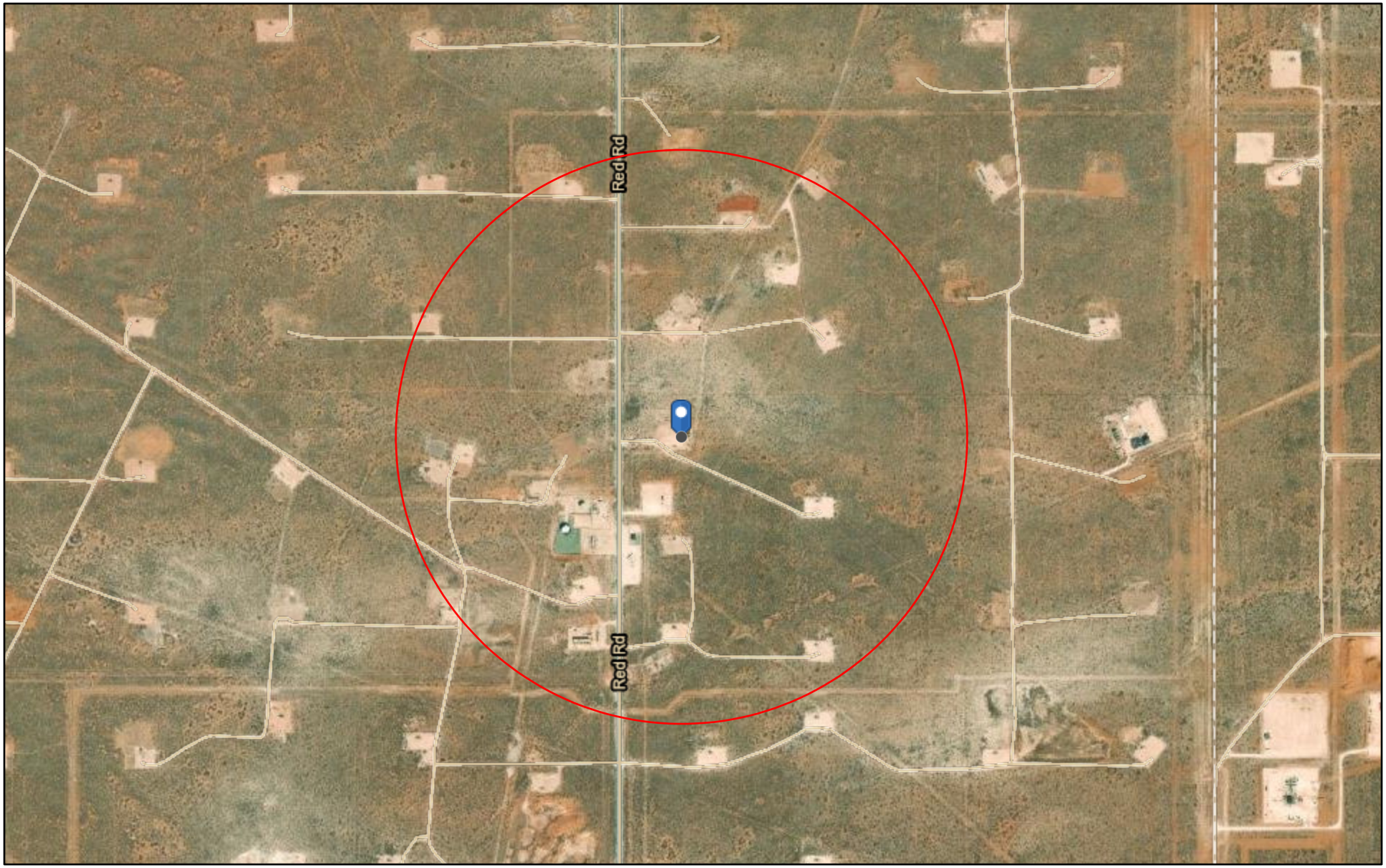
TRINITY
OILFIELD SERVICES

Soil Bore

Bore Hole:

Bore Hole:

NAPP2235631785 | AMAX 24-8 BATTERY



1/16/2023, 8:45:52 AM

OSE District Boundary

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

NAPP2235631785 | AMAX 24-8 BATTERY

January 16, 2023

Wetlands

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

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

National Flood Hazard Layer FIRMette

FEMA

103°44'38"W 32°17'35"N

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

1:6,000

103°44'1"W 32°17'5"N

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

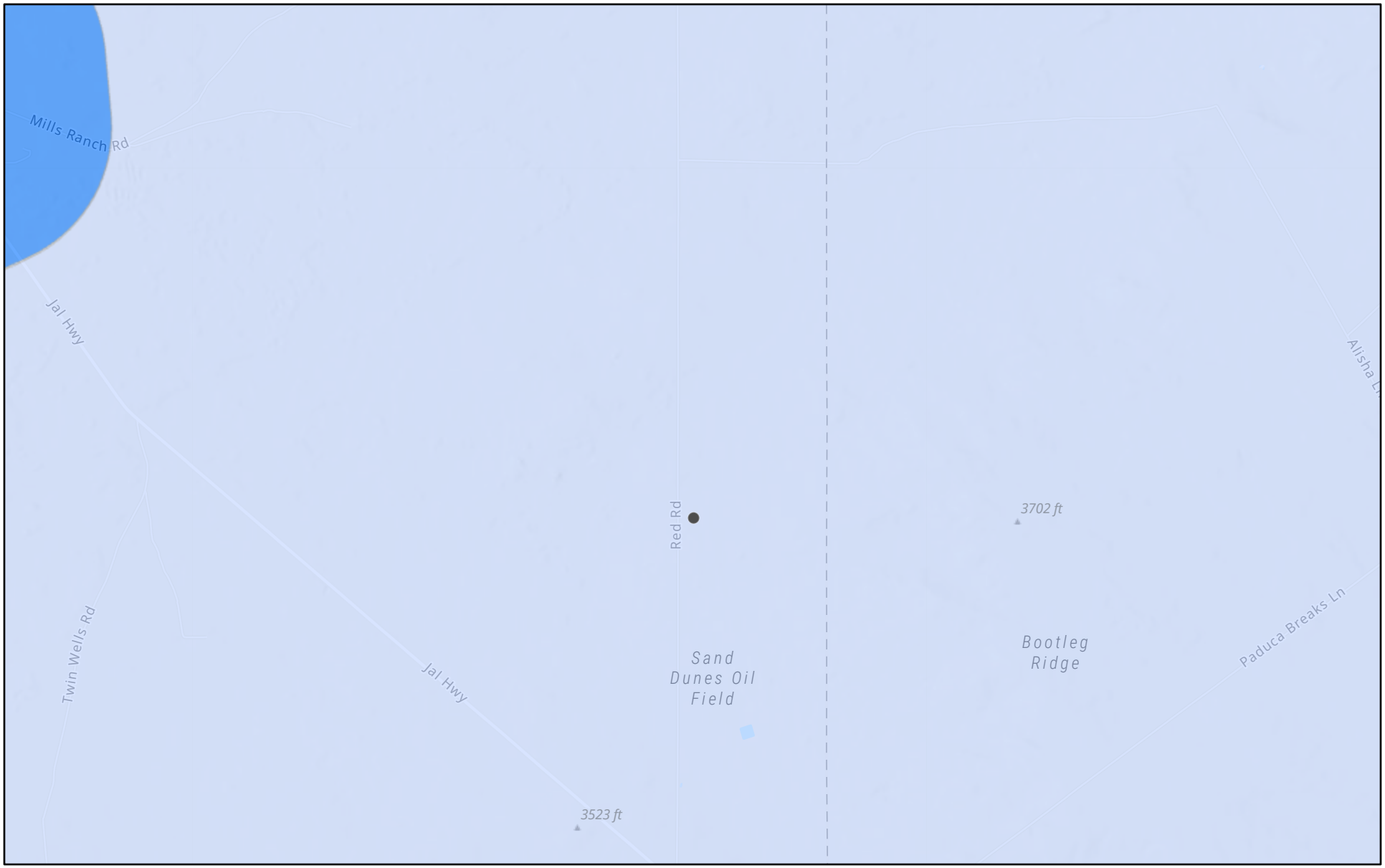
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 1/16/2023 at 10:49 AM 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.

NAPP2235631785 | AMAX 24-8 BATTERY



1/16/2023, 8:46:46 AM

Karst Occurrence Potential

Low

Medium

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, HERE,

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
(NAPP2235631785 | AMAX 24-8 BATTERY)

Map Scale: 1:1,250 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 15 30 60 90

Feet
0 50 100 200 300

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Soil Map—Eddy Area, New Mexico
(NAPP2235631785 | AMAX 24-8 BATTERY)

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022

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

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

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Berino complex, 0 to 3 percent slopes, eroded	1.8	22.4%
WK	Wink loamy fine sand, 0 to 3 percent slopes, eroded	6.1	77.6%
Totals for Area of Interest		**7.9**	**100.0%**

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State of New Mexico
Oil Conservation Division

Incident ID	NAPP2235631785
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

☐ Extents of contamination must be fully delineated.

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator

Signature: Wade Dittrich Date: 03/01/2023

email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Jocelyn Harimon Date: 03/02/2023

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

Signature: Robert Hamlet Date: 7/5/2023

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1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
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District III
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Phone:(505) 334-6178 Fax:(505) 334-6170
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 192683

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 192683
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The Variance Request for 400 ft2 floor confirmation sample size is approved. The release area will still need confirmation sidewall samples representing no more than 200 ft2. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.	7/5/2023