



26A-02249

Remediation Work Plan

Corral Canyon Expansion

nAPP2610335677

BLM Lease Number: NMNM105367024

Coordinates: 32.15254, -103.99902

Prepared for:

ExxonMobil Production Company

Prepared by:

Vertex Resource Services Inc.

Date:

May 2026

ExxonMobil Production Company
Corral Canyon Expansion

Remediation Work Plan
May 2026

Remediation Work Plan
Corral Canyon Expansion
nAPP2610335677
BLM Lease Number: NMNM105367024
Coordinates: 32.15254, -103.99902

Prepared for:
ExxonMobil Production Company
3104 East Greene Street
Carlsbad, New Mexico 88220

Prepared for:
New Mexico Oil Conservation Division
508 West Texas Avenue
Artesia, New Mexico 88210

Prepared by:
Vertex Resource Services Inc.
3101 Boyd Drive
Carlsbad, New Mexico 88220



Riley Arnold, B.Sc.
ENVIRONMENTAL FIELD TECNICIAN, REPORTING

5/21/2026

Date



Chad Hensley, B.Sc., GCNR
SENIOR PROJECT MANAGER, REPORT REVIEW

5/21/2026

Date

Executive Summary

ExxonMobil Production Company retained Vertex Resource Services Inc. (Vertex) to complete an initial site assessment and Remediation Work Plan for the incident ID number nAPP2610335677 at the Corral Canyon Expansion (the “site”; Facility ID: fAPP2123048204).

Vertex performed the initial site assessment on April 14, 2026, and identified an area of interest (AOI) on the production site and placed an 811-ticket request. On April 17 and 24, 2026, eight borehole samples were obtained within the AOI. A total of 22 samples were submitted for laboratory analysis of BTEX, chlorides, and hydrocarbons. Analytical results indicated that BH26-01, BH26-05, BH26-06 and BH26-08 exceeded Closure Criteria at surface and met Closure Criteria at various depths below ground surface. BH26-02 to BH26-04 and BH26-07 were within Closure Criteria at surface and 1 foot below ground surface as defined in 19.15.29 NMAC.

Excavation of impacted soils within the AOI will commence once Remediation Work Plan is approved by the New Mexico Oil Conservation Division. The excavation extent is expected to have a surface area of approximately 1,658 sq ft with a depth of 2.5 to 6.5 feet, totaling an excavated volume of approximately 241 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 confirmation sampling event. Samples will be sent to Cardinal Laboratory for laboratory analysis. Final remediation will be completed per Bureau of Land Management guidelines once production is complete.

Table of Contents

- 1.0 Introduction..... 1**
- 2.0 Background..... 1**
 - 2.1 Access..... 1
 - 2.2 Site Description 1
 - 2.3 Cultural Resources Compliance..... 1
 - 2.4 Ecological Setting..... 1
 - 2.5 Biological Compliance..... 2
- 3.0 Site Evaluation 2**
 - 3.1 Assessment of Soil Suitability 2
 - 3.2 Special Soil Conditions 3
 - 3.2.1 Area of Interest..... 3
- 4.0 Remediation Work Plan 3**
 - 4.1 AOI Remediation Steps 3
- 5.0 References 5**
- 6.0 Limitations..... 6**

In-text Tables

Table 1. Closure Criteria for Soils Impacted by a Release DTGW \leq 50 feet bgs

List of Figures

Figure 1. Characterization Site Sampling Schematic

List of Tables

Table 2. Initial Characterization Laboratory Results - Depth to Groundwater \leq 50 feet bgs

List of Appendices

Appendix A. Closure Criteria

Closure Criteria Determination Table

Plate 1. Soil Classification

Plate 2. Depth-to-Water

Plate 3. Surface Water

3.1 Watercourse

3.2 Lake

3.3 Spring

Plate 4. Occupied Residence, School, Hospital, etc.

Plate 5. Wetlands

Plate 6. Mine/Minerals

Plate 7. Karst

Plate 8. Flood Hazard

Appendix B. Biological Review

Appendix C. Daily Field Reports

Appendix D. Laboratory Data Reports and Chain of Custody Forms

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 incident ID number nAPP2610335677 at the Corral Canyon Expansion (the "site"; Facility ID: fAPP2123048204). This Remediation Work Plan discusses actions conducted to date and proposes additional remediation activities.

2.0 Background

2.1 Access

The site is located approximately 6.3 miles southeast of Malaga, New Mexico, on Bureau of Land Management (BLM) lands.

Lease Holder: ExxonMobil Production Company
Unit Letter P, Section 05, Township 25 South, Range 29 East
County Name: Eddy
Latitude, Longitude: 32.15254, -103.99902

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 northwest onto lease road, and continue for 2.4 miles 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 BLM. The site is situated in rolling hills 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 cease until an ARMS Survey can be conducted to remain compliant with BLM regulations. This will include notification to BLM.

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 (Plate 1 – Appendix A) and classified as "Not prime farmland". See Appendix A Plate 1 for other ecological setting information.

2.5 Biological Compliance

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

While no critical habitat was identified, remedial 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, 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 BLM and relevant environmental agencies to determine the necessary protection and mitigation strategies.

3.0 Site Evaluation

Initial site assessment occurred on April 14, 2026, by Vertex personnel. The spill occurred outside a lined containment and spread south and southeast, away from production equipment. The spill was mapped and Vertex personnel met with an 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.

- Four boreholes were placed to define release edges; these samples were collected at surface and 1 foot below ground surface
- Three boreholes were placed to identify vertical depth of impacted soils, these samples were collected from surface to 6.5 feet in depth in 1-foot increments

3.1 Assessment of Soil Suitability

Based on Closure Criteria determination demonstrated in Appendix A, summarized in the Closure Criteria Determination Table, suitable soils chemical concentrations (Closure Criteria per Table 1 of 19.15.29 NMAC) are 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

DTGW – depth to ground water

bgs – below ground surface

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

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 laboratory results is presented in Table 2. Laboratory Certificates of Analyses and Chain of Custody forms are presented in Appendix D.

3.2.1 Area of Interest

The AOI on the southeast corner of the tank battery was identified during the desktop review and on-site assessment. Twenty-two samples were collected from eight borehole sample points during the initial on-site assessment around and within the AOI. Figure 1 identifies the AOI relative to the active production pad and borehole soil sample locations. All samples within the AOI exceeded Closure Criteria for chloride, TPH, benzene, or BTEX at surface. Analytical results showed that samples are within site closure criteria at a depth of 2.5 to 6.5 feet below ground surface, depending on sample location (Figure 1.). All samples taken outside of AOI met Closure Criteria at surface and 1 foot below ground surface.

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

Hydrovacs will be utilized to excavate soils in contact with the tank battery and surrounding production equipment. Once a safe distance from the tank battery is reached, the remainder of the impacted soils will be removed by mechanical excavation.

The excavation extent is expected to have a surface area of approximately 1,658 sq ft with a depth of 2.5 to 6.5 feet, totaling an excavated volume of approximately 241 cubic yards.

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, Benzene, and TPH. Along with the base and wall confirmations, a borehole will be augured horizontally from the excavation beneath the lined containment to ensure no soils beneath the containment were impacted. Upon laboratory confirmation, the excavation area will be backfilled with stockpiled caliche. Closure report and Liner Inspection will be made available within 90 days from work plan approval.

5.0 References

- Google Inc. (2026). *Google Earth Pro (Version 7.3.3)* [Software]. Retrieved from <https://earth.google.com>
- Griffith, G.E., Omernik, J.M., McGraw, M.M., Jacobi, G.Z., Canavan, C.M., Schrader, T.S., Mercer, D., Hill, R., and Moran, B.C. (2006). *Ecoregions of New Mexico*. Available at: <https://www.epa.gov/eco-research/ecoregion-download-files-state-region-6#pane-29>
- New Mexico Bureau of Geology and Mineral Resources. (2026). *Interactive Geologic Map*. Retrieved from <https://maps.nmt.edu/>
- New Mexico Energy, Minerals and Natural Resources Department. (2026). *OCD Permitting - Spill Search*. Retrieved from <https://wwwapps.emnrd.nm.gov/ocd/ocdpermitting/Data/Spills/Spills.aspx>
- New Mexico Office of the State Engineer. (2026a). *Point of Diversion Location Report - New Mexico Water Rights Reporting System*. Retrieved from <http://nmwrrs.ose.state.nm.us/nmwrrs/wellSurfaceDiversion.html>
- New Mexico Office of the State Engineer. (2026b). *Water Column/Average Depth to Water Report - New Mexico Water Rights Reporting System*. Retrieved from <http://nmwrrs.ose.state.nm.us/nmwrrs/waterColumn.html>
- New Mexico Office of the State Engineer. (2026c). *Well Log/Meter Information Report - New Mexico Water Rights Reporting System*. Retrieved from <http://nmwrrs.ose.state.nm.us/nmwrrs/meterReport.html>
- New Mexico Oil Conservation Division. (2018). *New Mexico Administrative Code – Natural Resources and Wildlife Oil and Gas Releases*. Santa Fe, New Mexico.
- Natural Resources Conservation Service. (2012, Reprint 2021). *Field Book for Describing and Sampling Soils Version 3.0*. National Soil Survey Center: Natural Resources Conservation Service. U.S. Department of Agriculture. Pg. 2-89. Retrieved from: <https://www.nrcs.usda.gov/sites/default/files/2022-09/field-book.pdf>
- United States Department of Agriculture, Natural Resources Conservation Service. (2026). *Web Soil Survey*. Retrieved from <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>
- United States Department of Homeland Security, Federal Emergency Management Agency. (2026). *FEMA Flood Map Service: Search by Address*. Retrieved from <https://msc.fema.gov/portal/search?AddressQuery=malaga%20new%20mexico#searchresultsanchor>
- United States Department of the Interior, Bureau of Land Management. (2018). *New Mexico Cave/Karst*. Retrieved from https://www.nm.blm.gov/shapeFiles/cfo/carlsbad_spatial_data.html
- United States Fish and Wildlife Service. (2026). *National Wetland Inventory - Surface Waters and Wetlands*. Retrieved from <https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/>

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 Bureau of Land Management, 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



- ◆ Borehole
- PT Telephone Pole
- Pipeline (Underground)
- ▭ Production Equipment
- ▭ Approximate Release Extent (~491 sq. ft.)



0 10 20 ft.
 NAD 1983 UTM Zone 13N
 Date: Apr 30/26

Map Center:
 Lat: 32.153465°N,
 Long: 103.999466°W



**Characterization Site Sampling Schematic
 Corral Canyon Expansion**

FIGURE:
1



Geospatial data presented in this figure may be derived from external sources and Vertex does not assume any liability for inaccuracies. This figure is intended for reference use only and is not certified for legal, survey, or engineering purposes.

Note: Georeferenced image from Esri, 2025. Site features from Vertex Professional Services Ltd. (VPS), 2026.

TABLES

Client Name: ExxonMobil Production Company
 Site Name: Corral Canyon Expansion
 NMOCD Tracking #: nAPP2610335677
 Project #: 26A-02249
 Lab Reports: H262256 & H262388

Table 2. Initial Characterization Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
BH26-01	0	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	7,920
BH26-02	0	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	368
	1	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	528
BH26-03	0	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	352
	1	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	352
BH26-04	0	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	64
	1	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	128
BH26-05	0	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	98,400
	1	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	6,560
	2	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	2,560
	3	April 24, 2026	ND	ND	ND	ND	ND	ND	ND	4,960
	4	April 24, 2026	ND	ND	ND	ND	ND	ND	ND	688
	6	April 24, 2026	ND	ND	ND	ND	ND	ND	ND	2,740
	6.5R	April 24, 2026	ND	ND	ND	ND	ND	ND	ND	368
BH26-06	0	April 17, 2026	ND	ND	ND	178	32	178	210	15,800
	1	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	720
	2.5R	April 17, 2026	ND	ND	ND	ND	ND	ND	ND	272
BH26-07	0	April 24, 2026	ND	ND	ND	ND	ND	ND	ND	32
	2	April 24, 2026	ND	ND	ND	ND	ND	ND	ND	48
BH26-08	1	April 24, 2026	ND	ND	ND	ND	ND	ND	ND	2,290
	2	April 24, 2026	ND	ND	ND	ND	ND	ND	ND	1,340
	3	April 24, 2026	ND	ND	ND	ND	ND	ND	ND	320

"ND" Not Detected at the Reporting Limit
 "-" indicates not analyzed/assessed

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



APPENDIX A. CLOSURE CRITERIA

Closure Criteria Determination			
Site Name: Corral Canyon Expansion			
Spill Coordinates: 32.153452, -103.99926		X: 594369.57	Y: 3557883.52
Site Specific Conditions		Value	Unit
1	Depth to Groundwater (nearest reference)	56	feet
	Distance between release and nearest DTGW reference	176	feet
		0.03	miles
Date of nearest DTGW reference measurement		C-04324	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	1,401	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	15,253	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	23,556	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	20,341	feet
	ii) Within 1000 feet of any fresh water well or spring	20,341	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	2,155	feet
8	Within the area overlying a subsurface mine	No	feet
	Distance between release and nearest registered mine	16,474	feet
9	Within an unstable area (Karst Map)	Medium	Critical High Medium Low
	Distance between release and nearest unstable area	4,925	feet
10	Within a 100-year Floodplain	500	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	1,864	feet
11	Soil Type	PD, Pajarito-Dune land complex	
12	Ecological Classification	R070BD003NM	
13	Geology	Qep-eolian and piedmont deposits	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	<50'	≤ 50' 51-100' >100'

PLATE 1



A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants


Custom Soil Resource Report for Eddy Area, New Mexico



Custom Soil Resource Report


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils


 Soil Map Unit Polygons


 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit


 Clay Spot


 Closed Depression

 Gravel Pit

 Gravelly Spot


 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water


 Perennial Water

 Rock Outcrop


 Saline Spot

 Sandy Spot

 Severely Eroded Spot


 Sinkhole

 Slide or Slip


 Sodic Spot

 Spoil Area

 Stony Spot


 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals


Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Eddy Area, New Mexico
 Survey Area Data: Version 21, Sep 9, 2025

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

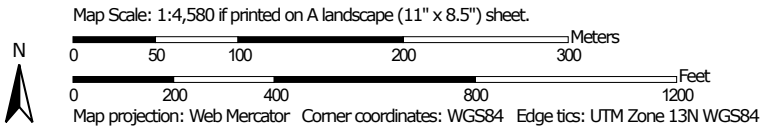
Date(s) aerial images were photographed: Nov 12, 2022—Apr 12, 2025

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

Custom Soil Resource Report Soil Map (Corral Canyon Expansion)



Soil Map may not be valid at this scale.



Custom Soil Resource Report

Map Unit Legend (Corral Canyon Expansion)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PD	Pajarito-Dune land complex, 0 to 3 percent slopes	64.0	86.7%
PS	Potter-Simona complex, 5 to 25 percent slopes	9.8	13.3%
Totals for Area of Interest		73.8	100.0%

Map Unit Descriptions (Corral Canyon Expansion)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate

Custom Soil Resource Report

pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Custom Soil Resource Report

Eddy Area, New Mexico**PD—Pajarito-Dune land complex, 0 to 3 percent slopes****Map Unit Setting**

National map unit symbol: 1w55
Landscape: Uplands
Elevation: 3,000 to 5,000 feet
Mean annual precipitation: 10 to 15 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 46 percent
Dune land: 45 percent
Minor components: 9 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pajarito**Setting**

Landscape: Uplands
Landform: Sand dunes, Interdunes, Sandy plains
Landform position (three-dimensional): Side slope
Down-slope shape: Convex, linear
Across-slope shape: Convex, linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: fine sandy loam
H2 - 9 to 36 inches: fine sandy loam
H3 - 36 to 72 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Custom Soil Resource Report

Description of Dune Land

Setting

Landscape: Sandhills
Landform: Dune fields
Landform position (two-dimensional): Shoulder, backslope, footslope
Landform position (three-dimensional): Talf
Down-slope shape: Linear, convex
Across-slope shape: Linear, convex
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 6 inches: sandy loam
H2 - 6 to 60 inches: sandy loam

Interpretive groups

Land capability classification (irrigated): None specified
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Rock outcrop

Percent of map unit: 5 percent
Hydric soil rating: No

Largo

Percent of map unit: 4 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

PS—Potter-Simona complex, 5 to 25 percent slopes

Map Unit Setting

National map unit symbol: 1w57
Landscape: Uplands
Elevation: 2,750 to 5,000 feet
Mean annual precipitation: 8 to 16 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Potter and similar soils: 80 percent
Simona and similar soils: 15 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Custom Soil Resource Report

Description of Potter**Setting***Landscape:* Uplands*Landform:* Hills, Ridges*Landform position (two-dimensional):* Shoulder, backslope, footslope, toeslope*Landform position (three-dimensional):* Side slope, head slope, nose slope, crest*Down-slope shape:* Convex*Across-slope shape:* Linear*Parent material:* Alluvium**Typical profile***H1 - 0 to 10 inches:* gravelly loam*H2 - 10 to 60 inches:* cemented material**Properties and qualities***Slope:* 5 to 25 percent*Depth to restrictive feature:* More than 80 inches*Drainage class:* Well drained*Runoff class:* Very high*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)*Depth to water table:* More than 80 inches*Frequency of flooding:* None*Frequency of ponding:* None*Calcium carbonate, maximum content:* 60 percent*Maximum salinity:* Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)*Sodium adsorption ratio, maximum:* 1.0*Available water supply, 0 to 60 inches:* Very low (about 1.2 inches)**Interpretive groups***Land capability classification (irrigated):* None specified*Land capability classification (nonirrigated):* 7s*Hydrologic Soil Group:* D*Ecological site:* R070BC025NM - Shallow*Hydric soil rating:* No**Description of Simona****Setting***Landscape:* Uplands*Landform:* Alluvial fans, Plains*Landform position (three-dimensional):* Rise*Down-slope shape:* Linear, convex*Across-slope shape:* Linear*Parent material:* Mixed alluvium and/or eolian sands**Typical profile***H1 - 0 to 11 inches:* gravelly fine sandy loam*H2 - 11 to 19 inches:* gravelly fine sandy loam*H3 - 19 to 60 inches:* cemented material**Properties and qualities***Slope:* 5 to 10 percent*Depth to restrictive feature:* 7 to 20 inches to petrocalcic*Drainage class:* Well drained*Runoff class:* Very high

Custom Soil Resource Report

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 2.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: D

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 3 percent

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Rock outcrop

Percent of map unit: 2 percent

Hydric soil rating: No

References

- American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.
- American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.
- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
- Federal Register. September 18, 2002. Hydric soils of the United States.
- Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.
- National Research Council. 1995. Wetlands: Characteristics and boundaries.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580
- Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.
- United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.
- United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374
- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084>

Custom Soil Resource Report

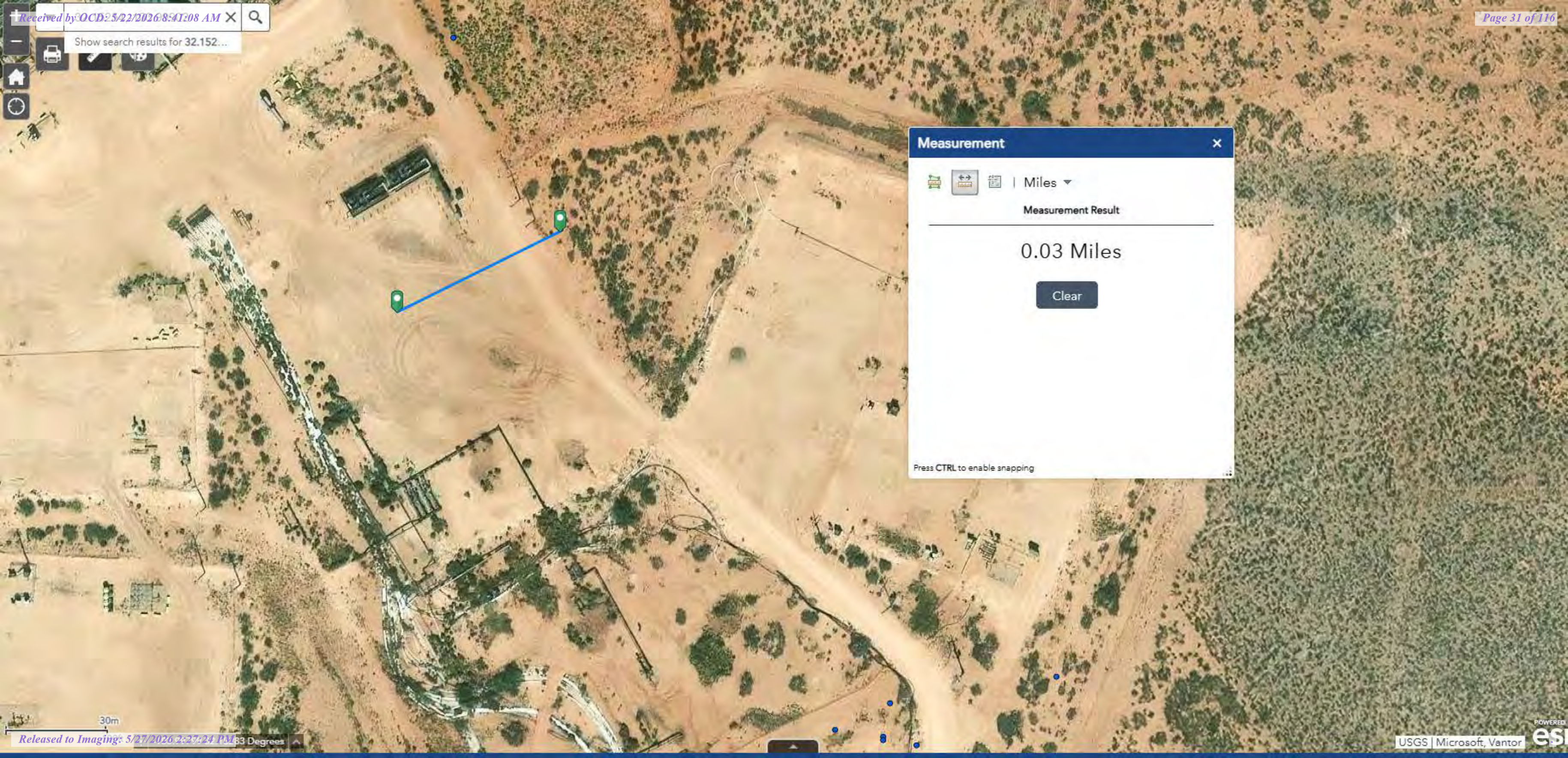
United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

PLATE 2

Show search results for 32.152...



Measurement [Close]

| Miles [Dropdown]

Measurement Result

0.03 Miles

[Clear]

Press CTRL to enable snapping

30m



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 6 (MW06)		WELL TAG ID NO		OSE FILE NO(S) C-4324			
	WELL OWNER NAME(S) XTO Energy, Inc.				PHONE (OPTIONAL) 432-221-7331			
	WELL OWNER MAILING ADDRESS 522 W Mermond, Suite 704				CITY Carlsbad	STATE NM	ZIP 88220	
	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES 32	MINUTES 9	SECONDS 4.93	N		
	LONGITUDE	103	59	51.12	W			
* ACCURACY REQUIRED: ONE TENTH OF A SECOND								
* DATUM REQUIRED: WGS 84								
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE North West Quarter of North West Quarter of Section 9, Township 25 South, Range 29 East, Eddy County, New Mexico								
2. DRILLING & CASING INFORMATION	LICENSE NO 1664		NAME OF LICENSED DRILLER Shawn Cain			NAME OF WELL DRILLING COMPANY Cascade Drilling		
	DRILLING STARTED 7/18/2019	DRILLING ENDED 7/18/2019	DEPTH OF COMPLETED WELL (FT) 62	BORE HOLE DEPTH (FT) 70	DEPTH WATER FIRST ENCOUNTERED (FT) 61			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 56			
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD		ADDITIVES - SPECIFY					
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY		Sonic					
	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	70	6					
	0	47	6	2" PVC Blank	Flush Thread SCH 40	.0267	.154	
	47	62	6	2" PVC Screen	Flush Thread SCH 40	.0267	.154	.020
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						
	0	2	6	Concrete	5	Poured		
	2	45	6	Bentonite Chips	7.5	Poured		
	45	70	6	12-20 Sand	6	Poured		

FOR OSE INTERNAL USE

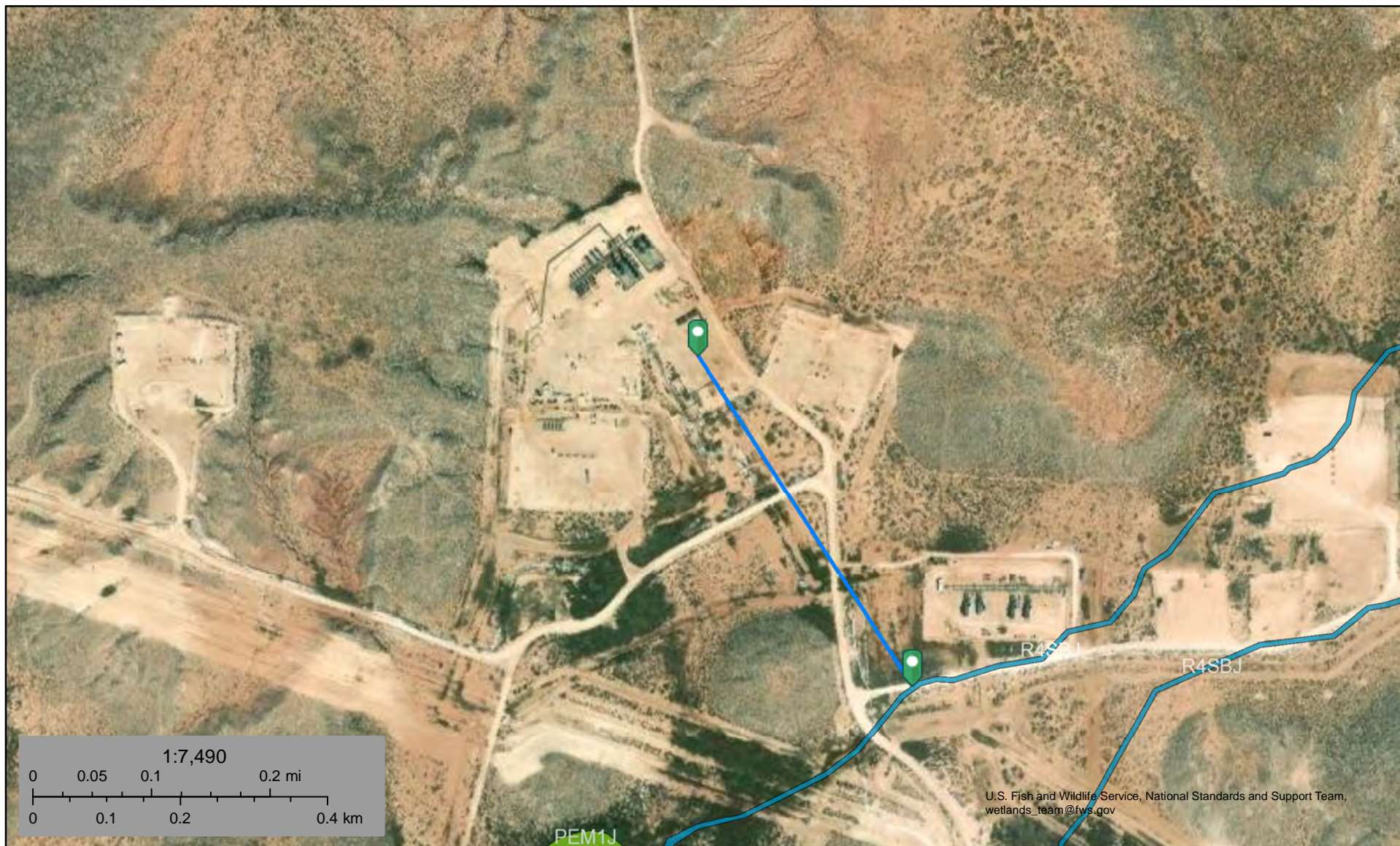
WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. C-4324	POD NO. 4	TRN NO. 054446
LOCATION 25S.29E.9.111	WELL TAG ID NO.	PAGE 1 OF 2

PLATE 3



3.1 - 1,401ft Nearest Watercourse



April 13, 2026

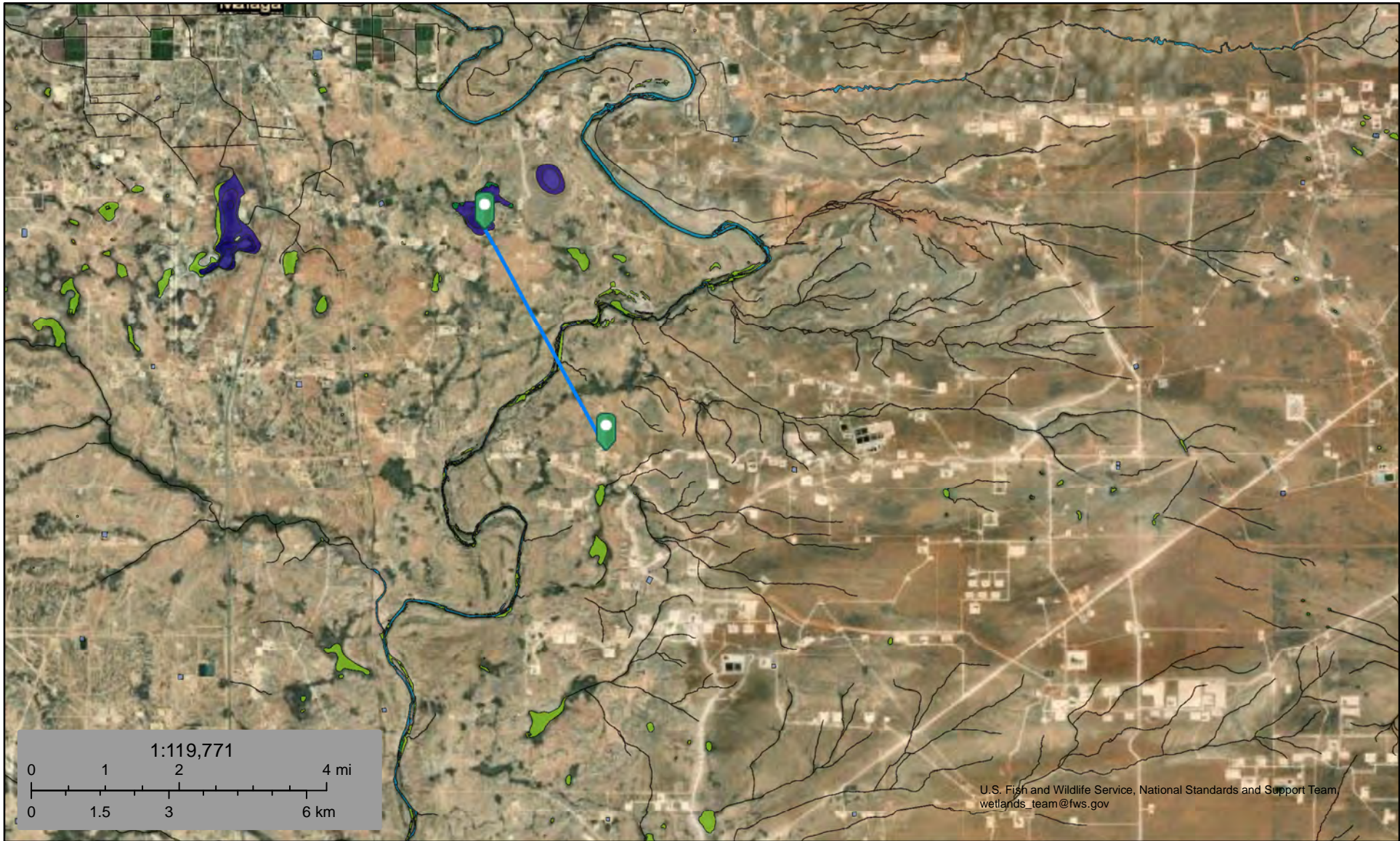
Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Estuarine and Marine 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.



3.2 - Lake 15,253 ft



April 15, 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.

3.3 - Guy Spring 20,341 ft

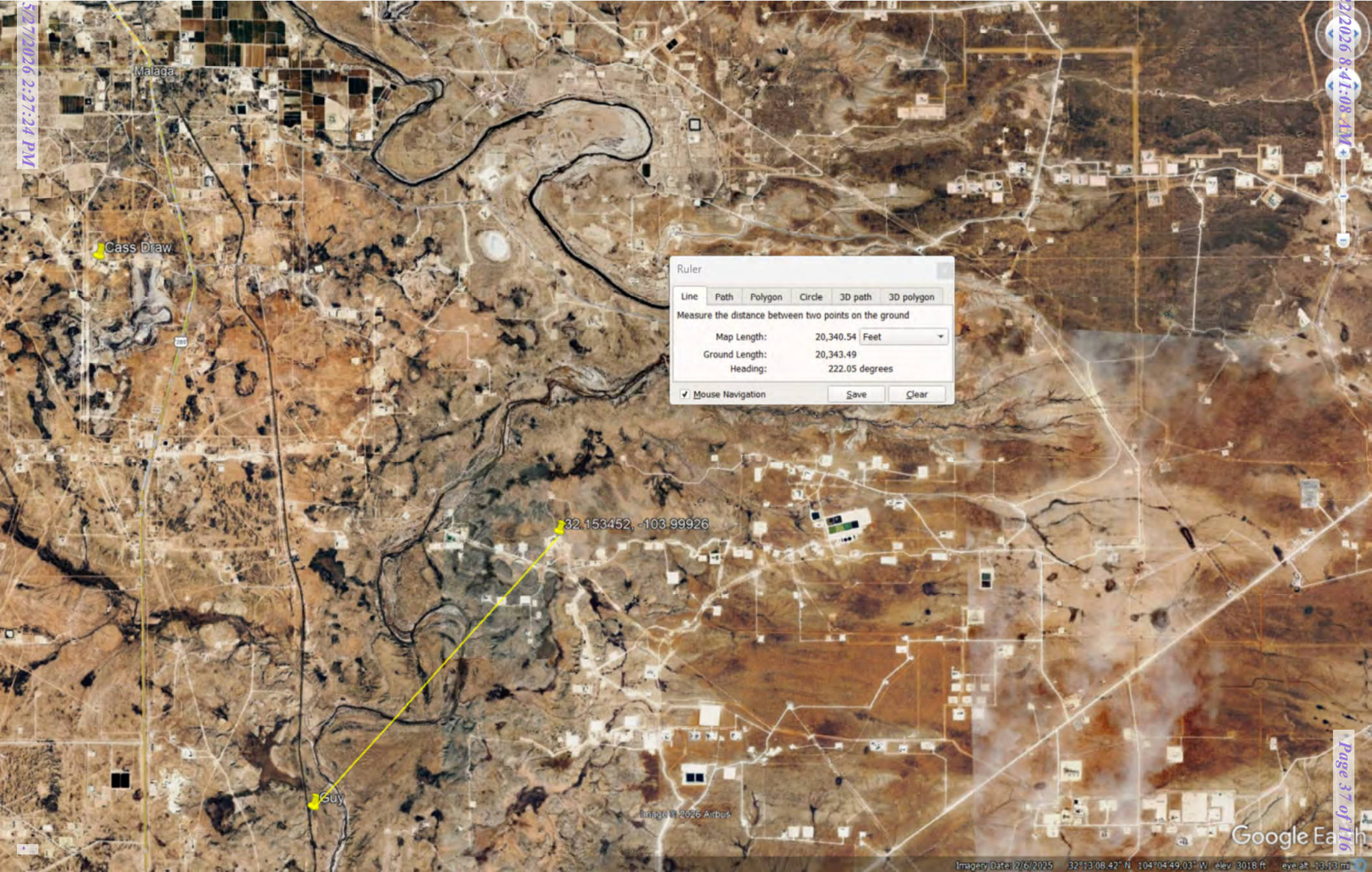


PLATE 4

Residence 23,556 ft



PLATE 5



Wetland 2,155 ft



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

April 15, 2026

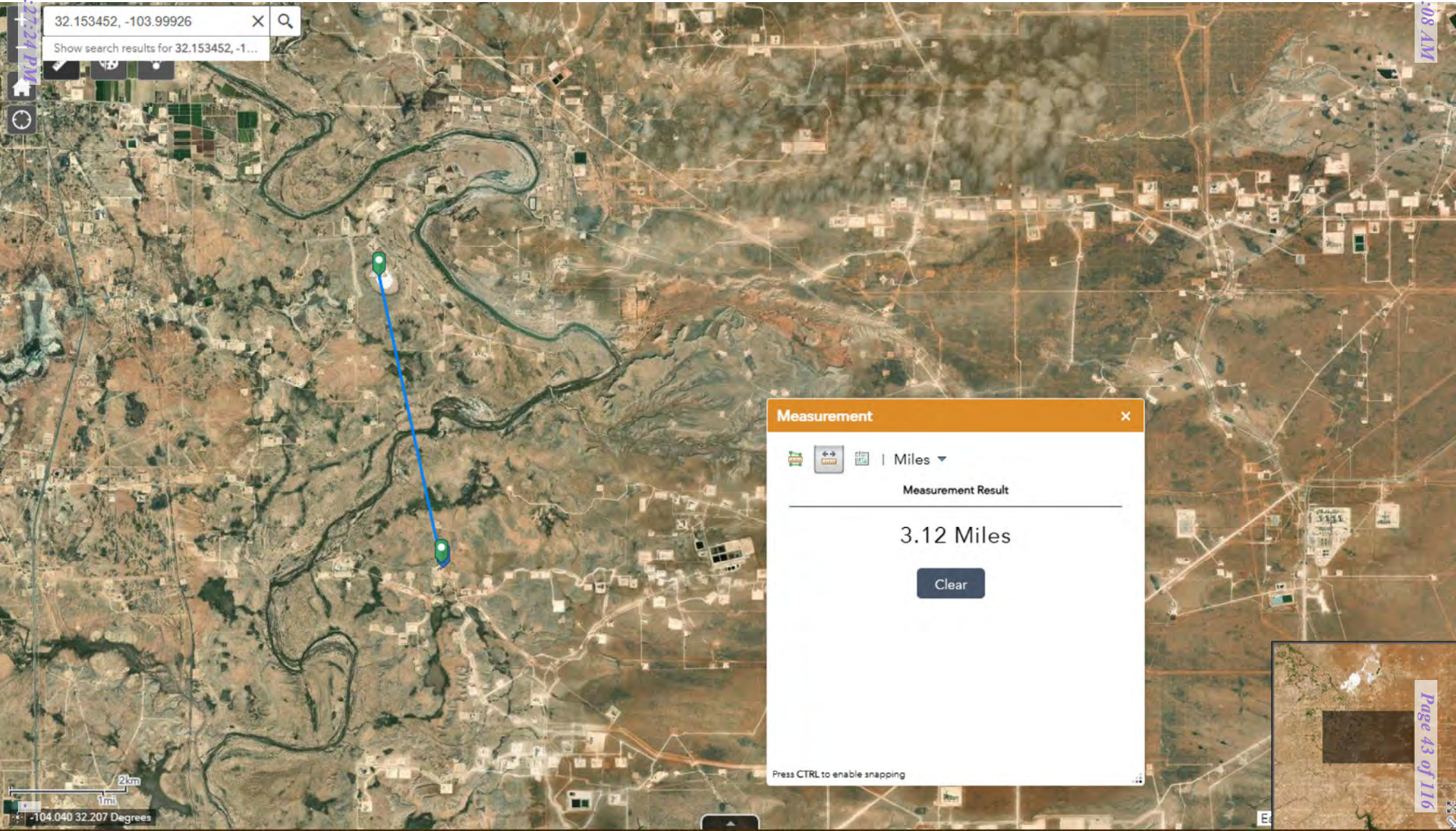
Wetlands

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

PLATE 6

Nearest Registered Mine 16,447.5 ft



Nearest Subsurface Mine 15.1 miles

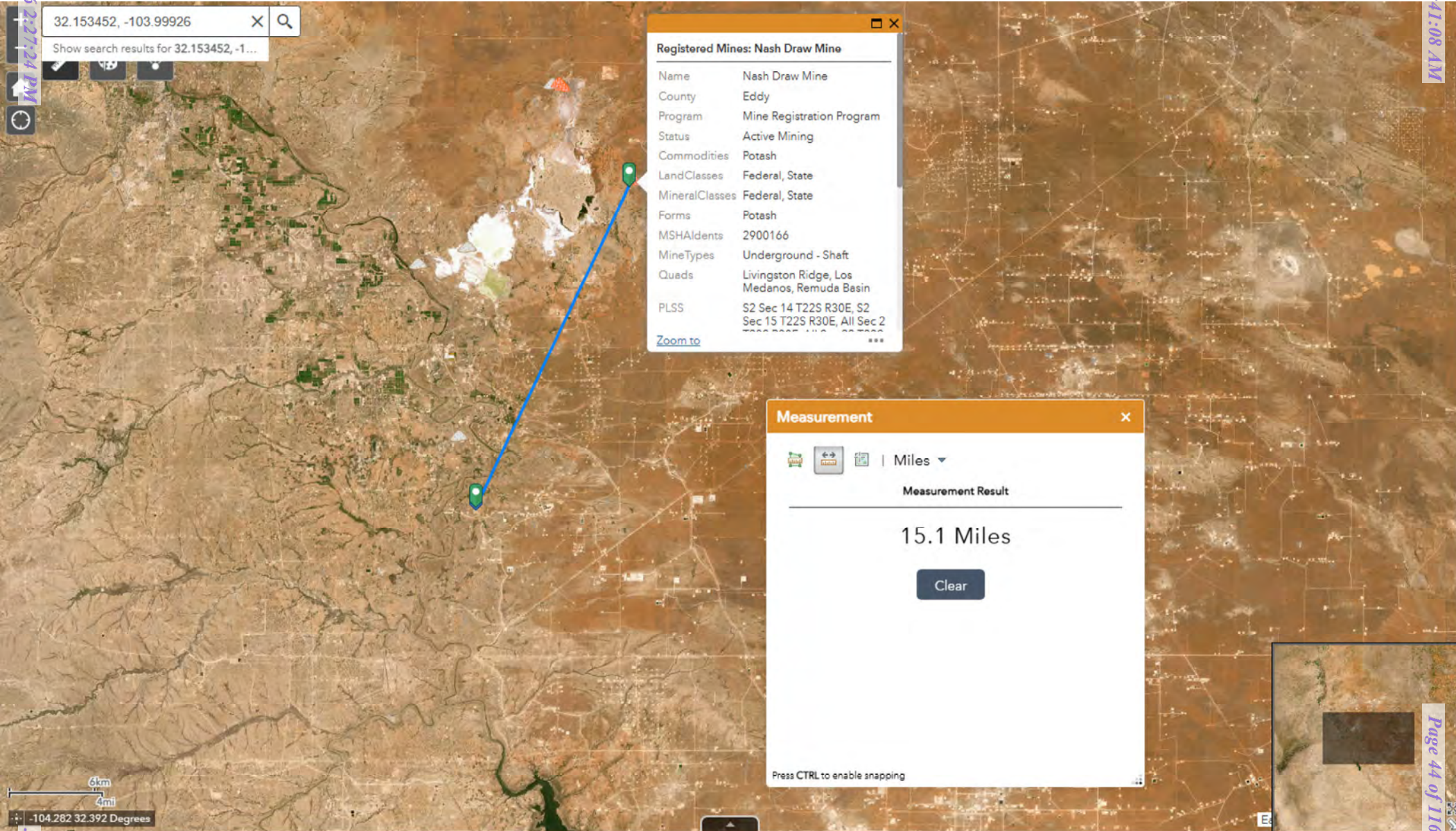
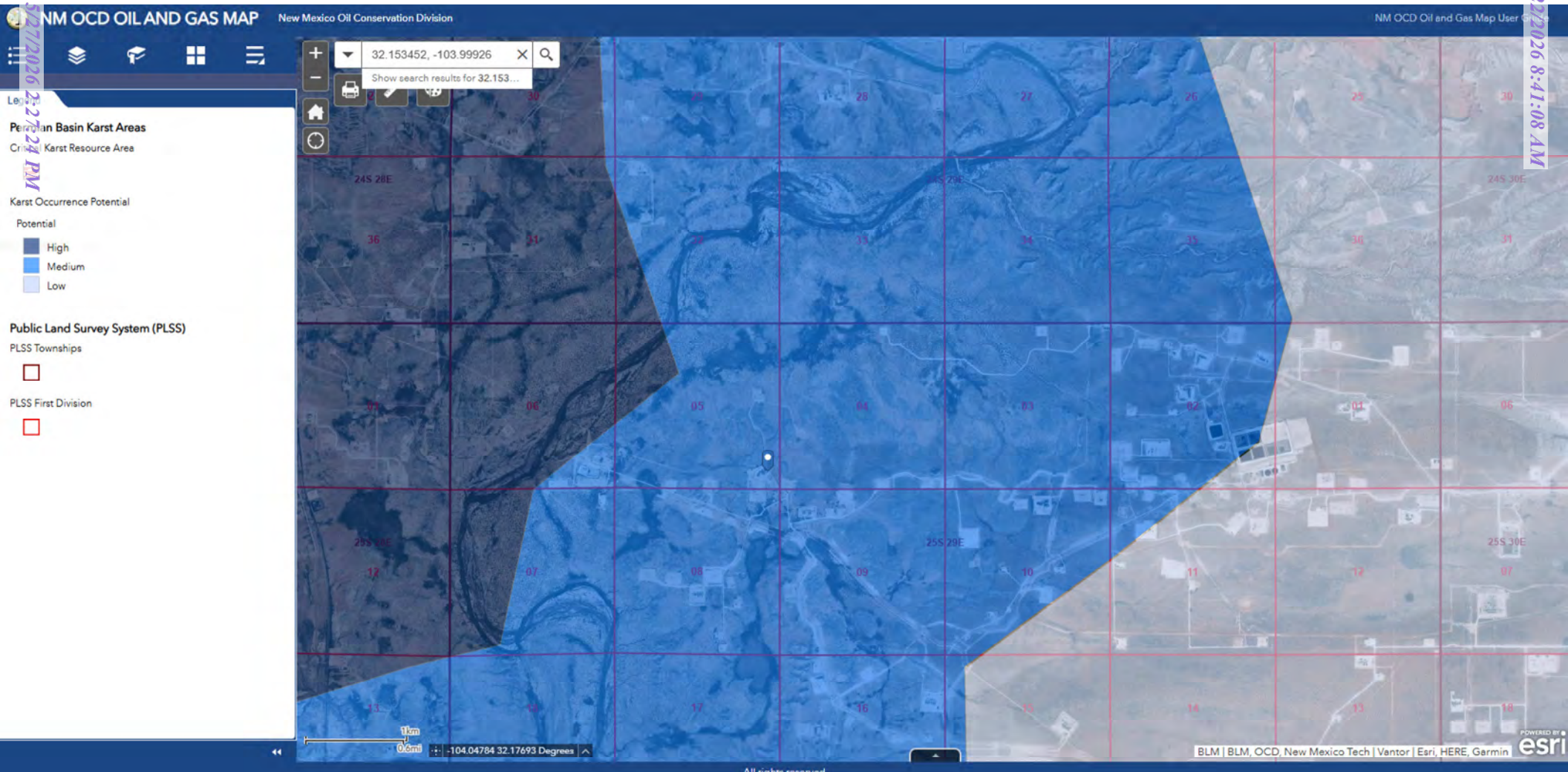


PLATE 7

Medium Karst



4,925 ft Between Release and Nearest Unstable Area

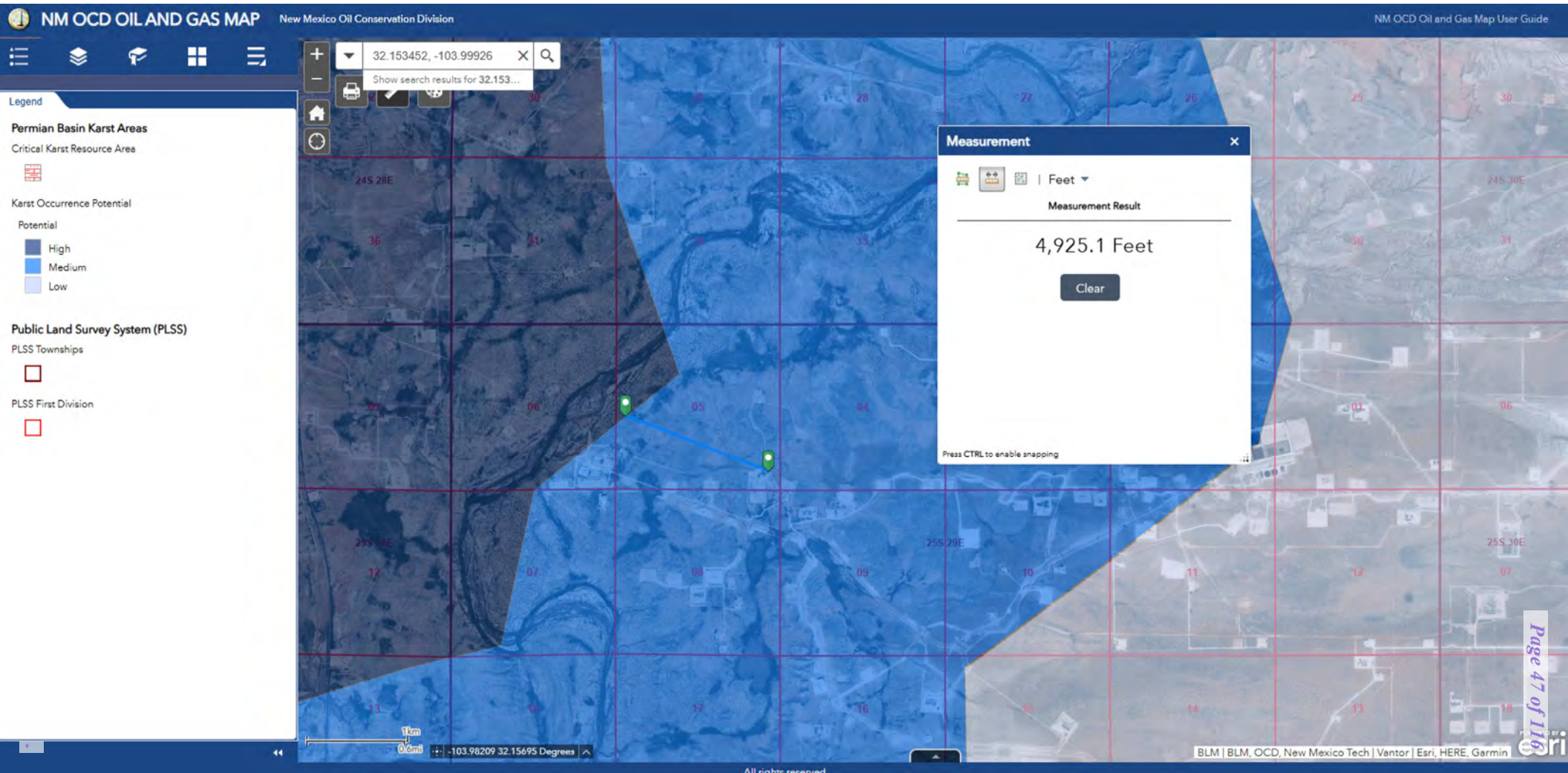


PLATE 8

National Flood Hazard Layer FIRMette



104°0'16"W 32°9'28"N



Legend

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

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
 - OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
 - OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
 - GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
 - OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
 - MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



1:6,000

103°59'39"W 32°8'57"N

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 4/15/2026 at 3:34 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.

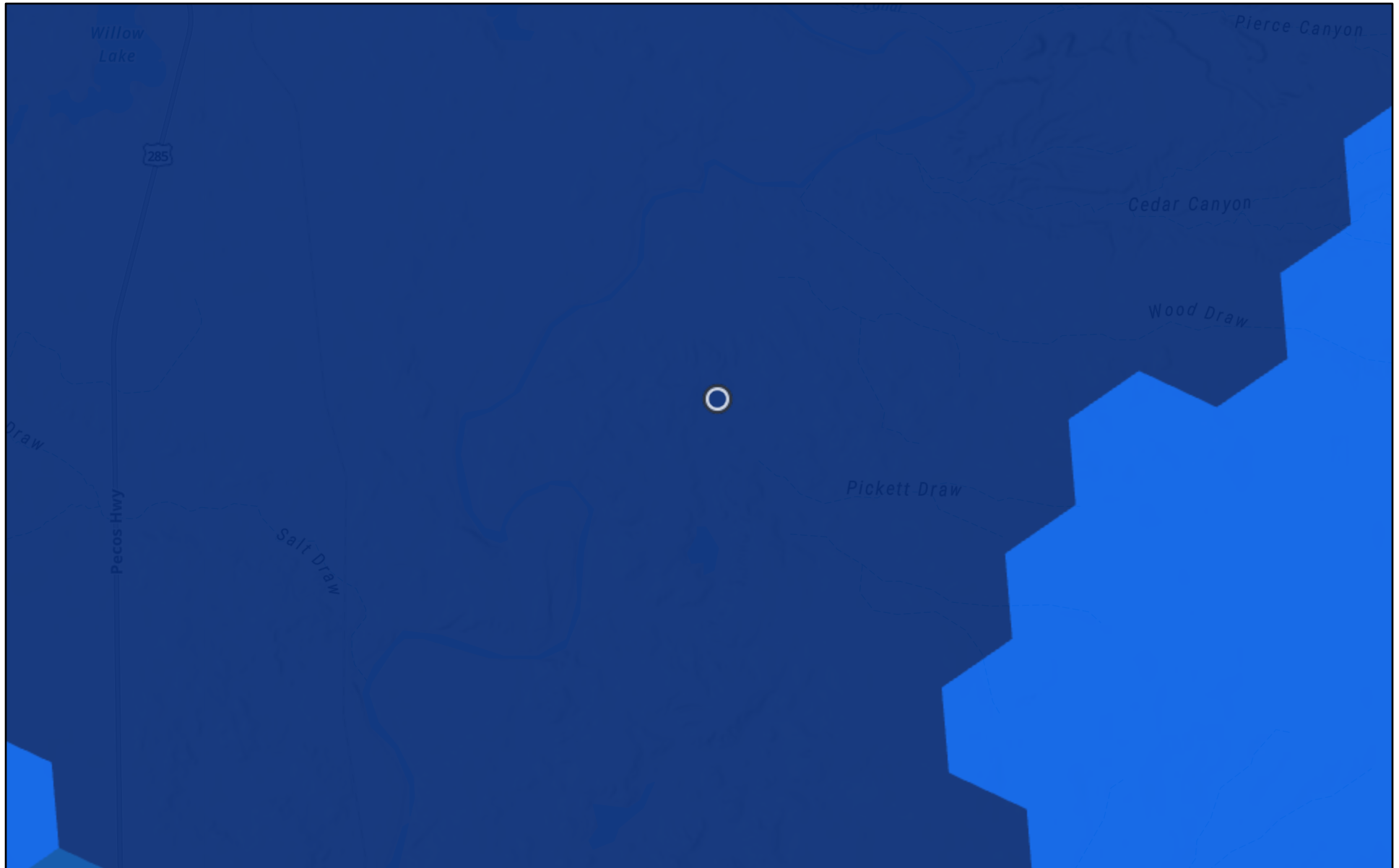
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

1,861 ft Between Release and Nearest FEMA Zone A (100-year Floodplain)






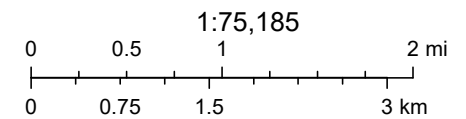
APPENDIX B. BIOLOGICAL REVIEW

Corral Canyon Expansion



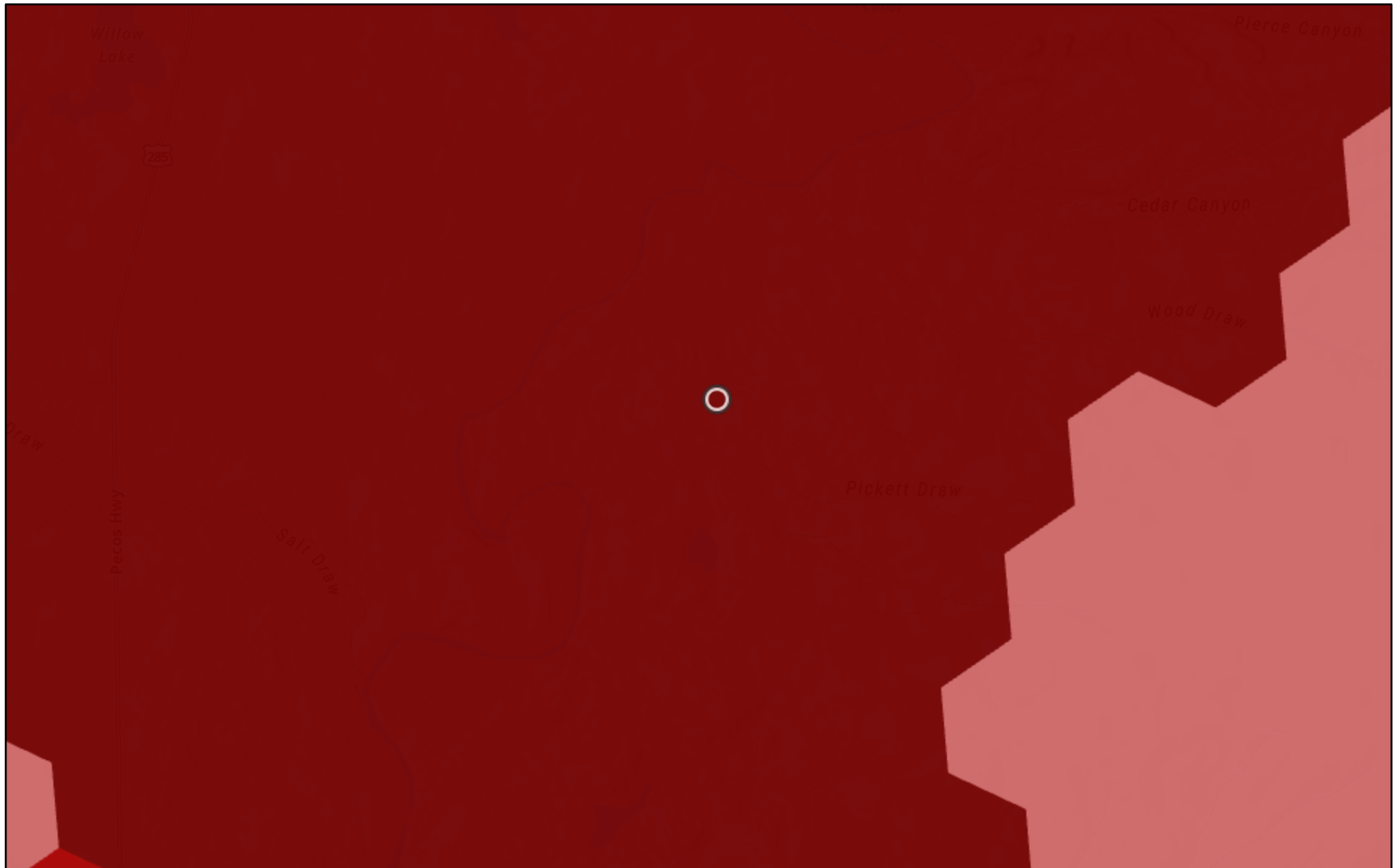
4/17/2026

Crucial Habitat (2024)  2  3
 1



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

Corral Canyon Expansion



4/17/2026

Species of Concern (2024)

Dark Red	1
Light Red	3

1:75,185

0 0.5 1 2 mi

0 0.75 1.5 3 km

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:
Project Code: 2026-0078137
Project Name: Corral Canyon Expansion

04/17/2026 16:51:12 UTC

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: 2026-0078137

04/17/2026 16:51:12 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: 2026-0078137

04/17/2026 16:51:12 UTC

PROJECT SUMMARY

Project Code: 2026-0078137
Project Name: Corral Canyon Expansion
Project Type: General NRDAR/Spill Response/Environmental Contaminants
Project Description: Release remediation activities
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@32.1515807,-103.99817799423349,14z>



Counties: Eddy County, New Mexico

ENDANGERED SPECIES ACT SPECIES

There is a total of 4 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: 2026-0078137

04/17/2026 16:51:12 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/X5RYE35FQZEU7CYISYZEA5HRKM/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

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/X5RYE35FQZEU7CYISYZEA5HRKM/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: 2026-0078137

04/17/2026 16:51:12 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



26A-02249

Ecological Review & Summary

Corral Canyon Expansion

Incident id: nAPP2610335677

Coordinates: 32.15254, -103.99902

Prepared for:

ExxonMobil Production Company

Prepared by:

Vertex Resource Services Inc.

Becca Stallings

April 23, 2026

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

Date

The proximity of the site to the closest receiving waterbody, listed in the National Wetland Inventory Mapper as an intermittent riverine streambed that is intermittently flooded (R4SBJ), is approximately 1,401 feet to the southeast, and the closest wetland, intermittently flooded and persistent palustrine emergent wetland (PEM1J), is roughly 2,155 feet to the south. The site generally slopes in the southeast direction. However, due to the distance from the site and the release occurring within the boundaries of the existing pad, 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 fan piedmonts and 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, 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: Corral Canyon Expansion

04/14/2026

Location: Default Site Location

By: Riley Arnold

Table with 4 columns: Field Name, Value, Field Name, Value. Includes Weather (Cloudy), Staff On-site (Riley Arnold), Staff From Time (09:00), Tailgate meeting conducted (NA), Contractor, Contractor Crew, Equipment On Site (Hand tools), Incident ID Number (nAPP2610335677).

Work Summary:

Map spill/ 811

Time Observations

10:30:49 Travel to site/ safety paperwork

10:31:00 Spill mapped

10:31:09 Proposed sample points added to map

10:31:20 811 flags placed

10:31:30 811 call placed

10:31:38 Delineation sampling event requested

Inspector: Riley Arnold



Daily Field Log
Site: Corral Canyon Expansion

Pictures/Attachments

Date: 4/14/2026
Time: 10:35
Notes: 811 flags placed
Latitude: 32.15333888888889
Longitude: -103.99959444444444
Direction: E



Default Site Location | Lat: 32.15334, Lon: -103.99959 | Azimuth: 112.7° SE, Tue, Apr 14, 2026 10

Date: 4/14/2026
Time: 10:40
Notes: Spill mapped
Latitude: 32.153327777777776
Longitude: -103.99938888888889
Direction: N



Default Site Location | Lat: 32.15333, Lon: -103.99939 | Azimuth: 16.7° N, Tue, Apr 14, 2026 10



Daily Field Log
Site: Corral Canyon Expansion

Pictures/Attachments

Date: 4/14/2026
Time: 10:40
Notes: Spill mapped
Latitude: 32.15332777777776
Longitude: -103.99938888888889
Direction: S





Daily Field Log
Site: Corral Canyon Expansion

04/17/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	09:00	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2610335677

Work Summary:

Delineation

Time	Observations
09:49:33	Travel to site/ safety paperwork
09:49:52	BH26-01 through BH26 -06 were collected at 0'
09:50:32	BH26-05 and BH26-06 were collected at 1' nd 2'
12:12:51	Samples were field screened
12:13:03	BH26-01 exceeded site criteria and was stepped back
12:13:38	BH26-05 and BH26-06 exceeded site criteria at 1.5 and 2'
12:14:49	BH26-05 and BH26-06 were taken to refusal depth
12:15:15	Samples were field screened, BH26-01 step out exceeded site criteria again. BH26-06 met site criteria at 2.5' Refusal BH26-05 exceeded site criteria at 3' Refusal
12:16:15	BH26-07 was added to map and placed west of BH26-01
12:16:53	BH26-07 was collected at 0'
12:17:14	BH26-01 through BH26-04 were collected at 1'
15:39:41	BH26-07 will need to be stepped out
15:40:00	BH256-05 will require mechanical delineation

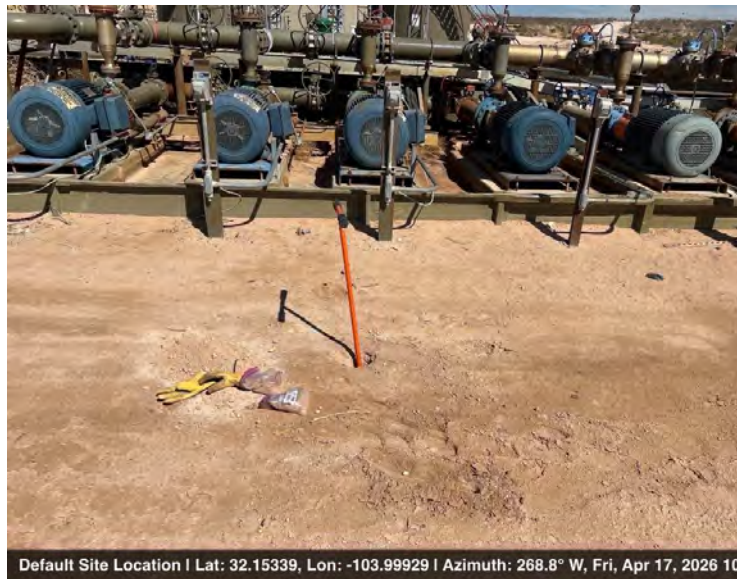


Daily Field Log
Site: Corral Canyon Expansion

Inspector: Riley Arnold

Pictures/Attachments

Date: 4/17/2026
Time: 10:22
Notes: BH26-05 @ 1'
BH26-05 @ 2'
Latitude: 32.153391666666664
Longitude: -103.99928888888888
Direction: W



Date: 4/17/2026
Time: 10:34
Notes: BH26-06 @ 1'
BH26-06 @ 1.5
Latitude: 32.153083333333335
Longitude: -103.99948055555555
Direction: N





Daily Field Log
Site: Corral Canyon Expansion

Pictures/Attachments

Date: 4/17/2026
Time: 11:45
Notes: BH26-06 @ 2.5 Refusal
Latitude: 32.15345277777778
Longitude: -103.99928888888888
Direction: W



Default Site Location | Lat: 32.15345, Lon: -103.99929 | Azimuth: 243.3° SW, Fri, Apr 17, 2026 11:45 AM

Date: 4/17/2026
Time: 11:49
Notes: BH26-05 @ 3' Refusal
Latitude: 32.15338888888889
Longitude: -103.99940555555555
Direction: NE



Default Site Location | Lat: 32.15339, Lon: -103.99941 | Azimuth: 58.9° NE, Fri, Apr 17, 2026 11:49 AM



Daily Field Log

Site: Corral Canyon Expansion

Pictures/Attachments

Date: 4/17/2026
 Time: 11:52
 Notes: BH26-01 was stepped back approximately 10'
 Latitude: 32.153349999999996
 Longitude: -103.99952777777779
 Direction: E



Default Site Location | Lat: 32.15335, Lon: -103.99953 | Azimuth: 79.0° E, Fri, Apr 17, 2026 11:52

Date: 4/17/2026
 Time: 12:47
 Notes: BH26-04 @ 1'
 Latitude: 32.153183333333333
 Longitude: -103.999488888888889
 Direction: SW



Default Site Location | Lat: 32.15318, Lon: -103.99949 | Azimuth: 226.7° SW, Fri, Apr 17, 2026 12:47



Daily Field Log
Site: Corral Canyon Expansion

Pictures/Attachments

Date: 4/17/2026
Time: 12:34
Notes: BH26-07 @ 0'
Latitude: 32.15328888888889
Longitude: -103.99948888888889
Direction: E



Default Site Location | Lat: 32.15329, Lon: -103.99949 | Azimuth: 96.8° E, Fri, Apr 17, 2026 12

Date: 4/17/2026
Time: 12:39
Notes: BH26-02 @ 1'
Latitude: 32.15342777777778
Longitude: -103.999275
Direction: NW



Default Site Location | Lat: 32.15343, Lon: -103.99927 | Azimuth: 322.1° NW, Fri, Apr 17, 2026 12



Daily Field Log
Site: Corral Canyon Expansion

Pictures/Attachments

Date: 4/17/2026
Time: 12:44
Notes: BH26-03 @ 1'
Latitude: 32.1530305555555
Longitude: -103.9995722222223
Direction: SW



Default Site Location | Lat: 32.15303, Lon: -103.99957 | Azimuth: 236.1° SW, Fri, Apr 17, 2026 12

Date: 4/17/2026
Time: 10:04
Notes: BH26-01 @ 0'
Latitude: 32.153324999999995
Longitude: -103.999419444444444
Direction: NE



Default Site Location | Lat: 32.15332, Lon: -103.99942 | Azimuth: 41.6° NE, Fri, Apr 17, 2026 10



Daily Field Log
Site: Corral Canyon Expansion

Pictures/Attachments

Date: 4/17/2026
Time: 10:06
Notes: BH26-02 @ 0'
Latitude: 32.15333888888889
Longitude: -103.99934444444445
Direction: N



Default Site Location | Lat: 32.15334, Lon: -103.99934 | Azimuth: 8.5° N, Fri, Apr 17, 2026 10

Date: 4/17/2026
Time: 10:08
Notes: BH26-03 @ 0'
Latitude: 32.15342222222222
Longitude: -103.99928333333334
Direction: SW



Default Site Location | Lat: 32.15342, Lon: -103.99928 | Azimuth: 235.1° SW, Fri, Apr 17, 2026 10



Daily Field Log
Site: Corral Canyon Expansion

Pictures/Attachments

Date: 4/17/2026
Time: 10:11
Notes: BH26-04 @ 0'
Latitude: 32.1534666666667
Longitude: -103.9992527777778
Direction: SW



Date: 4/17/2026
Time: 10:12
Notes: BH26-05 @ 0'
Latitude: 32.153375
Longitude: -103.9993527777778
Direction: W





Daily Field Log
Site: Corral Canyon Expansion

Pictures/Attachments

Date: 4/17/2026
Time: 10:14
Notes: BH26-06 @ 0'
Latitude: 32.153441666666666
Longitude: -103.99932777777778
Direction: SW





Daily Field Log
Site: Corral Canyon Expansion

04/24/2026

Location: Default Site Location

By: Riley Arnold

Table with 4 columns: Field Name, Value, Field Name, Value. Includes Weather (Clear), Staff On-site (Riley Arnold), Contractor (Tex Mex Construction), Staff From Time (08:32), Tailgate meeting conducted (Yes), Contractor Crew (Peter and crew), Equipment On Site (Backhoe), Incident ID Number (nAPP2610335677).

Work Summary:

Mechanical delineation

Time Observations

- 10:07:50 Travel to site/ safety paperwork/ tailgate safety meeting
10:08:08 Waited until 10 for permit to be approved
10:08:20 BH26-05 collected at 4' and 5'
12:20:05 BH26-07 was collected at 0' and 2'
12:20:23 Samples were field screened
12:20:32 BH26-05 as collected at 6' and 6.5' Refusal
12:20:47 BH26-08 was added to map and collected at 1-3' in 1' increments
14:47:50 All test trenches were backfilled
14:48:02 Samples were field screened
14:48:09 Samples were jarred and labeled
14:48:18 Coc's were created

Handwritten signature of Riley Arnold

Inspector: Riley Arnold



Daily Field Log
Site: Corral Canyon Expansion

Pictures/Attachments

Date: 4/24/2026
Time: 10:13
Notes: BH26-05 @ 4'
BH26-05 @ 5'
Latitude: 32.15322222222222
Longitude: -103.99993055555555
Direction: SE



Default Site Location | Lat: 32.15322, Lon: -103.99993 | Azimuth: 149.3° SE, Fri, Apr 24, 2026 10

Date: 4/24/2026
Time: 10:26
Notes: BH26-07 @ 0'
BH26-07 @ 2'
Latitude: 32.15309444444444
Longitude: -103.99967222222222
Direction: W



Default Site Location | Lat: 32.15309, Lon: -103.99967 | Azimuth: 274.3° W, Fri, Apr 24, 2026 10



Daily Field Log
Site: Corral Canyon Expansion

Pictures/Attachments

Date: 4/24/2026
Time: 12:19
Notes: BH26-05 @ 6'
BH26-05 @ 6.5' Refusal
Latitude: 32.15289722222222
Longitude: -103.99952777777779
Direction: S



Default Site Location | Lat: 32.15290, Lon: -103.99953 | Azimuth: 206.4° SW, Fri, Apr 24, 2026 12:19

Date: 4/24/2026
Time: 12:39
Notes: BH26-08 @ 1'
BH26-08 @ 2'
BH26-08 @ 3'
Latitude: 32.15334722222222
Longitude: -103.99947222222222
Direction: SE



Default Site Location | Lat: 32.15335, Lon: -103.99947 | Azimuth: 131.0° SE, Fri, Apr 24, 2026 12:39

**APPENDIX D. LABORATORY DATA REPORTS AND
CHAIN OF CUSTODY FORMS**



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

April 24, 2026

CHAD HENSLEY

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: CORRAL CANYON EXPANSION

Enclosed are the results of analyses for samples received by the laboratory on 04/20/26 11:40.

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".

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:	04/20/2026	Sampling Date:	04/17/2026
Reported:	04/24/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON EXPANSION	Sampling Condition:	Cool & Intact
Project Number:	26A - 02249	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

Sample ID: BH26 - 01 @ 0' (H262256-01)

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	04/22/2026	ND	2.18	109	2.00	0.537	
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724	
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553	
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735	
Total BTEX	<0.300	0.300	04/22/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	7920	16.0	04/21/2026	ND	416	104	400	7.41	

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	04/22/2026	ND	196	97.9	200	3.74	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	195	97.5	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 73.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.9 % 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:	04/20/2026	Sampling Date:	04/17/2026
Reported:	04/24/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON EXPANSION	Sampling Condition:	Cool & Intact
Project Number:	26A - 02249	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

Sample ID: BH26 - 02 @ 0' (H262256-02)

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	04/22/2026	ND	2.18	109	2.00	0.537		
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724		
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553		
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735		
Total BTEX	<0.300	0.300	04/22/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	368	16.0	04/21/2026	ND	416	104	400	7.41		

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	04/22/2026	ND	196	97.9	200	3.74		
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	195	97.5	200	4.84		
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND						

Surrogate: 1-Chlorooctane 74.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.1 % 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: 04/20/2026
 Reported: 04/24/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/17/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 02 @ 1' (H262256-03)

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	04/22/2026	ND	2.18	109	2.00	0.537	
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724	
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553	
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735	
Total BTEX	<0.300	0.300	04/22/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	528	16.0	04/21/2026	ND	416	104	400	7.41	

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	04/22/2026	ND	196	97.9	200	3.74	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	195	97.5	200	4.84	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 71.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.7 % 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: 04/20/2026
 Reported: 04/24/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/17/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 03 @ 0' (H262256-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2026	ND	2.18	109	2.00	0.537		
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724		
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553		
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735		
Total BTEX	<0.300	0.300	04/22/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	352	16.0	04/21/2026	ND	416	104	400	7.41		

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	04/21/2026	ND	192	95.8	200	0.351		
DRO >C10-C28*	<10.0	10.0	04/21/2026	ND	177	88.3	200	2.23		
EXT DRO >C28-C36	<10.0	10.0	04/21/2026	ND						

Surrogate: 1-Chlorooctane 65.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.3 % 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: 04/20/2026
 Reported: 04/24/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/17/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 03 @ 1' (H262256-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2026	ND	2.18	109	2.00	0.537		
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724		
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553		
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735		
Total BTEX	<0.300	0.300	04/22/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	384	16.0	04/21/2026	ND	416	104	400	7.41		

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	04/22/2026	ND	192	95.8	200	0.351		
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	177	88.3	200	2.23		
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND						

Surrogate: 1-Chlorooctane 70.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.7 % 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:	04/20/2026	Sampling Date:	04/17/2026
Reported:	04/24/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON EXPANSION	Sampling Condition:	Cool & Intact
Project Number:	26A - 02249	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

Sample ID: BH26 - 04 @ 0' (H262256-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2026	ND	2.18	109	2.00	0.537		
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724		
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553		
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735		
Total BTEX	<0.300	0.300	04/22/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	64.0	16.0	04/21/2026	ND	416	104	400	7.41		

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	04/21/2026	ND	192	95.8	200	0.351		
DRO >C10-C28*	<10.0	10.0	04/21/2026	ND	177	88.3	200	2.23		
EXT DRO >C28-C36	<10.0	10.0	04/21/2026	ND						

Surrogate: 1-Chlorooctane 55.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 52.3 % 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: 04/20/2026
 Reported: 04/24/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/17/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 04 @ 1' (H262256-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/22/2026	ND	2.18	109	2.00	0.537	
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724	
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553	
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735	
Total BTEX	<0.300	0.300	04/22/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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	128	16.0	04/21/2026	ND	416	104	400	7.41	

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	04/21/2026	ND	192	95.8	200	0.351	
DRO >C10-C28*	<10.0	10.0	04/21/2026	ND	177	88.3	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	04/21/2026	ND					

Surrogate: 1-Chlorooctane 62.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 59.0 % 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:	04/20/2026	Sampling Date:	04/17/2026
Reported:	04/24/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON EXPANSION	Sampling Condition:	Cool & Intact
Project Number:	26A - 02249	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

Sample ID: BH26 - 05 @ 0' (H262256-08)

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	04/22/2026	ND	2.18	109	2.00	0.537	
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724	
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553	
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735	
Total BTEX	<0.300	0.300	04/22/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	98400	16.0	04/21/2026	ND	416	104	400	7.41	

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	04/21/2026	ND	192	95.8	200	0.351	
DRO >C10-C28*	<10.0	10.0	04/21/2026	ND	177	88.3	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	04/21/2026	ND					

Surrogate: 1-Chlorooctane 61.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 58.3 % 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:	04/20/2026	Sampling Date:	04/17/2026
Reported:	04/24/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON EXPANSION	Sampling Condition:	Cool & Intact
Project Number:	26A - 02249	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

Sample ID: BH26 - 05 @ 1' (H262256-09)

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	04/22/2026	ND	2.18	109	2.00	0.537		
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724		
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553		
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735		
Total BTEX	<0.300	0.300	04/22/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	6560	16.0	04/21/2026	ND	416	104	400	7.41		

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	04/21/2026	ND	192	95.8	200	0.351		
DRO >C10-C28*	<10.0	10.0	04/21/2026	ND	177	88.3	200	2.23		
EXT DRO >C28-C36	<10.0	10.0	04/21/2026	ND						

Surrogate: 1-Chlorooctane 64.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.4 % 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: 04/20/2026
 Reported: 04/24/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/17/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 05 @ 2' (H262256-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/22/2026	ND	2.18	109	2.00	0.537		
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724		
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553		
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735		
Total BTEX	<0.300	0.300	04/22/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	2560	16.0	04/21/2026	ND	416	104	400	7.41		

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	04/21/2026	ND	192	95.8	200	0.351		
DRO >C10-C28*	<10.0	10.0	04/21/2026	ND	177	88.3	200	2.23		
EXT DRO >C28-C36	<10.0	10.0	04/21/2026	ND						

Surrogate: 1-Chlorooctane 62.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 58.9 % 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: 04/20/2026
 Reported: 04/24/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/17/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 05 @ 3' R (H262256-11)

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	04/22/2026	ND	2.18	109	2.00	0.537	
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724	
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553	
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735	
Total BTEX	<0.300	0.300	04/22/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	4960	16.0	04/21/2026	ND	416	104	400	3.77	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	04/21/2026	ND	192	95.8	200	0.351	
DRO >C10-C28*	<10.0	10.0	04/21/2026	ND	177	88.3	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	04/21/2026	ND					

Surrogate: 1-Chlorooctane 68.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.5 % 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:	04/20/2026	Sampling Date:	04/17/2026
Reported:	04/24/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON EXPANSION	Sampling Condition:	Cool & Intact
Project Number:	26A - 02249	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

Sample ID: BH26 - 06 @ 0' (H262256-12)

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	04/22/2026	ND	2.18	109	2.00	0.537	
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724	
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553	
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735	
Total BTEX	<0.300	0.300	04/22/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	15800	16.0	04/21/2026	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	04/21/2026	ND	192	95.8	200	0.351	
DRO >C10-C28*	178	10.0	04/21/2026	ND	177	88.3	200	2.23	
EXT DRO >C28-C36	32.1	10.0	04/21/2026	ND					

Surrogate: 1-Chlorooctane 54.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.3 % 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:	04/20/2026	Sampling Date:	04/17/2026
Reported:	04/24/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON EXPANSION	Sampling Condition:	Cool & Intact
Project Number:	26A - 02249	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

Sample ID: BH26 - 06 @ 1' (H262256-13)

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	04/22/2026	ND	2.18	109	2.00	0.537		
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724		
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553		
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735		
Total BTEX	<0.300	0.300	04/22/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	720	16.0	04/21/2026	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	04/22/2026	ND	192	95.8	200	0.351		
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	177	88.3	200	2.23		
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND						

Surrogate: 1-Chlorooctane 63.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 61.1 % 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: 04/20/2026
 Reported: 04/24/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/17/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 06 @ 2.5' R (H262256-14)

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	04/22/2026	ND	2.18	109	2.00	0.537	
Toluene*	<0.050	0.050	04/22/2026	ND	2.04	102	2.00	0.0724	
Ethylbenzene*	<0.050	0.050	04/22/2026	ND	1.96	97.8	2.00	0.553	
Total Xylenes*	<0.150	0.150	04/22/2026	ND	5.69	94.8	6.00	0.735	
Total BTEX	<0.300	0.300	04/22/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	272	16.0	04/21/2026	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	04/22/2026	ND	192	95.8	200	0.351	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	177	88.3	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 57.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 53.9 % 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

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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

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

Celey D. Keene, Lab Director/Quality Manager



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		ANALYSIS REQUEST					
Project Manager: Chad Hensley		P.O. #: 1589821001							
Address: 3101 Boyd drive		Company: ExxonMobil							
City: Carlsbad State: NM Zip: 88220		Attn: Dale Woodall							
Phone #: 575-725-5001 Fax #:		Address: 3104 E Greene St							
Project #: 26A-02249 Project Owner:		City: Carlsbad							
Project Name: Corral canyon Expansion		State: NM Zip: 88220							
Project Location:		Phone #:							
Sampler Name: Riley Arnold		Fax #:							

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.			SAMPLING		DATE	TIME	BTEX	TPH	Chloride
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER						
H262256 1	BH26-01 @ 0'	G 1			X					<input checked="" type="checkbox"/>			4.17.26	9:30	X	X	X
2	BH26-02 @ 0'													9:37			
3	BH26-02 @ 1'													9:46			
4	BH26-03 @ 0'													9:57			
5	BH26-03 @ 1'													10:09			
6	BH26-04 @ 0'													10:17			
7	BH26-04 @ 1'													10:24			
8	BH26-05 @ 0'													10:36			
9	BH26-05 @ 1'													10:49			
10	BH26-05 @ 2'													10:58			

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

0402401K

Relinquished By:	Date: 4-20-26	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Time: 7:40	Received By:	All Results are emailed. Please provide Email address: Rarnold@vertexresource.com
Delivered By: (Circle One)	Observed Temp. °C 19	Sample Condition	REMARKS: GFLM: 48605000
Sampler - UPS - Bus - Other:	Corrected Temp. °C 20	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Incident ID: NAPP2610335677
		Yes <input type="checkbox"/> No <input type="checkbox"/>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
			Thermometer ID #140
			Correction Factor -0.6 to 0.1c
			Bacteria (only) Sample Condition
			Cool Intact Observed Temp. °C
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Corrected Temp. °C

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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-02249 Project Owner:
Project Name: Corral Canyon Expansion
Project Location:
Sampler Name: Riley Arnold
BILL TO P.O. #: 1589821001
Company: ExxonMobil
Attn: Dale Woodall
Address: 3104 E Greene St
City: Carlsbad
State: NM Zip: 88220
Phone #:
Fax #:
ANALYSIS REQUEST
FOR LAB USE ONLY
Lab I.D. Sample I.D. (G/RAB OR (C)OMP. # CONTAINERS
MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER
PRESERV. ACID/BASE: ICE / COOL OTHER:
SAMPLING DATE TIME
BTEX TPH Chloride
11 BH26-05 @ 3'R G 1 X X X
12 BH26-06 @ 0' | | |
13 BH26-06 @ 1' | | |
14 BH26-06 @ 2.5'R | | |

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 the client for the analyses.
Relinquished By: [Signature] Date: 4-20-26 Time: 1140
Received By: [Signature] Date: [Blank] Time: [Blank]
Verbal Result: [] Yes [] No Add'l Phone #:
All Results are emailed. Please provide Email address: Rarnold@vertexresource.com
REMARKS: GFLM: 48605000 Incident ID: NAPP2610335677
Delivered By: (Circle One) Observed Temp. °C 19 Sample Condition Cool Intact CHECKED BY: (Initials)
Sampler - UPS - Bus - Other: Corrected Temp. °C 20
Thermometer ID #140 Correction Factor 0.5°C

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



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

May 01, 2026

CHAD HENSLEY

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: CORRAL CANYON EXPANSION

Enclosed are the results of analyses for samples received by the laboratory on 04/27/26 11:51.

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".

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:	04/27/2026	Sampling Date:	04/24/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON EXPANSION	Sampling Condition:	Cool & Intact
Project Number:	26A - 02249	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

Sample ID: BH26 - 05 @ 4' (H262388-01)

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	04/27/2026	ND	2.08	104	2.00	2.49		
Toluene*	<0.050	0.050	04/27/2026	ND	1.96	98.1	2.00	2.27		
Ethylbenzene*	<0.050	0.050	04/27/2026	ND	1.90	94.9	2.00	2.52		
Total Xylenes*	<0.150	0.150	04/27/2026	ND	5.50	91.7	6.00	2.56		
Total BTEX	<0.300	0.300	04/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	688	16.0	04/27/2026	ND	432	108	400	3.64		

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	04/27/2026	ND	214	107	200	3.10		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	201	100	200	2.97		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 79.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.3 % 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: 04/27/2026
 Reported: 05/01/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/24/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 05 @ 6' (H262388-02)

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	04/27/2026	ND	2.08	104	2.00	2.49		
Toluene*	<0.050	0.050	04/27/2026	ND	1.96	98.1	2.00	2.27		
Ethylbenzene*	<0.050	0.050	04/27/2026	ND	1.90	94.9	2.00	2.52		
Total Xylenes*	<0.150	0.150	04/27/2026	ND	5.50	91.7	6.00	2.56		
Total BTEX	<0.300	0.300	04/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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	2740	16.0	04/27/2026	ND	432	108	400	3.64		

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	04/27/2026	ND	214	107	200	3.10		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	201	100	200	2.97		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 77.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.5 % 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: 04/27/2026
 Reported: 05/01/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/24/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 05 @ 6.5'R (H262388-03)

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	04/27/2026	ND	2.08	104	2.00	2.49		
Toluene*	<0.050	0.050	04/27/2026	ND	1.96	98.1	2.00	2.27		
Ethylbenzene*	<0.050	0.050	04/27/2026	ND	1.90	94.9	2.00	2.52		
Total Xylenes*	<0.150	0.150	04/27/2026	ND	5.50	91.7	6.00	2.56		
Total BTEX	<0.300	0.300	04/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	368	16.0	04/27/2026	ND	432	108	400	3.64		

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	04/27/2026	ND	214	107	200	3.10		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	201	100	200	2.97		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 79.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.1 % 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: 04/27/2026
 Reported: 05/01/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/24/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 07 @ 0' (H262388-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2026	ND	2.08	104	2.00	2.49		
Toluene*	<0.050	0.050	04/27/2026	ND	1.96	98.1	2.00	2.27		
Ethylbenzene*	<0.050	0.050	04/27/2026	ND	1.90	94.9	2.00	2.52		
Total Xylenes*	<0.150	0.150	04/27/2026	ND	5.50	91.7	6.00	2.56		
Total BTEX	<0.300	0.300	04/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	32.0	16.0	04/27/2026	ND	432	108	400	3.64		

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	04/27/2026	ND	214	107	200	3.10		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	201	100	200	2.97		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 81.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.8 % 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:	04/27/2026	Sampling Date:	04/24/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON EXPANSION	Sampling Condition:	Cool & Intact
Project Number:	26A - 02249	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

Sample ID: BH26 - 07 @ 2' (H262388-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2026	ND	2.08	104	2.00	2.49		
Toluene*	<0.050	0.050	04/27/2026	ND	1.96	98.1	2.00	2.27		
Ethylbenzene*	<0.050	0.050	04/27/2026	ND	1.90	94.9	2.00	2.52		
Total Xylenes*	<0.150	0.150	04/27/2026	ND	5.50	91.7	6.00	2.56		
Total BTEX	<0.300	0.300	04/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	48.0	16.0	04/27/2026	ND	432	108	400	3.64		

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	04/27/2026	ND	214	107	200	3.10		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	201	100	200	2.97		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 81.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.3 % 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: 04/27/2026
 Reported: 05/01/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/24/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 08 @ 1' (H262388-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2026	ND	2.08	104	2.00	2.49		
Toluene*	<0.050	0.050	04/27/2026	ND	1.96	98.1	2.00	2.27		
Ethylbenzene*	<0.050	0.050	04/27/2026	ND	1.90	94.9	2.00	2.52		
Total Xylenes*	<0.150	0.150	04/27/2026	ND	5.50	91.7	6.00	2.56		
Total BTEX	<0.300	0.300	04/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	2290	16.0	04/27/2026	ND	432	108	400	3.64		

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	04/27/2026	ND	214	107	200	3.10		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	201	100	200	2.97		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 79.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.2 % 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: 04/27/2026
 Reported: 05/01/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/24/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 08 @ 2' (H262388-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/27/2026	ND	2.08	104	2.00	2.49	
Toluene*	<0.050	0.050	04/27/2026	ND	1.96	98.1	2.00	2.27	
Ethylbenzene*	<0.050	0.050	04/27/2026	ND	1.90	94.9	2.00	2.52	
Total Xylenes*	<0.150	0.150	04/27/2026	ND	5.50	91.7	6.00	2.56	
Total BTEX	<0.300	0.300	04/27/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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	1340	16.0	04/27/2026	ND	432	108	400	3.64	

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	04/27/2026	ND	214	107	200	3.10	
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	201	100	200	2.97	
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND					

Surrogate: 1-Chlorooctane 77.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.5 % 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: 04/27/2026
 Reported: 05/01/2026
 Project Name: CORRAL CANYON EXPANSION
 Project Number: 26A - 02249
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 04/24/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 08 @ 3' (H262388-08)

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	04/27/2026	ND	2.08	104	2.00	2.49		
Toluene*	<0.050	0.050	04/27/2026	ND	1.96	98.1	2.00	2.27		
Ethylbenzene*	<0.050	0.050	04/27/2026	ND	1.90	94.9	2.00	2.52		
Total Xylenes*	<0.150	0.150	04/27/2026	ND	5.50	91.7	6.00	2.56		
Total BTEX	<0.300	0.300	04/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	320	16.0	04/27/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 76.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.6 % 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

Notes and Definitions

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

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Vertex Resource</i>		BILL TO		ANALYSIS REQUEST																																																																																					
Project Manager: <i>Chad Hensley</i>		P.O. #: <i>1589821001</i>		<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																																																																																					
Address: <i>3101 Boyd drive</i>		Company: <i>Exxon/Mobil</i>																																																																																							
City: <i>Carlsbad</i> State: <i>NM</i> Zip: <i>88220</i>		Attn: <i>Dale Woodall</i>																																																																																							
Phone #: <i>575-725-5001</i> Fax #:		Address: <i>3104 E Greene St</i>																																																																																							
Project #: <i>26A-</i> Project Owner:		City: <i>Carlsbad</i>																																																																																							
Project Name: <i>Corral canyon Expansion</i>		State: <i>NM</i> Zip: <i>88220</i>																																																																																							
Project Location:		Phone #:																																																																																							
Sampler Name: <i>Riley Arnold</i>		Fax #:																																																																																							
FOR LAB USE ONLY																																																																																									
Lab I.D.	Sample I.D.	(G)GRAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING																																																																																	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME																																																																											
<i>H262388</i>											<input checked="" type="checkbox"/>																																																																														
<i>1</i>	<i>BH26-05 @ 4'</i>	<i>G</i>	<i>1</i>			<i>X</i>							<i>4.24.26</i>	<i>10:01</i>	<i>X</i>	<i>X</i>	<i>X</i>																																																																								
<i>2</i>	<i>BH26-05 @ 6'</i>													<i>10:17</i>																																																																											
<i>3</i>	<i>BH26-05 @ 6.5'R</i>													<i>10:40</i>																																																																											
<i>4</i>	<i>BH26-07 @ 0'</i>													<i>11:06</i>																																																																											
<i>5</i>	<i>BH26-07 @ 2'</i>													<i>11:21</i>																																																																											
<i>6</i>	<i>BH26-08 @ 1'</i>													<i>12:31</i>																																																																											
<i>7</i>	<i>BH26-08 @ 2'</i>													<i>12:42</i>																																																																											
<i>8</i>	<i>BH26-08 @ 3'</i>													<i>12:50</i>																																																																											

BTEX
TPH
Chloride

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>[Signature]</i>	Date: <i>4-27-26</i>	Received By: <i>[Signature]</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <i>1:51</i>		All Results are emailed. Please provide Email address: <i>Rarnold@vertexresource.com</i>
Relinquished By:	Date:	Received By:	REMARKS: <i>GFLM: 48605000</i>
	Time:		<i>Incident ID: NAPP2610335677</i>
Delivered By: (Circle One)	Observed Temp. °C <i>1.3</i>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C <i>1.4</i>	Checked By: <i>[Signature]</i> (Initials)	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Observed Temp. °C
		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID #140 Correction Factor <i>-0.5°C to 1.0</i>

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

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 587558

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 587558
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2610335677
Incident Name	NAPP2610335677 CORRAL CANYON EXPANSION @ FAPP2123048204
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2123048204] Corral Canyon Expansion

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Corral Canyon Expansion
Date Release Discovered	04/06/2026
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Gasket Produced Water Released: 22 BBL Recovered: 20 BBL Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 587558

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 587558
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

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	<i>Not answered.</i>

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: NMEEnvNotifications@exxonmobil.com Date: 05/22/2026
--	--

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 587558

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 587558
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Between 1 and 5 (mi.)
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	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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

Requesting a remediation plan approval with this submission	Yes
<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)	98400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	210
GRO+DRO (EPA SW-846 Method 8015M)	178
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	05/26/2026
On what date will (or did) the final sampling or liner inspection occur	04/17/2026
On what date will (or was) the remediation complete(d)	04/24/2026
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	6000
What is the estimated volume (in cubic yards) that will be remediated	200

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 4

Action 587558

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 587558
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(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.

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 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: 05/22/2026
--	---

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.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 5

Action 587558

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 587558
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 6

Action 587558

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 587558
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	578040
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/24/2026
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	400

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
--	-----------

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 587558

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 587558
	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. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Collect 5-point confirmation samples every 200 ft2 throughout the entire release area. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. The release should be horizontally delineated up against the secondary containment.	5/27/2026