



26A-03229

Remediation Work Plan

Roadhouse Federal Com #002H

nAPP2612271122

SLO Lease Number: L062930001

Coordinates: 32.152815, -104.021293

Prepared for:

ExxonMobil Production Company

Prepared by:

Vertex Resource Services Inc.

Date:

May 2026

ExxonMobil Production Company
Roadhouse Federal Com #002H

Remediation Work Plan
May 2026

Remediation Work Plan
Roadhouse Federal Com #002H
nAPP2612271122
API: 30-015-44279
Section 06, Township 25, South, Range 29 East
County: Eddy

Prepared for:
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6/10/2026

Date



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6/10/2026

Date

Executive Summary

ExxonMobil Production Company (ExxonMobil) retained Vertex Resource Services Inc. (Vertex) to complete an initial site assessment and Remediation Work Plan for the Roadhouse Federal Com #002H (hereafter referred to as “Site”). This workplan is intended to satisfy reporting requirements for the New Mexico Oil and Gas Conservation Division and the New Mexico State Land Office – Environmental Compliance Office.

Vertex Resource Services Inc. performed the initial site assessment on May 7, 2026, and identified an area of interest (AOI) on the production site and placed an 811-ticket request. On May 12 and 13, 2026, nine borehole samples were obtained within the AOI. A total of 24 samples were submitted for laboratory analysis of benzene, toluene, ethylbenzene and xylenes, chlorides, and hydrocarbons. Analytical results indicated that BH26-07 to BH26-09 exceeded Closure Criteria at surface and met Closure Criteria at 2 and 3 feet below ground surface. BH26-01, through BH26-06 were within Closure Criteria at surface and 2 feet Below ground surface as defined in 19.15.29 New Mexico Administrative Code (NMAC).

Excavation of impacted soils within the AOI will commence once the Remediation Work Plan is Approved by The New Mexico Oil Conservation Division. The excavation extent is expected to have a surface area of approximately 5,296 sq ft with a depth of 2 feet and a depth of 3 feet bgs, totaling an excavated volume of approximately 485 cubic yards.

The proposed plan is to remediate the site to allowable closure criteria through excavation and removal of impacted soils. The base and walls of excavation will be sampled under New Mexico Oil Conservation Division (NMOCD) confirmation sampling event. Samples will be sent to Cardinal Laboratory for laboratory analysis. Final remediation will be completed per SLO guidelines once production is complete.

ExxonMobil Production Company
Roadhouse Federal Com #002H

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May 2026

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ExxonMobil Production Company
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1.0 Introduction

ExxonMobil Production Company (ExxonMobil) retained Vertex Resource Services Inc. (Vertex) to complete an initial site assessment and Remediation Work Plan for the Roadhouse Federal Com #002H (the "Site"; API: 30-015-44279). This Remediation Characterization Plan discusses actions conducted to date and proposes additional characterization and remediation activities.

2.0 Background

2.1 Access

The site is located approximately 5.6 miles southeast of Malaga, New Mexico on State Trust Lands.

Lease Holder: ExxonMobil Production Company
Unit Letter O. Section 06, Township 25 South, Range 29 East.
County Name: Eddy
Latitude, Longitude: 32.152815, -104.021293

The Site can be accessed from the intersection of Pipeline Road #1 and Martinez Road. Continue north on Martinez Road for 3.5 miles, turn left for 2.2 miles, turn left for 0.3 miles, take a slight right for 0.9 miles, turn left for 0.2 miles, turn left for 0.2 miles onto site to location.

2.2 Site Description

The site is an active production pad for oil and gas operations. Surface and subsurface minerals are owned by State Trust Lands. The site is situated in the Pajarito- Dune Complex surrounded by sandy loam plains and dunes with grassy mesquite shrublands. Grama grasses and forbs are present off the pad.

2.3 Cultural Resources Compliance

After a site assessment evaluation, the proposed work area is located entirely within a historically pre-disturbed area on a production pad. Therefore, no archaeological clearance via ARMS Survey is required per the Cultural Properties Protection (CPP) rule. Should any remediation activities require any new surface disturbance off pad, work in that area will be ceased until an ARMS Survey can be conducted to remain compliant with State Land Office regulations including notification to SLO.

2.4 Ecological Setting

The Site is situated in the Chihuahuan Basins and Playas level IV 24a Ecoregion (Griffith et al., 2006). This ecoregion is characterized as having the following natural vegetation: black grama, mesa dropseed, spike dropseed, sand dropseed, and sand bluestem. The Site is within the Pajarito Dune Complex and classified as "Not prime farmland."

2.5 Biological Compliance

Review of critical habitats identified five potentially affected species and no critical habitats. The biological review is included in Appendix B.

While no critical habitat was identified, reclamation activities will proceed with caution in order to avoid potential impacts to threatened or proposed threatened species including, but not limited to, Northern Aplomado Falcon, Piping Plover, Southwestern Willow Flycatcher, Texas Hornshell, and Monarch Butterfly.

In the event that any special status species are encountered during remediation activities, appropriate measures will be implemented. These measures will include immediate cessation of work in the affected area, consultation with a qualified biologist, and coordination with SLO and relevant environmental agencies to determine the necessary protection and mitigation strategies.

3.0 Site Evaluation

Initial site assessment occurred on May 7, 2026, by Vertex personnel. The spill occurred between two separators and spread south and southwest, away from production equipment. The spill was mapped and vertex personnel met with ExxonMobil safety representative to discuss excavation plans and restrictions. Documentation of the Site visits are included in the Daily Field Reports (Appendix C) and summarized below.

- Six boreholes were placed to define release edges; these samples were collected at surface and 2 feet below ground surface.
- Three boreholes were placed to identify vertical depth of impacted soils, these samples were collected from surface to 4 feet in depth in 1-foot increments

3.1 Assessment of Soil Suitability

Based on Closure Criteria determination demonstrated in Appendix A and summarized in Table 1, suitable soils chemical concentrations (Closure Criteria per Table 1 of 19.15.29 NMAC) is defined as:

Table 1. Closure Criteria for Soils Impacted by a Release DTGW ≤ 50 feet bgs		
Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
≤ 50 feet	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

TDS - total dissolved solids

TPH - total petroleum hydrocarbons, GRO - gas range organics, DRO - diesel range organics, MRO - motor oil range organics

BTEX - benzene, toluene, ethylbenzene and xylenes

ExxonMobil Production Company
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Table 2. Closure Criteria Determination			
Site Name: Roadhouse Federal Com #002H			
Spill Coordinates: 32.152815, -104.021293		X: 592292.41	Y: 3557793.80
Site Specific Conditions		Value	Unit
1	Depth to Groundwater (nearest reference)	39	feet
	Distance between release and nearest DTGW reference	1,544	feet
		0.29	miles
	Date of nearest DTGW reference measurement	November 18, 2020	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	791	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	1,304	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	18,763	feet
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or	16,445	feet
	ii) Within 1000 feet of any fresh water well or spring	16,445	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	feet
7	Within 300 feet of a wetland	1,304	feet
8	Within the area overlying a subsurface mine	No	feet
	Distance between release and nearest registered mine	16,690	feet
9	Within an unstable area (Karst Map)	Medium	Critical High Medium Low
	Distance between release and nearest unstable area	0	feet
10	Within a 100-year Floodplain	500	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	338	feet
11	Soil Type	PD, Pajarito-Dune land complex	
12	Ecological Classification	R070BD003NM	
13	Geology	Sedimentary, undifferentiated	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	<50'	≤ 50' 51-100' >100'

3.2 Special Soil Conditions

The area of interest (AOI) was identified during the desktop review and on-site assessment. Soil samples from the selected AOI were collected and laboratory analyzed for the constituents of concern identified in the Closure Criteria. A summary of analytical results is located in Table 3. Laboratory Certificates of Analyses and Chain of Custody forms are presented in Appendix D.

3.2.1 Area of Interest

The area of interest (AOI) on the northwest corner of the pad was identified during the desktop review and on-site assessment. Twenty-four samples were collected from nine borehole sample points during the initial on-site assessment around and within the AOI. Figure 1a identifies the AOI relative to the active production pad Figure 1b identifies borehole soil sample locations. All samples within the AOI exceed Closure Criteria for chloride, total petrol hydrocarbons (TPH), benzene, toluene, ethylbenzene, or xylenes (BTEX) at surface and 1 foot below ground surface (bgs). Sample BH26-07 exceeds Closure Criteria for chloride at 1 feet bgs. Samples BH26-08 and BH26-09 exceed Closure Criteria for chloride at 2 feet bgs. Analytical results showed that samples are within site closure criteria at a depth of 2 to 3 feet bgs, depending on sample location (Figure 1b). All samples taken outside of AOI met Closure Criteria at surface and 2 feet bgs.

4.0 Remediation Work Plan

Unsuitable soils will be excavated and transported to an approved disposal facility. Locally sourced caliche will be stockpiled on site. A sample will be collected and laboratory analyzed for the constituents of concern to ensure quality of material prior to backfilling.

4.1 Area of Interest Remediation Steps

Hand shoveling will be utilized to excavate soils in contact with the production equipment and surrounding lines. Once a safe distance from the production equipment is reached, the remainder of the impacted soils will be removed by mechanical excavation. Confirmation soil samples will be collected from the excavation bases and walls representing an area no greater than 200 sq. ft and submitted for laboratory analysis for chloride, BTEX, and TPH. Upon laboratory confirmation, the excavation area will be backfilled with the stockpiled caliche. A closure report will be made available within 90 days from the Remediation Work Plan approval.

5.0 References

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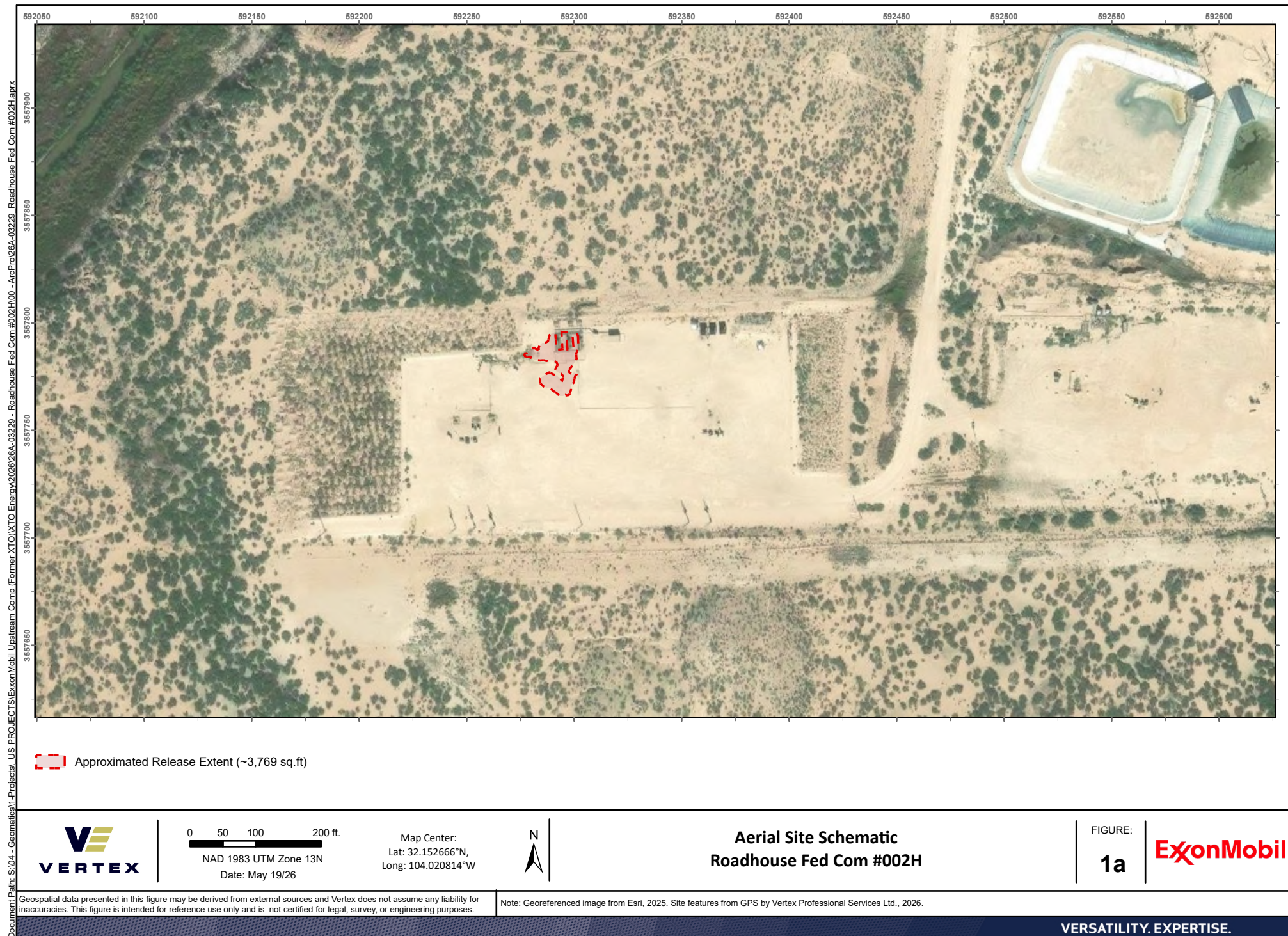
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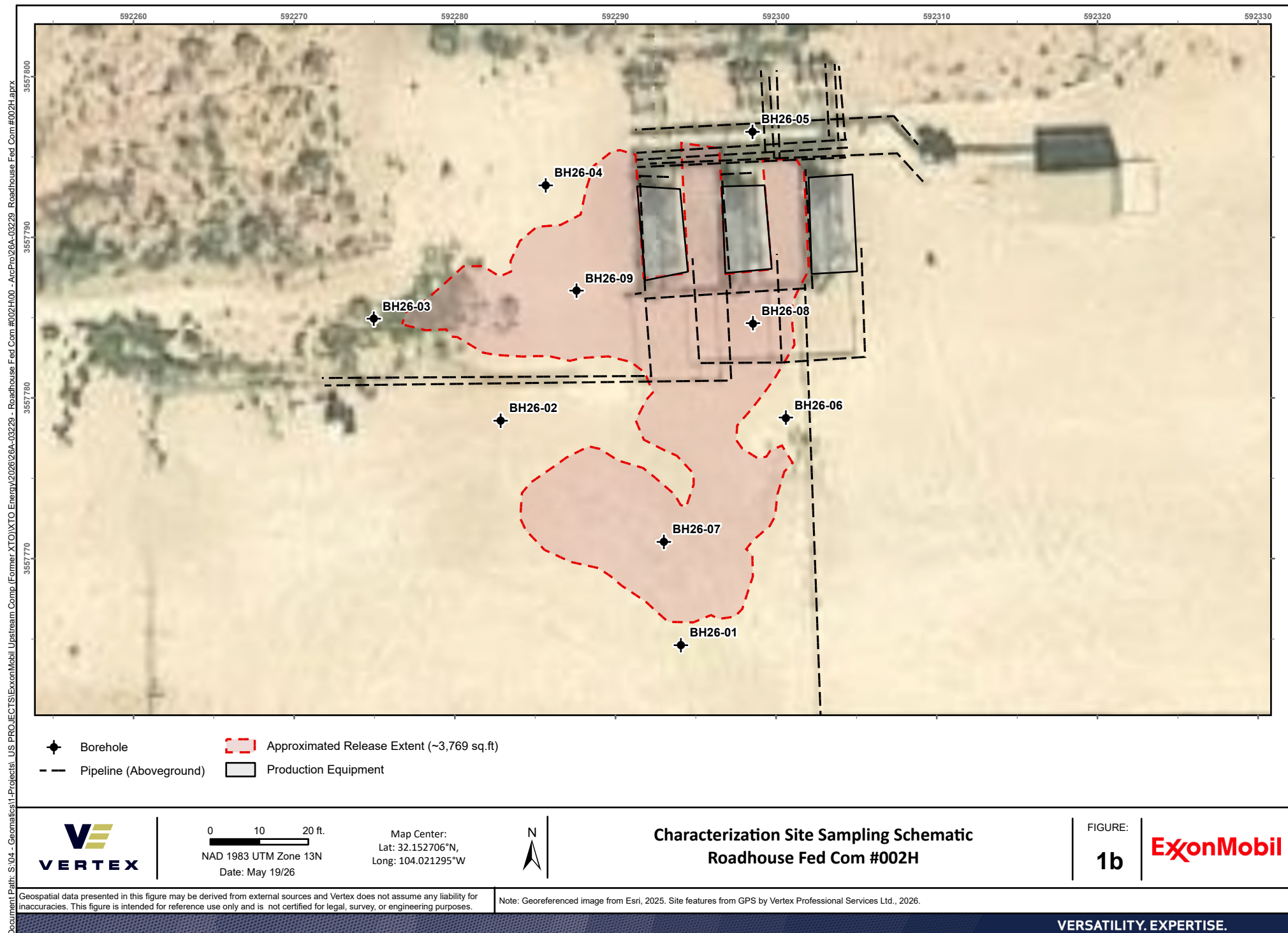
6.0 Limitations

This report has been prepared for the sole benefit of ExxonMobil Production Company. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division and the State Land Office, without the express written consent of Vertex Resource Services Inc. (Vertex) and ExxonMobil Production Company. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

Figures





Tables

Client Name: ExxonMobil Production Company
 Site Name: Roadhouse Fed Com #002H
 NMOCD Incident ID: nAPP2612271122
 Project #: 26A-03229
 Lab Report: H262722

Table 3. Initial Characterization Laboratory Results																
Sample Description			Petroleum Hydrocarbons							Inorganic						
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable											
			Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	Chloride Concentration						
											(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
											Depth to Groundwater ≤ 50 feet bgs					
BH26-01	0	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	16						
	2	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	32						
BH26-02	0	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	160						
	2	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	144						
BH26-03	0	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	16						
	2	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	ND						
BH26-04	0	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	176						
	2	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	240						
BH26-05	0	May 13, 2026	ND	ND	ND	ND	ND	ND	ND	240						
	2	May 13, 2026	ND	ND	ND	ND	ND	ND	ND	240						
BH26-06	0	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	112						
	2	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	16						
BH26-07	0	May 12, 2026	ND	ND	ND	20	ND	20	20	16,900						
	1	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	2,210						
	2	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	32						
BH26-08	0	May 13, 2026	ND	ND	ND	ND	ND	ND	ND	11,400						
	1	May 13, 2026	ND	ND	ND	ND	ND	ND	ND	5,120						
	2	May 13, 2026	ND	ND	ND	ND	ND	ND	ND	3,280						
	3	May 13, 2026	ND	ND	ND	ND	ND	ND	ND	544						
	4	May 13, 2026	ND	ND	ND	ND	ND	ND	ND	368						
BH26-09	0	May 12, 2026	ND	ND	ND	73	ND	73	73	23,000						
	1	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	7,360						
	2	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	7,680						
	3	May 12, 2026	ND	ND	ND	ND	ND	ND	ND	256						

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

Bold and gray shaded indicates exceedance outside of NMOCD Remediation Criteria (on-pad)

Appendix A. Site Assessment Maps

Depth- to- Water



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (BH-01)		WELL TAG ID NO. n/a		OSE FILE NO(S). C-4493		
	WELL OWNER NAME(S) XTO Energy (Kyle Littrell)				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 6401 Holiday Hill Dr.				CITY Midland	STATE TX	ZIP 79707
	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES 32°	MINUTES 9'	SECONDS 9.09" N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84	
		LONGITUDE	-104°	0'	58.81" W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NE SE Sec. 6 T25S R29E							

2. DRILLING & CASING INFORMATION	LICENSE NO. 1249	NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.			
	DRILLING STARTED 11/18/2020	DRILLING ENDED 11/18/2020	DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 57	DEPTH WATER FIRST ENCOUNTERED (FT) ±39			
	COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 37.05			
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	57	±8.5	Boring- HSA	--	--	--	--

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE

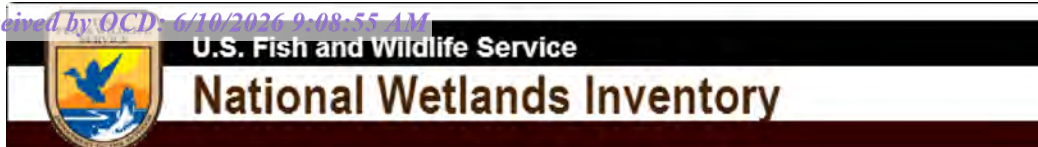
WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. C-4484	POD NO. 1	TRN NO. 681638
LOCATION 444 T25S R29E Sub 6	WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

FOR OSE INTERNAL USE

Surface Water



Watercourse 791 ft.



May 8, 2026

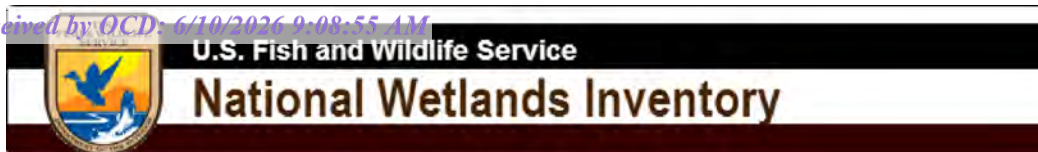
Wetlands

- 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.



Playa 1,304 ft. W



May 8, 2026

Wetlands

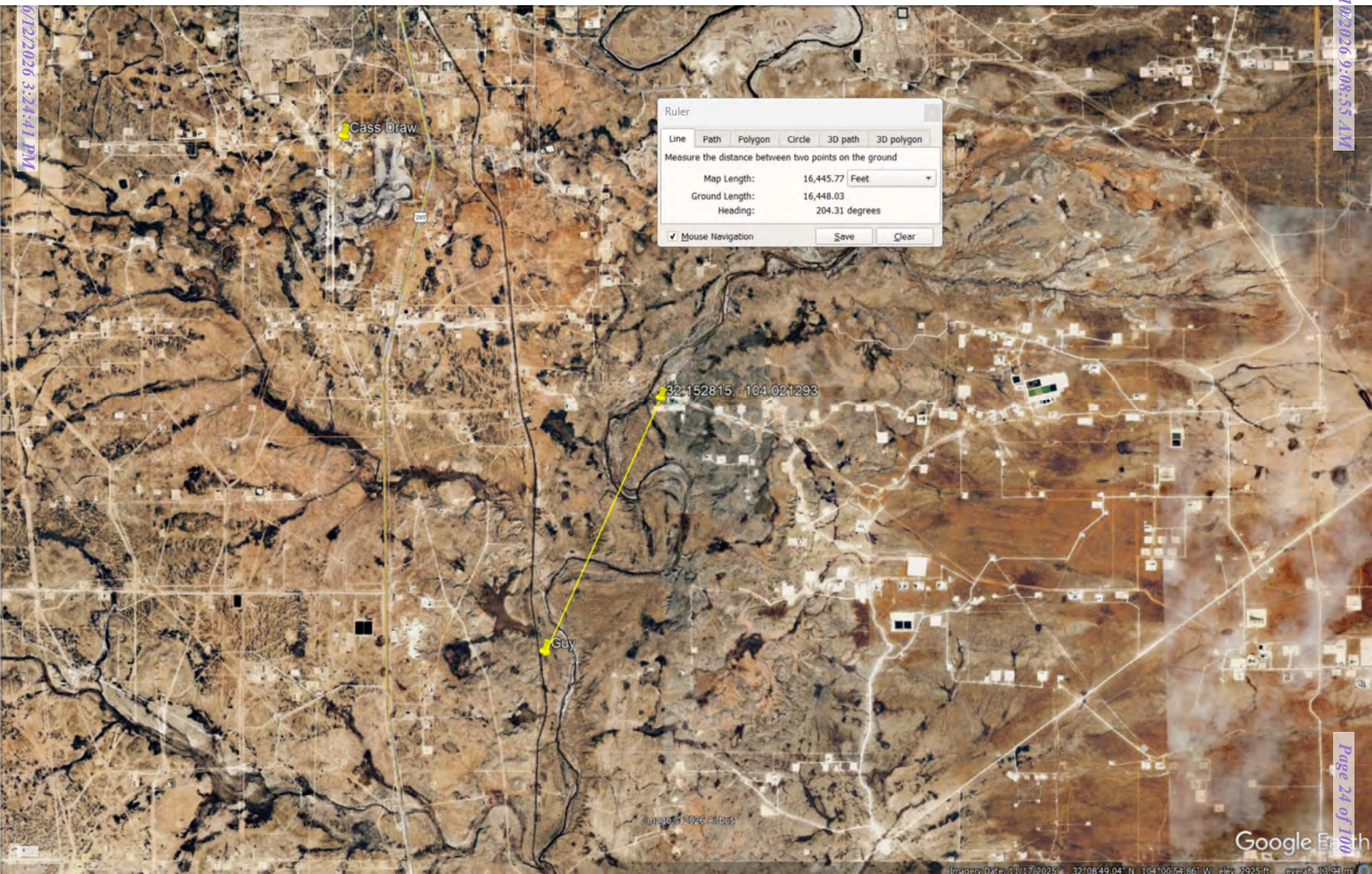
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- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

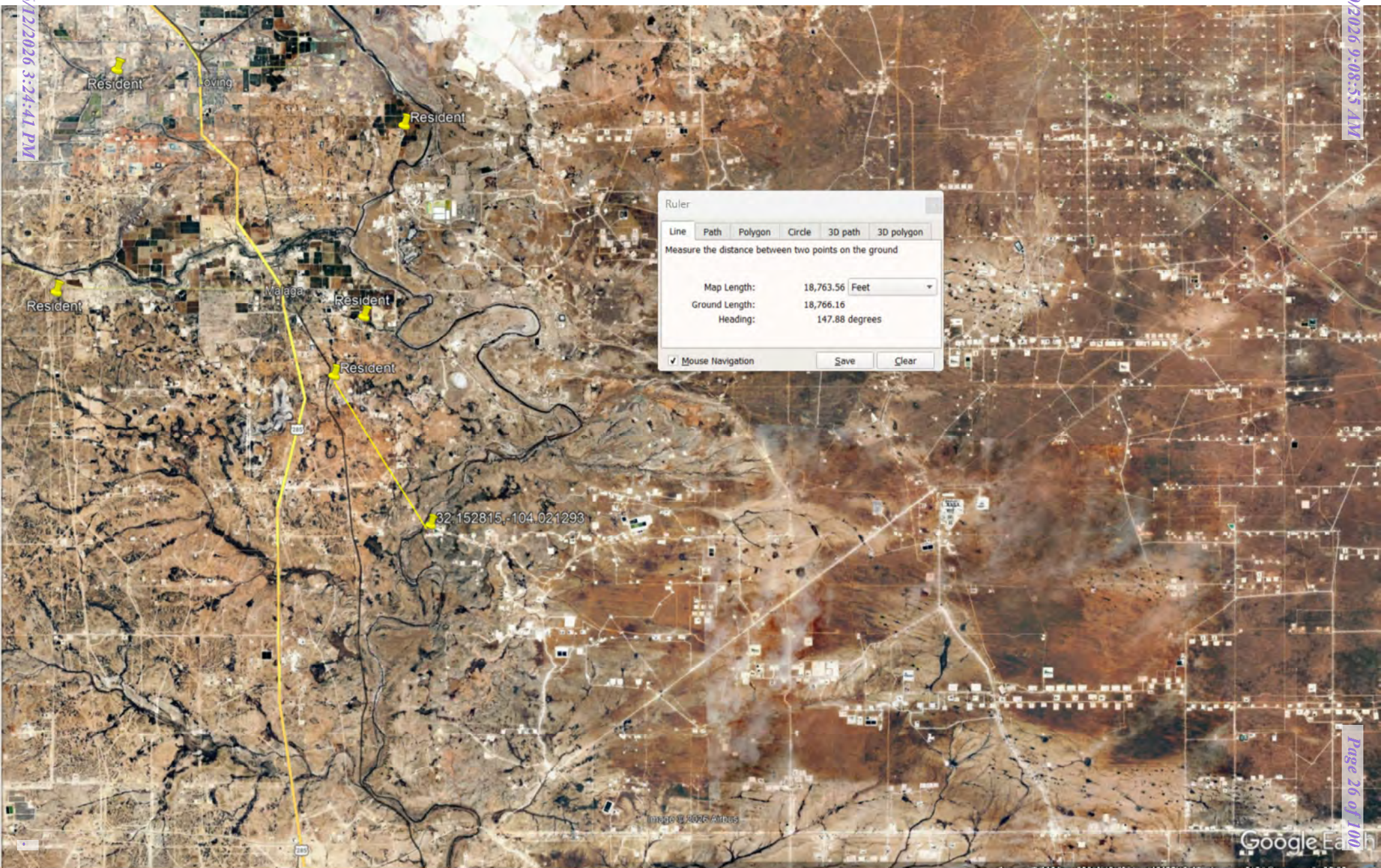
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

16,455 ft. to Nearest Spring

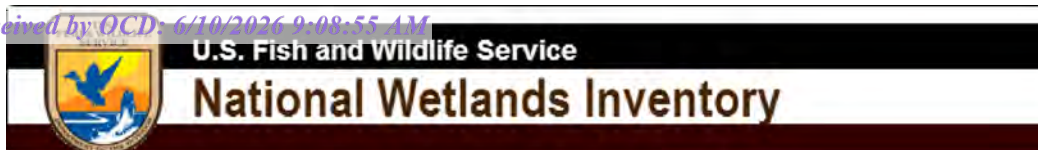


Occupied Residence, School, Hospital, etc.

18,763 ft. to Nearest Resident



Wetlands



Wetland 1304 ft. W



May 8, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

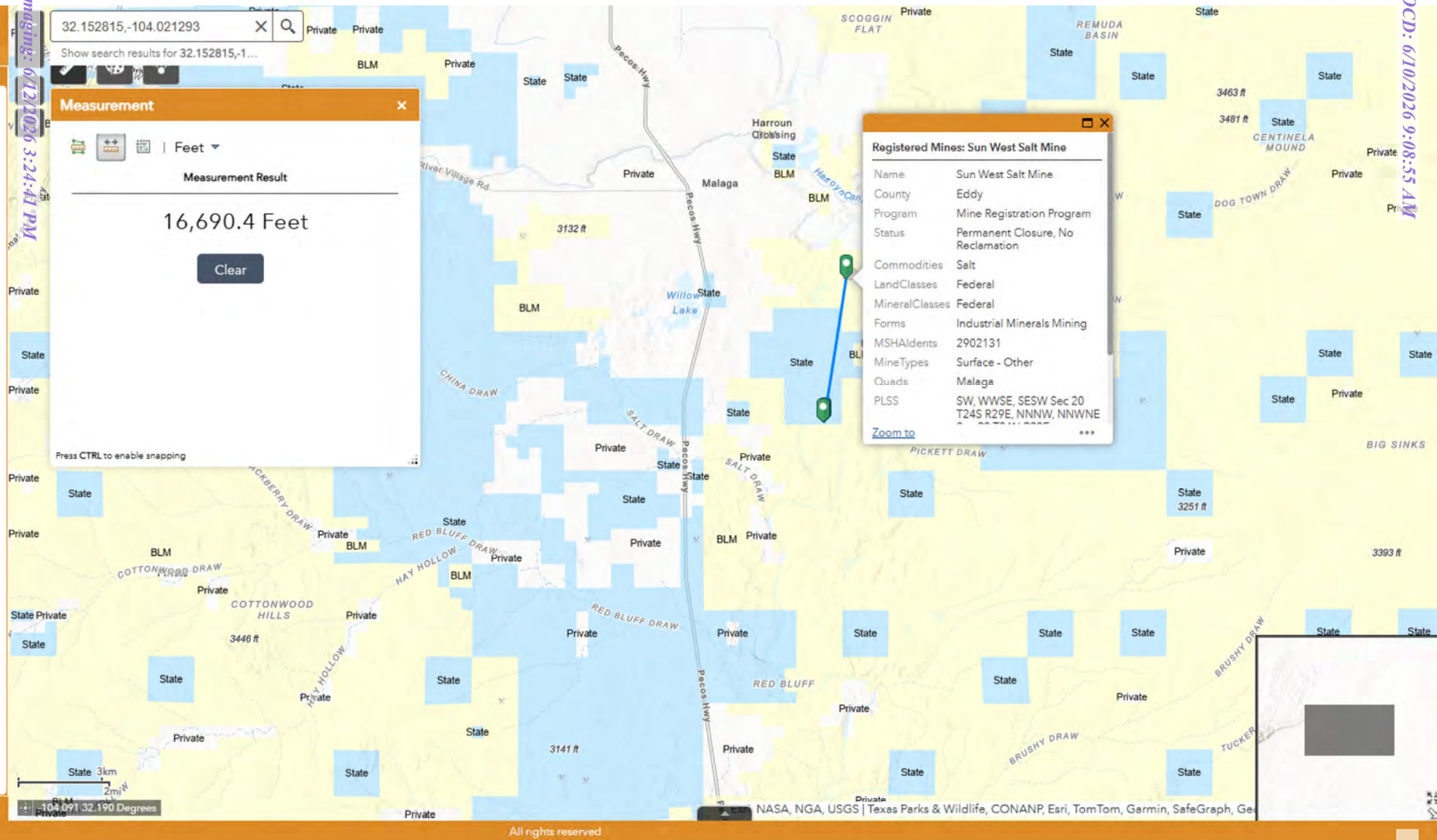
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- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

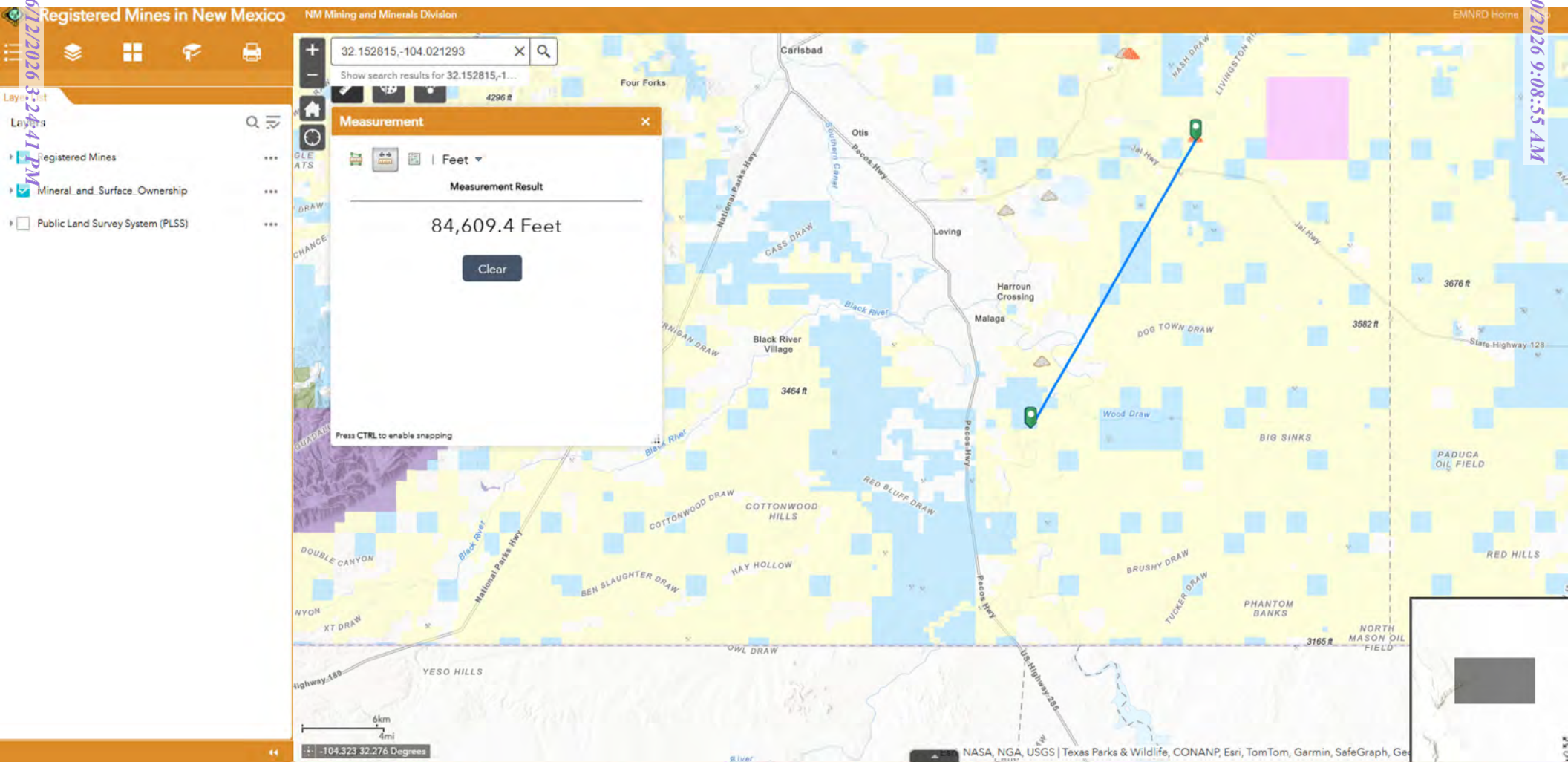
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Mine/Minerals

16,690 ft. to Nearest Registered Mine

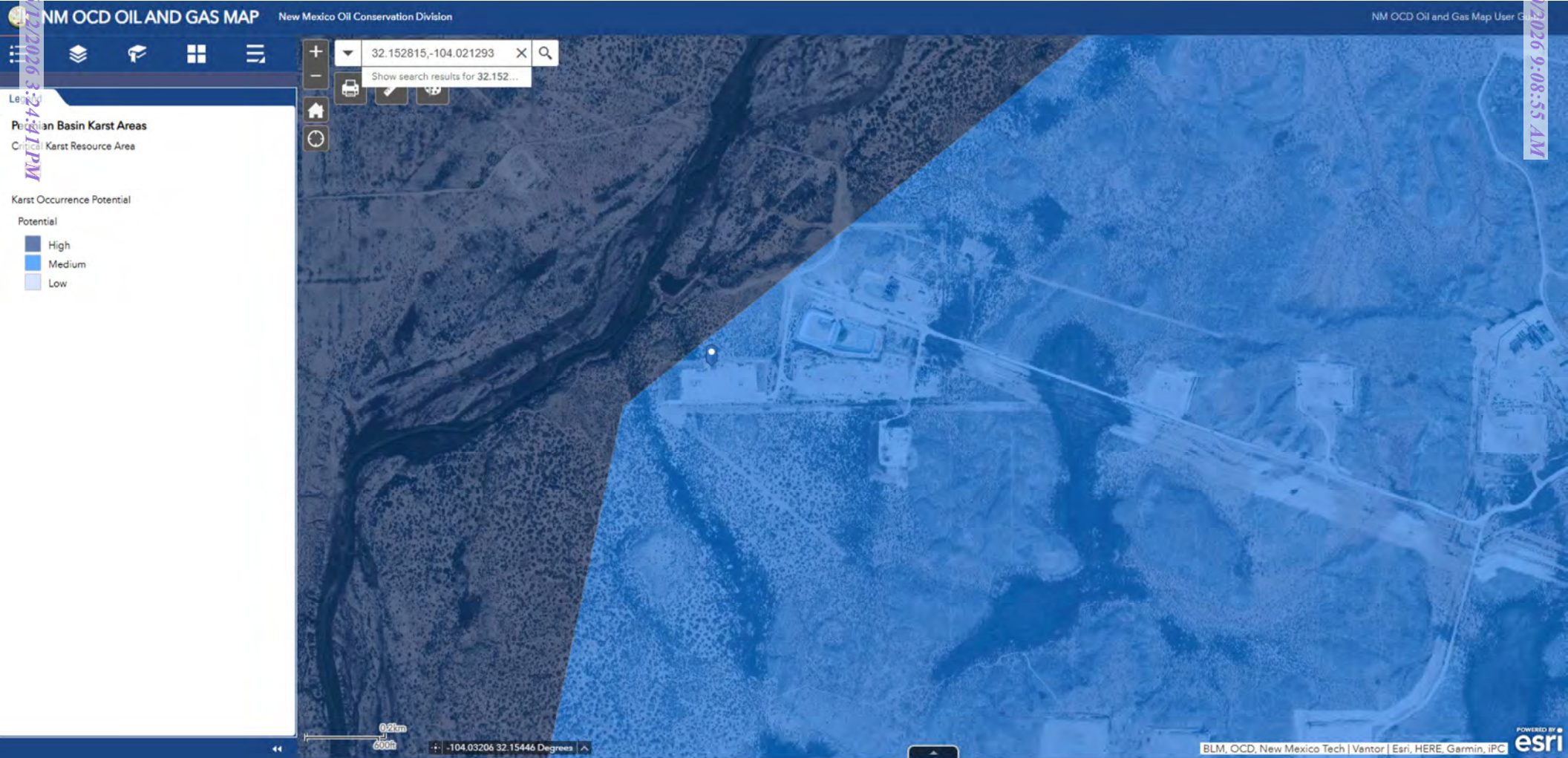


84,609 ft. to Nearest Subsurface Mine

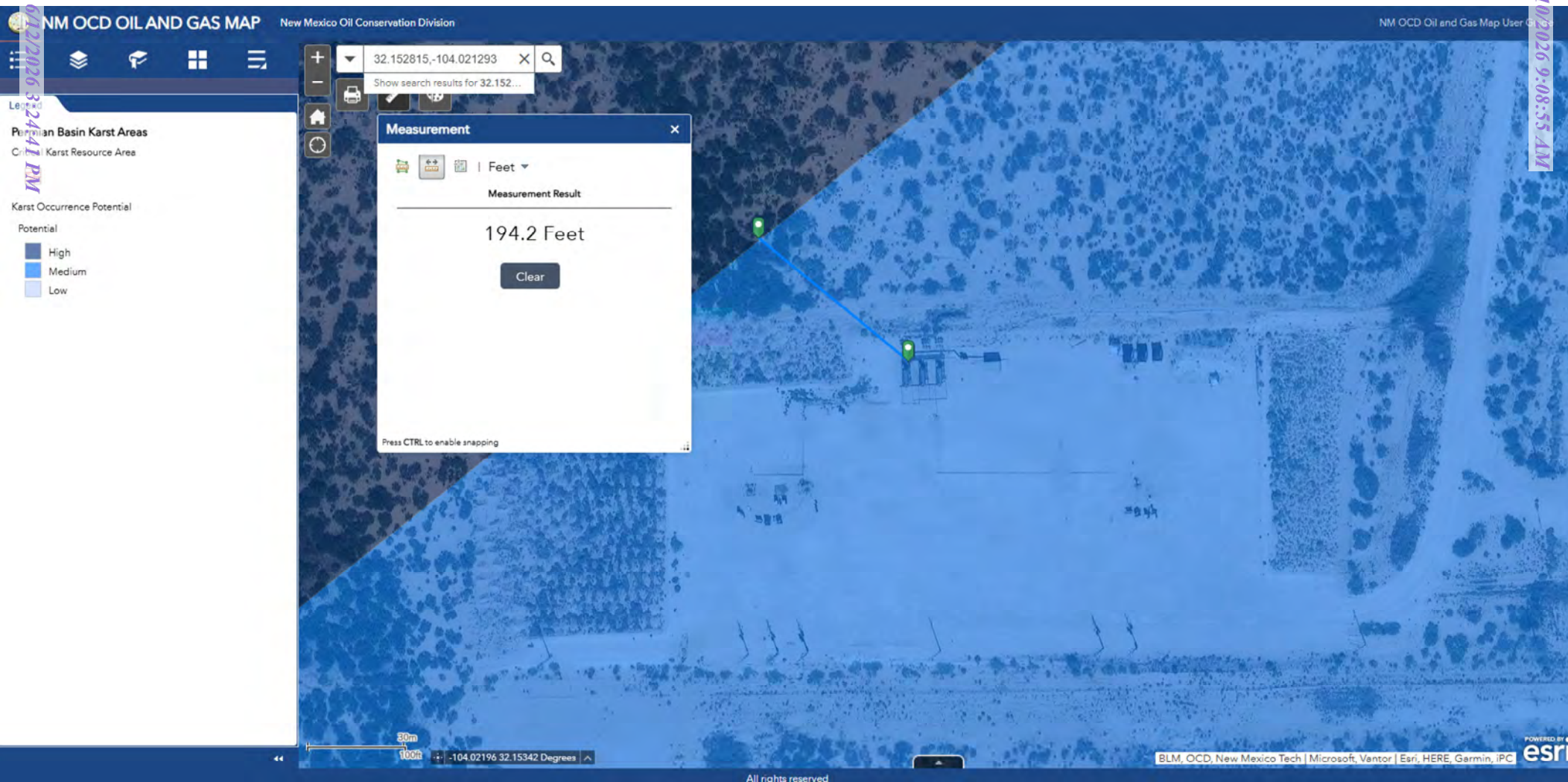


Karst Potential

Medium Karst Potential



194 ft. to high Karst



Flood Hazard

National Flood Hazard Layer FIRMette



104°1'35"W 32°9'25"N



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

1:6,000

104°0'58"W 32°8'55"N

Released to Imaging: 6/12/2026 3:24:41 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/8/2026 at 4:19 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.

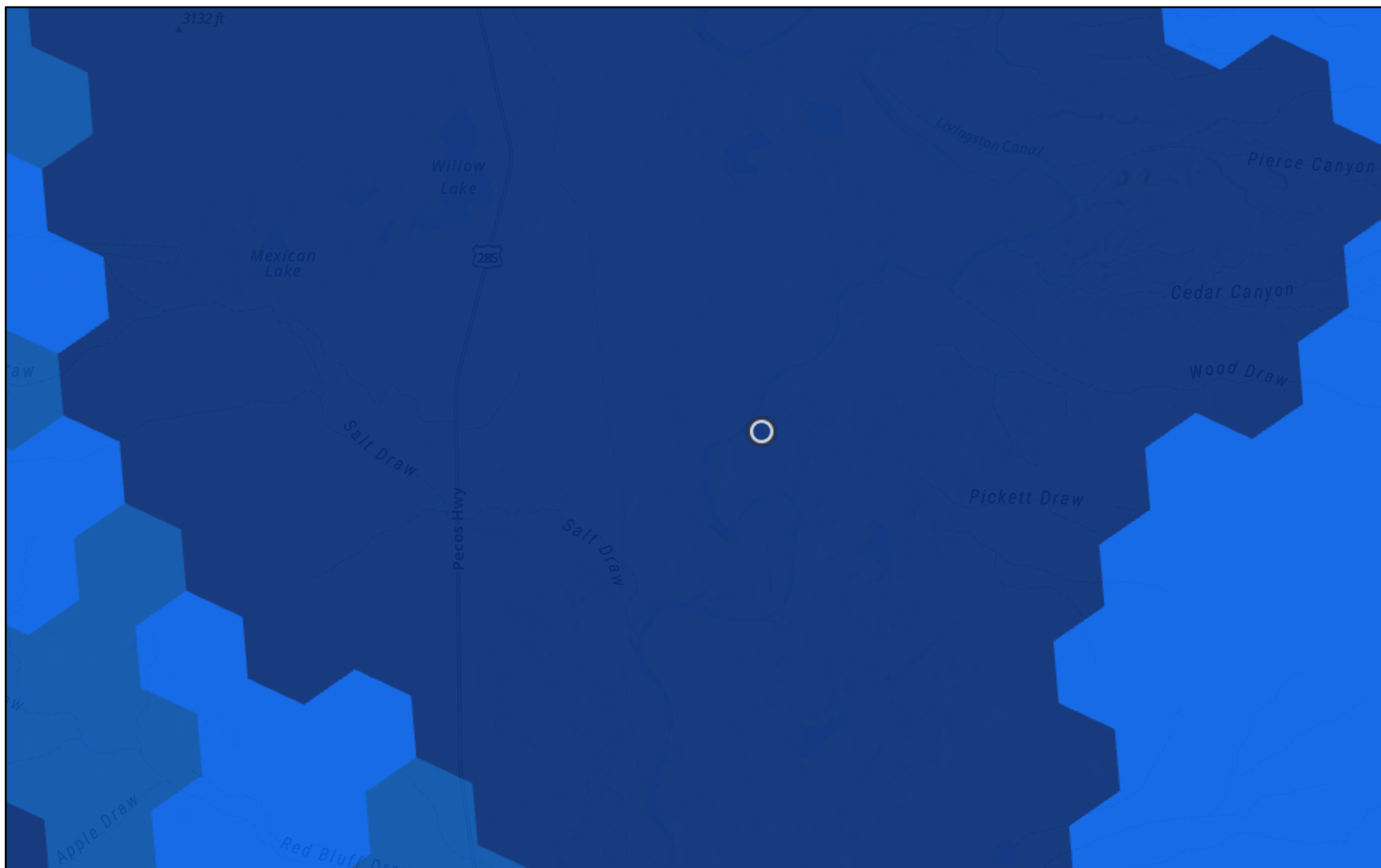
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

338 ft. to FEMA FloodZone A



Appendix B. Biological Review

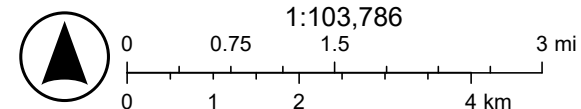
Roadhouse Fed Com #002H



5/14/2026

Crucial Habitat (2024)

1	2	3	4
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Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, NASA, NGA, USGS, FEMA

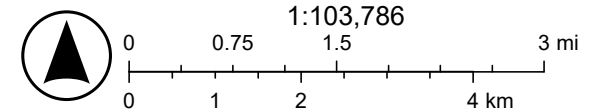
Roadhouse Fed Com #002H



5/14/2026

Species of Concern (2024)

Dark Red	1	Light Red	2	Very Light Red	3	White	4
----------	---	-----------	---	----------------	---	-------	---



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Esri, NASA, NGA, USGS, FEMA



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office
2105 Osuna Road Ne
Albuquerque, NM 87113-1001
Phone: (505) 346-2525 Fax: (505) 346-2542



In Reply Refer To:

05/14/2026 16:37:55 UTC

Project Code: 2026-0090081

Project Name: Roadhouse Fed Com #002H

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 *et seq.*), the Migratory Bird Treaty Act as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act as amended (16 USC 668-668(c)). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area, and to recommend some conservation measures that can be included in your project design.

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the ESA of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the ESA is to provide a means whereby threatened and endangered species and

the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the ESA and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (NEPA; 42 USC 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at <https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>.

Candidate Species and Other Sensitive Species

A list of candidate and other sensitive species in your area is also attached. Candidate species and other sensitive species are species that have no legal protection under the ESA, although we recommend that candidate and other sensitive species be included in your surveys and considered for planning purposes. The Service monitors the status of these species. If significant declines occur, these species could potentially be listed. Therefore, actions that may contribute to their decline should be avoided.

Lists of sensitive species including State-listed endangered and threatened species are compiled by New Mexico State agencies. These lists, along with species information, can be found at the following websites.

Biota Information System of New Mexico (BISON-M): www.bison-m.org

New Mexico State Forestry. The New Mexico Endangered Plant Program:
<https://www.emnrd.nm.gov/sfd/rare-plants/>

New Mexico Rare Plant Technical Council, New Mexico Rare Plants: nmrareplants.unm.edu

Natural Heritage New Mexico, online species database: nhnm.unm.edu

WETLANDS AND FLOODPLAINS

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value.

We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's NWI program website, www.fws.gov/wetlands/Data/Mapper.html, integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

MIGRATORY BIRDS

In addition to responsibilities to protect threatened and endangered species under the ESA, there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the Service (50 CFR 10.12 and 16 USC 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a Federal nexus) or a Bird/Eagle Conservation Plan (when there is no Federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>. We also recommend review of the Birds of Conservation Concern list (<https://www.fws.gov/media/birds-conservation-concern-2021>) to fully evaluate the effects to the birds at your site. This list identifies migratory and non-migratory bird species (beyond those already designated as federally threatened or endangered) that represent top conservation priorities for the Service, and are potentially threatened by disturbance, habitat impacts, or other project development activities.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 thereby provides additional protection for both migratory birds and migratory bird habitat. Please visit <https://www.fws.gov/partner/council-conservation-migratory-birds> for information regarding the implementation of Executive Order 13186.

We suggest you contact the New Mexico Department of Game and Fish, and the New Mexico

Project code: 2026-0090081

05/14/2026 16:37:55 UTC

Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding State protected and at-risk species fish, wildlife, and plants.

For further consultation with the Service we recommend submitting inquiries or assessments electronically to our incoming email box at nmesfo@fws.gov, where it will be more promptly routed to the appropriate biologist for review.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New Mexico Ecological Services Field Office

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

(505) 346-2525

Project code: 2026-0090081

05/14/2026 16:37:55 UTC

PROJECT SUMMARY

Project Code: 2026-0090081

Project Name: Roadhouse Fed Com #002H

Project Type: General NRDAR/Spill Response/Environmental Contaminants

Project Description: Biological review for remediation activities

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@32.152610800000005,-104.02070740249869,14z>



Counties: Eddy County, New Mexico

ENDANGERED SPECIES ACT SPECIES

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Project code: 2026-0090081

05/14/2026 16:37:55 UTC

BIRDS

NAME	STATUS
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> Population: U.S.A (AZ, NM) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1923 General project design guidelines: https://ipac.ecosphere.fws.gov/project/3YYVD3KZJ5AGHJBHXUJXVM5BDI/documents/generated/8928.pdf	Experimental Population, Non-Essential
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6749 General project design guidelines: https://ipac.ecosphere.fws.gov/project/3YYVD3KZJ5AGHJBHXUJXVM5BDI/documents/generated/9177.pdf	Endangered

CLAMS

NAME	STATUS
Texas Hornshell <i>Popenaias popeii</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/919 General project design guidelines: https://ipac.ecosphere.fws.gov/project/3YYVD3KZJ5AGHJBHXUJXVM5BDI/documents/generated/9180.pdf	Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

Project code: 2026-0090081

05/14/2026 16:37:55 UTC

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Ethan Phillips
Address: 2418 N Frazier Street
City: Conroe
State: TX
Zip: 77303
Email: ephillips@vertexresource.com
Phone: 9365292913



26R-03818

Ecological Review & Summary

Roadhouse Fed Com #002H

Incident ID: nAPP2612271122

Coordinates: 32.152815, -104.021293

Prepared for:

ExxonMobil Upstream Company

Prepared by:

Vertex Resource Services Inc.

A handwritten signature in black ink, appearing to read 'Becca Stallings', is positioned above a horizontal line.

Becca Stallings, MNRS, CPESC, CESSWI
MANAGER – ECOLOGY AND ASSESSMENT

May 14, 2026

Date

The proximity of the site to the closest receiving waterbody, listed in the National Wetland Inventory Mapper as an upper perennial riverine with an unconsolidated shore that is temporarily flooded (R3USA), is approximately 791 feet to the northwest, and the closest freshwater wetland, (PEM1C), is roughly 1,304 feet to the west. The site generally slopes in the southwest direction; thus, the site activities are unlikely to impact nearby waterbodies. The site's primary soil profile is the Pajarito-Dune land complex that is well drained with very low runoff. The site is within the rustler formation with known medium karst features. These environmental factors are accompanied by a low concentration of crucial habitat and New Mexico-listed threatened or endangered species for Eddy County, New Mexico. State-listed species with the potential to occur in Eddy County were reviewed for potential to occur within the project boundaries. Per the United States Fish and Wildlife Service, the site has the potential for the following threatened and endangered species to occur: northern aplomado falcon (*Falco femoralis septentrionalis*) – experimental population; piping plover (*Charadrius melodus*) – threatened; southwestern willow flycatcher (*Empidonax traillii extimus*) – endangered; Texas hornshell (*Popenaias popeii*) – endangered; and monarch butterfly (*Danaus plexippus*) – proposed threatened. These species were also reviewed for potential to occur within the project boundaries. Due to the release occurring within the disturbance limits of the existing oil and gas pad, it is unlikely that the site activities will impact any federal- or state-protected species during remediation activities. Based on the desktop environmental review, a biological survey is not recommended.

Appendix C. Daily Field Reports



Daily Field Log

Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

05/07/2026

Location: Default Site Location

By: Riley Arnold

Weather	Cloudy	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	09:45	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2612271122

Work Summary:

Map spill/ 811 flags

Time	Observations
------	--------------

10:35:41	Travel to site/ safety paperwork
10:35:50	Rig on site, spoke with security and ExxonMobil company man. They gave me approval to map spill and place pin flags for 811.
10:36:30	Company man projects to be off of y Monday 5.11.26
11:59:39	Release was located and mapped
11:59:41	Spoke with company man on the way out, he clarified that we can preform mechanical delineation on this portion of the pad as long as we bring caution fencing in

Inspector: Riley Arnold



Daily Field Log

Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

Pictures/Attachments

Date: 5/7/2026
Time: 10:39
Notes: Rig on location
Latitude: 32.15241666666667
Longitude: -104.02147777777778
Direction: N



Date: 5/7/2026
Time: 11:11
Notes: 811 corners placed
Latitude: 32.152927777777776
Longitude: -104.02160555555555
Direction: N





Daily Field Log

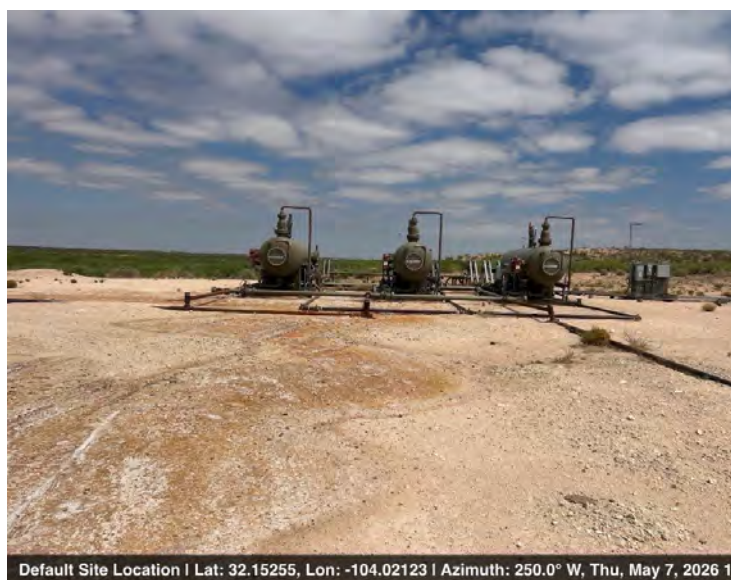
Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

Pictures/Attachments

Date: 5/7/2026
Time: 11:59
Notes: Release and all surrounding production equipment mapped
Latitude: 32.1525527777778
Longitude: -104.02120833333333
Direction: W



Date: 5/7/2026
Time: 11:59
Notes: Release and all surrounding production equipment mapped
Latitude: 32.1525527777778
Longitude: -104.02123333333333
Direction: W





Daily Field Log

Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

Pictures/Attachments

Date: 5/7/2026
Time: 11:59
Notes: Release and all surrounding production equipment mapped
Latitude: 32.15255277777778
Longitude: -104.02123333333333
Direction: SW





Daily Field Log

Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

05/12/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	Tex Mex Construction
Staff On-site	Riley Arnold	Contractor Crew	Peter and crew
Staff From Time	08:44	Equipment On Site	Backhoe and hand tools
Tailgate meeting conducted	Yes	Incident ID Number	nAPP2612271122

Work Summary:

Mechanical delineation

Time	Observations
------	--------------

09:45:24	Travel to site/ safety paperwork/ tailgate safety meeting
----------	---

09:45:40	Waited for permit approval
----------	----------------------------

09:45:52	Caution fence placed between our crew and rig
----------	---

13:48:48	BH26-01 thorough BH26-04 were collected at 0 and 2'
----------	---

13:49:14	BH26-06 was collected at 0 and 2'
----------	-----------------------------------

13:49:34	BH26-07 was collected at 0-4' in 1' increments
----------	--

13:49:56	BH26-09 was collected at 0-3' in 1' increments
----------	--

13:50:23	All samples were filed screened
----------	---------------------------------

18:12:43	Coc's were created
----------	--------------------

18:12:47	Samples were jarred and labeled
----------	---------------------------------

Inspector: Riley Arnold



Daily Field Log

Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

Pictures/Attachments

Date: 5/12/2026
Time: 10:05
Notes: Exclusion zone created
Latitude: 32.1524722222222
Longitude: -104.0214694444445
Direction: NE



Date: 5/12/2026
Time: 10:12
Notes: BH26-01 @ 0'
BH26-01 @ 2'
Latitude: 32.1525527777778
Longitude: -104.0213
Direction: N





Daily Field Log

Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

Pictures/Attachments

Date: 5/12/2026
Time: 10:16
Notes: BH26-02 @ 0'
BH26-02 @ 2'
Latitude: 32.15269166666666
Longitude: -104.02140833333333
Direction: SE



Date: 5/12/2026
Time: 10:21
Notes: BH26-03 @ 0'
BH26-03 @ 2'
Latitude: 32.15286111111111
Longitude: -104.01784444444445
Direction: E





Daily Field Log

Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

Pictures/Attachments

Date: 5/12/2026
Time: 10:26
Notes: BH26-04 @ 0'
BH26-04 @ 2'
Latitude: 32.15281944444444
Longitude: -104.01896666666667
Direction: NE



Date: 5/12/2026
Time: 10:32
Notes: BH26-09 @ 0'
BH26-09 @ 1'
BH26-09 @ 2'
BH26-09 @ 3'
Latitude: 32.15273333333333
Longitude: -104.02135555555556
Direction: N





Daily Field Log

Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

Pictures/Attachments

Date: 5/12/2026
Time: 10:40
Notes: BH26-06 @ 0'
BH26-06 @ 2'
Latitude: 32.15266666666667
Longitude: -104.02115
Direction: S



Date: 5/12/2026
Time: 10:50
Notes: BH26-07 @ 0'
BH26-07 @ 2'
BH26-07 @ 3'
BH26-07 @ 4'
Latitude: 32.15265
Longitude: -104.02125555555556
Direction: N





Daily Field Log

Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

05/13/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	Tex Mex Construction
Staff On-site	Riley Arnold	Contractor Crew	Peter and crew
Staff From Time	08:46	Equipment On Site	Backhoe and hand tools
Tailgate meeting conducted	Yes	Incident ID Number	nAPP2612271122

Work Summary:

Delineation

Time	Observations
------	--------------

09:07:32	Travel to site/ safety paperwork/ tailgate safety meeting
----------	---

15:29:18	BH26-08 was collected at 0-3 in 1' increments
----------	---

15:29:41	BH26-05 was collected at 0 and 2'
----------	-----------------------------------

15:29:56	Samples were field screened
----------	-----------------------------

15:30:04	BH26-08 was collected at 4'
----------	-----------------------------

15:30:31	Sample was field screened
----------	---------------------------

15:30:42	Samples were jarred and labeled
----------	---------------------------------

15:30:49	Coc creation
----------	--------------

Inspector: Riley Arnold



Daily Field Log

Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

Pictures/Attachments

Date: 5/13/2026
Time: 09:47
Notes: BH26-05 @ 0'
BH26-05 @ 2'
Latitude: 32.15148888888885
Longitude: -104.01880555555556
Direction: W



Date: 5/13/2026
Time: 09:48
Notes: BH26-08 @ 0'
BH26-08 @ 2'
BH26-08 @ 3'
Latitude: 32.15262222222222
Longitude: -104.02124722222221
Direction: N





Daily Field Log

Site: Roadhouse Fed Com #002H
Client: XTO Energy Inc.

Pictures/Attachments

Date: 5/13/2026
Time: 10:11
Notes: BH26-08 @ 4'
Latitude: 32.15274444444444
Longitude: -104.01763888888888
Direction: NW



Appendix D. Laboratory Certificates of Analyses



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

May 19, 2026

CHAD HENSLEY

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: ROADHOUSE FED COM #002H

Enclosed are the results of analyses for samples received by the laboratory on 05/14/26 13:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 01 @ 0' (H262722-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.23	112	2.00	0.971		
Toluene*	<0.050	0.050	05/15/2026	ND	2.22	111	2.00	1.84		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	2.35	117	2.00	5.12		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	7.09	118	6.00	7.30		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/15/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 68.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 65.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 01 @ 2' (H262722-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2026	ND	2.23	112	2.00	0.971	
Toluene*	<0.050	0.050	05/15/2026	ND	2.22	111	2.00	1.84	
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	2.35	117	2.00	5.12	
Total Xylenes*	<0.150	0.150	05/15/2026	ND	7.09	118	6.00	7.30	
Total BTEX	<0.300	0.300	05/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/15/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 84.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 02 @ 0' (H262722-03)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2026	ND	2.23	112	2.00	0.971	
Toluene*	<0.050	0.050	05/15/2026	ND	2.22	111	2.00	1.84	
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	2.35	117	2.00	5.12	
Total Xylenes*	<0.150	0.150	05/15/2026	ND	7.09	118	6.00	7.30	
Total BTEX	<0.300	0.300	05/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/15/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 78.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.7 % 39.9-141

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Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 02 @ 2' (H262722-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.23	112	2.00	0.971		
Toluene*	<0.050	0.050	05/15/2026	ND	2.22	111	2.00	1.84		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	2.35	117	2.00	5.12		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	7.09	118	6.00	7.30		
Total BTX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/15/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 78.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 03 @ 0' (H262722-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.23	112	2.00	0.971		
Toluene*	<0.050	0.050	05/15/2026	ND	2.22	111	2.00	1.84		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	2.35	117	2.00	5.12		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	7.09	118	6.00	7.30		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/15/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 68.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 03 @ 2' (H262722-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.23	112	2.00	0.971		
Toluene*	<0.050	0.050	05/15/2026	ND	2.22	111	2.00	1.84		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	2.35	117	2.00	5.12		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	7.09	118	6.00	7.30		
Total BTX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/15/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 75.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.2 % 39.9-141

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Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 04 @ 0' (H262722-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.23	112	2.00	0.971		
Toluene*	<0.050	0.050	05/15/2026	ND	2.22	111	2.00	1.84		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	2.35	117	2.00	5.12		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	7.09	118	6.00	7.30		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/15/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 73.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 04 @ 2' (H262722-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.23	112	2.00	0.971		
Toluene*	<0.050	0.050	05/15/2026	ND	2.22	111	2.00	1.84		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	2.35	117	2.00	5.12		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	7.09	118	6.00	7.30		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	05/15/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 75.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 06 @ 0' (H262722-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24	
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21	
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95	
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05	
Total BTEX	<0.300	0.300	05/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/15/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 71.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 06 @ 2' (H262722-10)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24	
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21	
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95	
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05	
Total BTX	<0.300	0.300	05/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/15/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 78.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 07 @ 0' (H262722-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24		
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05		
Total BTEx	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16900	16.0	05/15/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	19.5	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 79.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 07 @ 1' (H262722-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24	
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21	
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95	
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05	
Total BTEX	<0.300	0.300	05/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2210	16.0	05/15/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 82.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 07 @ 2' (H262722-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24		
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/15/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	225	112	200	5.01	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	203	102	200	5.28	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 80.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 09 @ 0' (H262722-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24		
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95	GC-NC	
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	23000	16.0	05/15/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	226	113	200	0.318	
DRO >C10-C28*	72.6	10.0	05/15/2026	ND	211	106	200	0.773	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 79.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 09 @ 1' (H262722-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24		
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7360	16.0	05/15/2026	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	226	113	200	0.318	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	211	106	200	0.773	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 93.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 09 @ 2' (H262722-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24		
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7680	16.0	05/15/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	226	113	200	0.318	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	211	106	200	0.773	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 78.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 09 @ 3' (H262722-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24		
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05		
Total BTEx	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/15/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	226	113	200	0.318	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	211	106	200	0.773	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 83.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/13/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 05 @ 0' (H262722-18)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24	
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21	
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95	
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05	
Total BTEX	<0.300	0.300	05/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/15/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	226	113	200	0.318	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	211	106	200	0.773	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 86.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/13/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 05 @ 2' (H262722-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24	
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21	
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95	
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05	
Total BTEX	<0.300	0.300	05/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/15/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	226	113	200	0.318	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	211	106	200	0.773	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 85.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE
CHAD HENSLEY
3101 BOYD DRIVE
CARLSBAD NM, 88220
Fax To: NA

Received: 05/14/2026
Reported: 05/19/2026
Project Name: ROADHOUSE FED COM #002H
Project Number: 26A-03229
Project Location: EXXON MOBIL

Sampling Date: 05/13/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 08 @ 0' (H262722-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24		
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11400	16.0	05/15/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	226	113	200	0.318	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	211	106	200	0.773	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 89.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/13/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 08 @ 1' (H262722-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24		
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5120	16.0	05/15/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	226	113	200	0.318	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	211	106	200	0.773	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 82.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/13/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 08 @ 2' (H262722-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24	
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21	
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95	
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05	
Total BTEX	<0.300	0.300	05/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	05/15/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	226	113	200	0.318	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	211	106	200	0.773	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 94.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/13/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 08 @ 3' (H262722-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24		
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21		
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95		
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05		
Total BTEX	<0.300	0.300	05/15/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	05/15/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	226	113	200	0.318	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	211	106	200	0.773	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 90.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

VERTEX RESOURCE
 CHAD HENSLEY
 3101 BOYD DRIVE
 CARLSBAD NM, 88220
 Fax To: NA

Received: 05/14/2026
 Reported: 05/19/2026
 Project Name: ROADHOUSE FED COM #002H
 Project Number: 26A-03229
 Project Location: EXXON MOBIL

Sampling Date: 05/13/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BH26 - 08 @ 4' (H262722-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/15/2026	ND	2.03	101	2.00	3.24	
Toluene*	<0.050	0.050	05/15/2026	ND	1.89	94.7	2.00	1.21	
Ethylbenzene*	<0.050	0.050	05/15/2026	ND	1.88	93.8	2.00	1.95	
Total Xylenes*	<0.150	0.150	05/15/2026	ND	5.62	93.6	6.00	2.05	
Total BTEX	<0.300	0.300	05/15/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	05/15/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2026	ND	226	113	200	0.318	
DRO >C10-C28*	<10.0	10.0	05/15/2026	ND	211	106	200	0.773	
EXT DRO >C28-C36	<10.0	10.0	05/15/2026	ND					

Surrogate: 1-Chlorooctane 84.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.9 % 39.9-141

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Project Manager: Chad Hensley Address: 3101 Boyd drive City: Carlsbad State: NM Zip: 88220 Phone #: 575-725-5001 Fax #: Project #: 26A-03229 Project Owner: Project Name: Roadhouse Fed com #002H Project Location: Sampler Name: Riley Arnold FOR LAB USE ONLY		BILL TO P.O. #: 16761101 Company: Extonobi Attn: Dale Woboda Address: 3101 E Green St City: Carlsbad State: NM Zip: 88220 Phone #: Fax #: 	
Lab I.D. Sample I.D.		ANALYSIS REQUEST	
1 BH26-01 2 0' 1 (G)RAB OR (C)OMP. # CONTAINERS 2 BH26-01 2 2' GROUNDWATER 3 BH26-02 2 0' WASTEWATER 4 BH26-02 2 2' SOIL 5 BH26-03 2 0' OIL 6 BH26-03 2 2' SLUDGE 7 BH26-04 2 0' OTHER 8 BH26-04 2 2' ACID/BASE 9 BH26-06 2 0' ICE / COOL 10 BH26-06 2 2' OTHER		DATE TIME 5.12.26 9:32 9:41 9:53 10:07 10:16 10:24 10:36 10:45 12:02 12:20	
RECEIVED BY: Steele Date: 5/14/20 Time: 1350 Received By: Steele Date: Time: 		VERBAL RESULT: ☐ Yes ☐ No Add'l Phone #: 626-400-4000 All Results are emailed. Please provide Email address: Raymond@vertexresource.com REMARKS: ID: NAPP2612271122 GFCM: 48605000 Turnaround Time: Standard ☒ Rush ☐ Thermometer ID #140 TO: 1 Correction Factor TO: 1 Bacteria (only) Sample Condition ☒ ☐ Cool Intact ☐ Yes ☐ No Observed Temp. °C ☐ Yes ☐ No Corrected Temp. °C ☐ Yes ☐ No	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource		BILL TO		P.O. #: 167611101		ANALYSIS REQUEST	
Project Manager: Chad Hensley				Company: ExxonMobil			
Address: 3101 Boyd drive				Attn: Dale Woodall			
City: Carlbad		State: NM zip: 88220		Address: 3101 E Green St			
Phone #: 575-725-5001 Fax #:				City: Carlbad			
Project #: 26A-03229 Project Owner:				State: NM zip: 88220			
Project Name: Roadhouse Fed com #002H				Phone #:			
Project Location:				Fax #:			
Sampler Name: Riley Arnold							
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	
		GROUNDWATER		WASTEWATER			
		SOIL		OIL			
		SLUDGE		OTHER			
		ACID/BASE		ICE / COOL			
		OTHER					
		DATE	TIME				
HA2722	BH26-07	0'	12:42	X	X	X	
11	BH26-07	1'	12:51	X	X	X	
12	BH26-07	2'	1:06	X	X	X	
13	BH26-09	1'	1:18	X	X	X	
14	BH26-09	2'	1:29	X	X	X	
15	BH26-09	2'	1:31	X	X	X	
16	BH26-09	3'	5:13.26	X	X	X	
17	BH26-05	2'	9:15	X	X	X	
18	BH26-05	2'	9:27	X	X	X	
19	BH26-05	2'	9:36	X	X	X	
20	BH26-08	2'		X	X	X	
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Relinquished By: Chad Hensley	Date: 5-14-20	Received By: Shackleton	Date: 5-14-20				
Time: 1350		Time: 1350					
Relinquished By: Chad Hensley	Date: 5-14-20	Received By: Shackleton	Date: 5-14-20				
Time: 1350		Time: 1350					
Delivered By: (Circle One) UPS	Observed Temp. °C: 22.9	Sample Condition: Cool Intact	CHECKED BY: SE				
Sampler - UPS - Bus - Other:	Corrected Temp. °C: 3.0	☒ Yes ☐ No					
Turnaround Time: Standard	Thermometer ID #140	Correction Factor: 0.5°C	Bacteria (only) Sample Condition: Cool Intact				
			Observed Temp. °C: 22.9				
			Corrected Temp. °C: 3.0				
REMARKS: ID: NADP2612271122							
GFCN: 48605000							
Verbal Result: ☐ Yes ☐ No Add'l Phone #:							
All Results are emailed. Please provide Email address:							
Email address: chad.hensley@vertexresource.com							
Email address: chad.hensley@vertexresource.com							

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



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource Project Manager: Chad Hensley Address: 3101 Boyd drive City: Carlbad State: NM Zip: 88220 Phone #: 575-725-5001 Fax #: Project #: 26A-03229 Project Owner: Project Name: Roadhouse Fed com #002H Project Location: Sampler Name: Riley Arnold FOR LAB USE ONLY		BILL TO P.O. #: 167611101 Company: ExxonMobil Attn: Dale Woodall Address: 3104 E Green St City: Carlbad State: NM Zip: 88220 Phone #: Fax #: 		ANALYSIS REQUEST					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV	SAMPLING	DATE TIME	BTEX TPH Chloride	Standard Rush	Bacteria (only) Sample Condition Cool Intact Yes ☐ No ☐ Yes ☐ No ☐	Corrected Temp. °C
BH26-08 2 1' BH26-08 2 2' BH26-08 2 3' BH26-08 2 4'	1 2 3 4	1 1 1 1	X X X X	5.13.26 10:15 10:27 10:38 11:07	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X

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Relinquished By: **Michael** Date: **5/14/04** Received By: **Stacy Riquin**

Relinquished By: **Michael** Date: **5/14/04** Received By: **Stacy Riquin**

Delivered By: (Circle One) **Observed Temp. °C: 22.9** Sample Condition: **Cool Intact** CHECKED BY: **SR**

Sampler - UPS - Bus - Other: **Corrected Temp. °C: 3.0** ☐ Yes ☒ No ☐ No

Thermometer ID #140 **550-10-12**

Correction Factor: **0.12**

Turnaround Time: **Standard** ☒ **Rush** ☐

Bacteria (only) Sample Condition: **Cool Intact** ☒ **Observed Temp. °C: 22.9**

Remarks: **ICM: 48605000**
Cardinal Resource
ICM: 48605000
Cardinal Resource
ICM: 48605000

Sante Fe Main Office
Phone: (505) 476-3441

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

QUESTIONS

Action 594074

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 594074
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2612271122
Incident Name	NAPP2612271122 ROADHOUSE 002H @ 30-015-44279
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-44279] ROADHOUSE FEDERAL COM #002H

Location of Release Source

Please answer all the questions in this group.

Site Name	Roadhouse 002H
Date Release Discovered	05/02/2026
Surface Owner	State

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Crude Oil Released: 3 BBL Recovered: 1 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pipeline (Any) Produced Water Released: 64 BBL Recovered: 14 BBL Lost: 50 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 594074

QUESTIONS (continued)

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QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 06/10/2026
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QUESTIONS, Page 3

Action 594074

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID:
	5380
	Action Number: 594074
Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Zero feet, overlying, or within area
An occupied permanent residence, school, hospital, institution, or church	Zero feet, overlying, or within area
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Zero feet, overlying, or within area
Any other fresh water well or spring	Zero feet, overlying, or within area
Incorporated municipal boundaries or a defined municipal fresh water well field	Zero feet, overlying, or within area
A wetland	Zero feet, overlying, or within area
A subsurface mine	Zero feet, overlying, or within area
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Zero feet, overlying, or within area
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	23000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	73
GRO+DRO (EPA SW-846 Method 8015M)	73
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	07/01/2026
On what date will (or did) the final sampling or liner inspection occur	07/01/2026
On what date will (or was) the remediation complete(d)	07/01/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	5296
What is the estimated volume (in cubic yards) that will be remediated	485
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 594074

QUESTIONS (continued)

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	Action Number: 594074
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 06/10/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 594074

QUESTIONS (continued)

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	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 594074

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
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	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	582296
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/15/2026
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	2000

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	No
--	----

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CONDITIONS

Action 594074

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 594074
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Please collect confirmation closure samples, representing no more than 200 ft2. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Due to the sensitive nature of the release location, the site will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule. 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. Please make sure that the edge of the release extent is accurately defined, especially around equipment/pipelines. Samples will need to be taken up against equipment to verify contaminants didn't go underneath. The work will need to be completed in 90 days after the report has been reviewed.	6/12/2026
rhamlet	If you believe certain areas will require a deferral, please make sure that they are fully delineated and specify the exact soil sample locations. The OCD needs to see that every measure has been taken to remediate the release before a deferral can be granted. After all possible contaminated soil has been removed, a formal deferral request will need to be uploaded to the OCD Permitting Portal for review.	6/12/2026