



26A-00901

Closure Report

PLU 22 DTD CVB

Facility: fAPP2329131432

nAPP2602937605

BLM Lease Number: NMNM105557224

Coordinates: 32.21251, -103.871221

Prepared for:

ExxonMobil Production Company

Prepared by:

Vertex Resource Services Inc.

Date:

May 2026

ExxonMobil Production Company

PLU 22 DTD CVB

Closure Report

May 2026

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PLU 22 DTD CVB

Facility: fAPP2329131432

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BLM Lease Number: NMNM105557224

Coordinates: 32.21251, -103.871221

On behalf of:

ExxonMobil Production Company

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ENVIRONMENTAL FIELD TECHNICIAN, REPORTING

5/21/2026

Date



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5/21/2026

Date

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1.0 Introduction

ExxonMobil Production Company (ExxonMobil) retained Vertex Resource Services Inc. (Vertex) to complete a Closure Report for PLU 22 DTD CVB (the "Site"; Incident ID: nAPP2602937605). This closure report provides a description of remedial activities per the approved remediation plan. The information presented demonstrates that the approved closure criteria were met and all applicable regulations were followed. This document is intended to serve as a final report to obtain approval from Regulatory Agency for closure of the regulatory file. Final surface reclamation will occur when the active production site is no longer in use for oil and gas operations as presented in the approved remediation plan.

2.0 Incident Description

The release occurred on January 26, 2026, due to a freezing valve causing a release. The incident was reported on January 29, 2026, and involved the release of approximately 7 barrels (bbl.) of crude oil on the pad site. No fluid was recovered during initial clean-up. Additional details relevant to the release are presented in the C 141 Report.

Initial site assessment occurred on January 29, 2026, by Vertex personnel. The spill occurred between two compressors and spread northwest, away from production equipment. The spill was mapped and Vertex personnel met with ExxonMobil safety representative to discuss excavation plans and restrictions.

3.0 Site Characteristics

The Site is located approximately 13.5 miles northeast of Malaga, New Mexico, on Bureau of Land Management land.

Lease Holder: ExxonMobil Production Company
Unit Letter N. Section 15, Township 24 South, Range 30 East.
County Name: Eddy
Latitude, Longitude: 32.21251, -103.871221

The Site can be accessed from the intersection of Twin Wells Road and Green Road, travel west on Green Road for 1.5 miles. Turn north onto lease road and continue for 0.34 miles. Turn west onto location. There are no locked gates or other access issues.

The location is typical of oil and gas exploration and production sites in the Permian Basin and is currently used for oil and gas production. The following specifically describes the area on or in proximity to the constructed pad for the Site (Figure 1).

The surrounding landscape is associated with Alluvial fans and Valley plains with elevations ranging between 3,100 and 4,200 feet. The climate is semiarid with average annual precipitation ranging between 10 and 14 inches and classified as "Not prime farmland."

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The surface geology at the site primarily comprises Qep - piedmont alluvial and eolian deposits (Holocene and upper Pleistocene; New Mexico Bureau of Geology and Mineral Resources, 2026) and the soil at the site is characterized as Kermit-Berino fine sands (United States Department of Agriculture, Natural Resources Conservation Service, 2026). Additional soil characteristics include a drainage class of excessively drained with a runoff class of negligible. The karst geology potential for the site is low (United States Department of the Interior, Bureau of Land Management, 2018).

Using information from the United States Department of Agriculture, the dominant vegetation was determined to be grasses with scattered half-shrubs dominate the historic plant community (United States Department of Agriculture, Natural Resources Conservation Service, 2026). Limited to no vegetation is allowed to grow on the compacted production pad, right-of-way and access road.

4.0 Closure Criteria Determination

The nearest active well to the site is a New Mexico Office of the State Engineer (NMOSE) an exploratory well located approximately 0.43 miles southeast of the location. Data from January 16, 2025, shows the NMOSE borehole recorded a depth to groundwater of greater than 104 feet below ground surface (bgs). Information pertaining to the depth to ground water determination is included in Appendix A, Plate 1.

There is no surface water present at the site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is a riverine (National Wetlands Inventory) located approximately 1,420 feet northeast of the Site (United States Fish and Wildlife Service, 2026).

At the Site, there are no continuously flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

Closure criteria determination has been updated to reflect accurate distances and is presented in Table 1. Approved closure criteria are summarized in Table 2.

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Table 1. Closure Criteria Determination			
Site Name: Poker Lake Unit 22 DTC CVB			
Spill Coordinates: 32.21251, -103.871221		X: 606375	Y: 3564549
Site Specific Conditions		Value	Unit
1	Depth to Groundwater (nearest reference)	>104	feet
	Distance between release and nearest DTGW reference	2,287	feet
		0.43	miles
	Date of nearest DTGW reference measurement	January 16, 2025	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	1,420	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	4,859	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	45,939	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	64,650	feet
	ii) Within 1000 feet of any fresh water well or spring	64,650	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	feet
7	Within 300 feet of a wetland	1,420	feet
8	Within the area overlying a subsurface mine	No	feet
	Distance between release and nearest registered mine	21,802	feet
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low
	Distance between release and nearest unstable area	21,982	feet
10	Within a 100-year Floodplain	No	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	2,609	feet
11	Soil Type	Kermit-Berino fine sands	
12	Ecological Classification	R070BD005NM Deep Sand	
13	Geology	piedmont alluvial and eolian deposits	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	>100'	<50' 51-100' >100'

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Table 2. Closure Criteria for Soils Impacted by a Release		
Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
> 100 feet	Chloride	20,000 mg/kg
	TPH (GRO+DRO+MRO)	2,500 mg/kg
	GRO+DRO	1,000 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

TDS – total dissolved solids

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

BTEX – benzene, toluene, ethylbenzene and xylenes

4.1 Conditions of Approval

Conditions of Approval (COA) listed in the approved remediation plan are addressed in the report. The COA include, in order as presented in Section 2:

1. Clarification of Site Characterization – Watercourse (Section 5.1)
2. Clarification of Site Characterization – Playa Lake (Section 5.2)
3. Clarification of Site Characterization – Wetland (Section 5.3)
4. Excavation Depth (Section 5.4)

5.0 Conditions of Approval

The remediation plan was approved with COA on March 12, 2026. The following describes measures taken to meet these conditions.

5.1 Clarification of Site Characterization – Watercourse

With the submission of the remediation work plan, the nearest watercourse to the Site was identified as, “between ½ and 1 mile” on the Site Characterization portion of the C-141. This has been reviewed and updated to, “1000 ft – ½ mile.” The watercourse and its relative location to the Site is presented on Plate 3.1 in Appendix A.

5.2 Clarification of Site Characterization – Playa Lake

With the submission of the remediation work plan, the nearest wetland to the Site was identified as, “Greater than 5 miles” on the Site Characterization portion of the C-141. This has been reviewed and updated to, “Between ½ and 1 mile” The playa lake and its relative location to the Site is presented on second map of Plate 3.2 in of Appendix A.

5.3 Clarification of Site Characterization – Wetland

With the submission of the remediation work plan, the nearest lakebed, sinkhole, or playa lake to the Site was identified as, “Between ½ and 1 mile” on the Site Characterization portion of the C-141. This has been reviewed and

updated to, "Between 1000 ft-1/2 mile" The wetland and its relative location to the Site is presented in Plate 5 of Appendix A.

5.4 Excavation Depth

The COA for proposed excavation depth required the excavation to continue beyond the proposed depth of 1 foot if confirmation samples did not meet the applicable closure criteria limits. Upon remedial activities and confirmations sampling, all laboratory analytical for confirmation samples resulted in constituents of concern below allowable limits.

6.0 Remedial Actions Taken

Remediation efforts began on March 24, 2026, and were finalized on March 30, 2026. Vertex personnel supervised the excavation of impacted soils. Field screening for chlorides and TPH was completed to identify areas requiring additional excavation of impacted soils. Relevant Daily Field Reports (DFRs) documenting various phases of the remediation are presented in Appendix C. Characterization sample results are provided in Table 3.

Impacted soils were removed to a depth of 1 foot bgs. A total of 264 cubic yards of impacted soil was transported by a licensed waste hauler and disposed of at R360 waste management facility.

Notification that confirmatory samples were being collected was provided to the appropriate regulatory agencies and correspondence. Confirmatory composite samples were collected from the base and walls of the excavation to not exceed 200 square foot increments per approved remediation plan. Each sample location is a 5-point composite within the designated grid.

A total of 41 samples, including one backfill sample and one surface sample, were collected for laboratory analysis following NMOCD soil sampling procedures. A surface sample (SS26-01) was collected in the location that excavated material was stored on a liner to ensure no materials had breached the liner onto the production pad surface. Samples were submitted to Cardinal Laboratories under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA SM4500CL-B). A summary of laboratory results is presented in Table 4 and the laboratory data reports are included in Appendix D. All confirmatory samples collected and analyzed were below approved closure criteria.

- Figure 1 shows characterization of the release area
- Figure 2 shows excavation extent and confirmation sample locations

7.0 Surface Restoration

Following remedial activities, restoration to its current use as a production pad took place per approved remediation plan.

The remediated areas were backfilled on April 29, 2026, with clean, non-waste containing, uncontaminated, earthen material.

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8.0 Closure Request

Confirmatory samples were analyzed by laboratory analysis and results found to be below allowable concentrations per the approved closure criteria. Based on these findings, ExxonMobil Production Company respectfully requests that this remediation closure report be approved.

9.0 References

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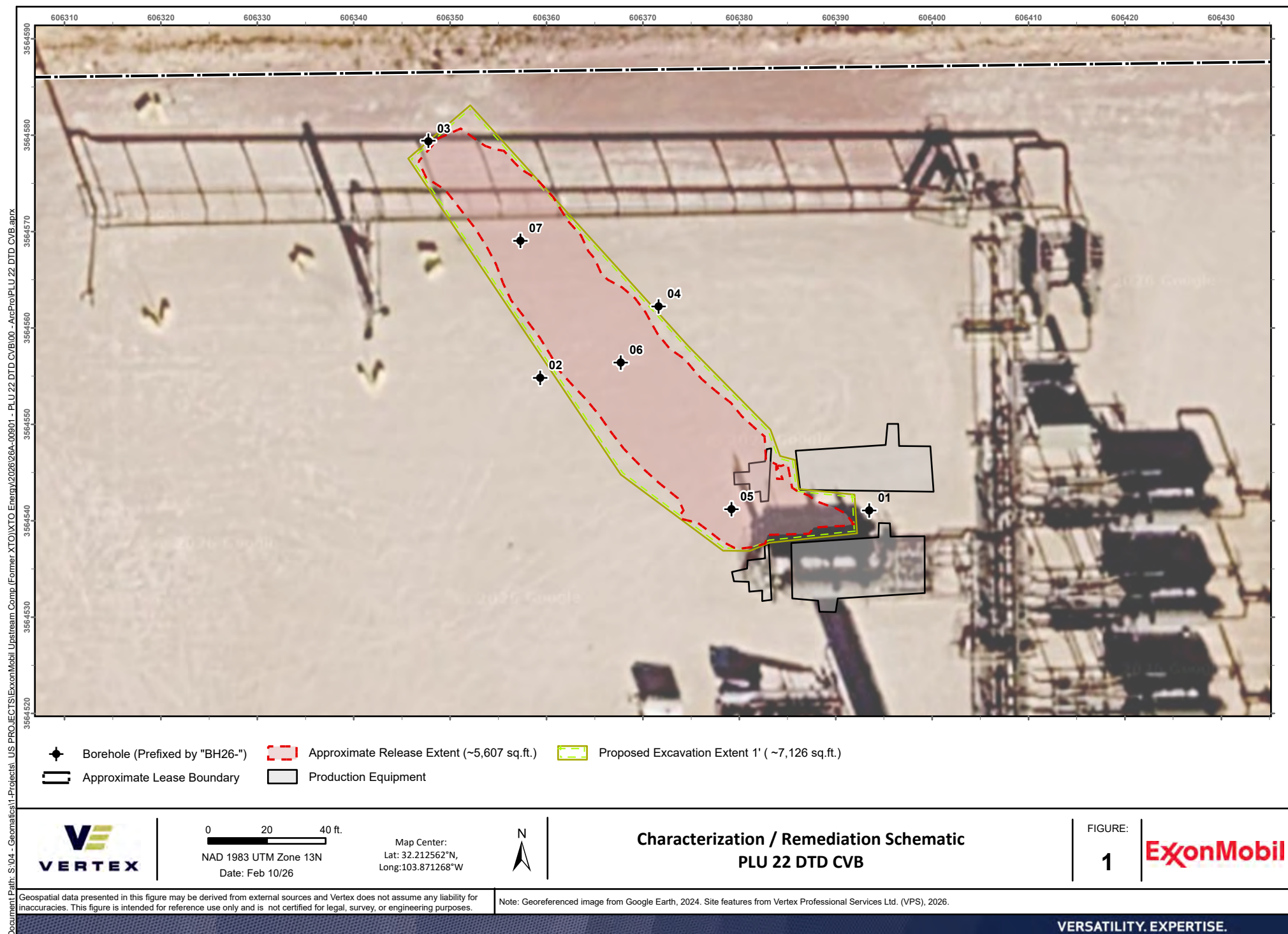
May 2026

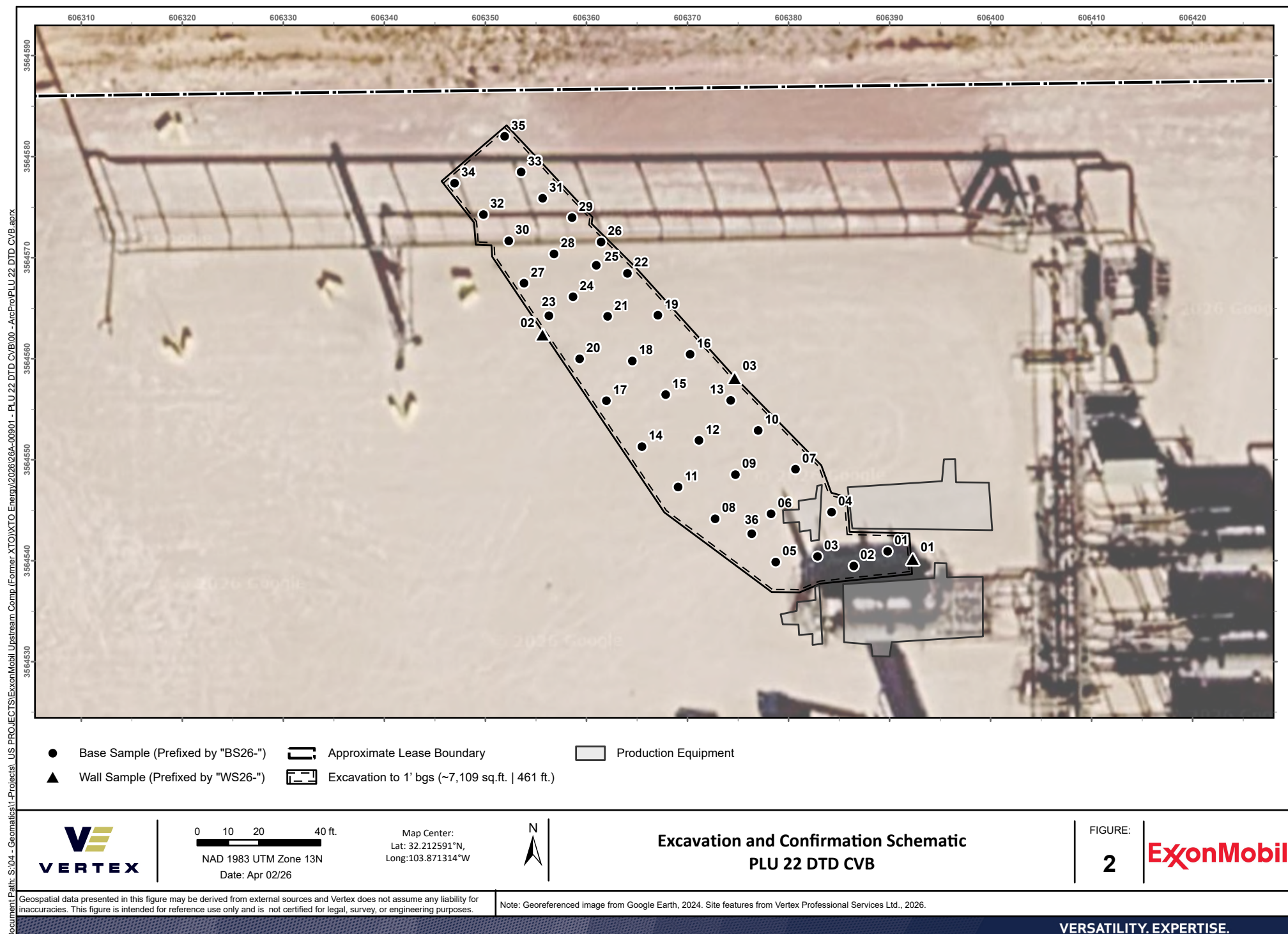
10.0 Limitations

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





TABLES

Client Name: Exxon Mobil Production Company

Site Name: PLU 22 DTD CVB

NMOCD Tracking #: nAPP2602937605

Project #: 26A-00901

Lab Reports: H260662, H260725, & H260875

Table 3. Initial Characterization Laboratory Results

Table 3. Initial Characterization Laboratory Results										
Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					
			Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)			
Depth to Groundwater ≥100 feet bgs										
BH26-01	0	February 5, 2026	ND	ND	ND	ND	ND	ND	ND	16
	1	February 5, 2026	ND	ND	ND	ND	ND	ND	ND	112
BH26-02	0	February 5, 2026	ND	ND	ND	19	ND	ND	ND	48
	1	February 5, 2026	ND	ND	ND	16	ND	ND	ND	16
BH26-03	0	February 5, 2026	ND	ND	ND	ND	ND	ND	ND	ND
	1	February 5, 2026	ND	ND	ND	ND	ND	ND	ND	32
BH26-04	0	February 5, 2026	ND	ND	ND	ND	ND	ND	ND	112
	1	February 5, 2026	ND	ND	ND	ND	ND	ND	ND	32
BH26-05	0	February 4, 2026	ND	86.90	2,720	43400	5,770	46,120	51,890	144
	1	February 4, 2026	ND	5.30	83	506	59	589	648	80
	2	February 4, 2026	ND	2.05	23	250	20	273	293	16
	3	February 12, 2026	ND	ND	16	748	107	764	871	48
	4	February 12, 2026	ND	ND	ND	83	ND	83	83	ND
BH26-06	0	February 4, 2026	ND	1.16	300	30700	4,040	31,000	35,040	64
	1	February 4, 2026	ND	ND	ND	18	ND	18	18	80
	2	February 4, 2026	ND	ND	ND	ND	ND	ND	ND	16
BH26-07	0	February 4, 2026	ND	ND	ND	7060	1,050	7,060	8,110	32
	1	February 4, 2026	ND	ND	ND	ND	ND	ND	ND	32
	2	February 4, 2026	ND	ND	ND	ND	ND	ND	ND	16

"ND" Not Detected at the Reporting Limit

"- " indicates not analyzed/assessed

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

Client Name: ExxonMobil Production Company

Site Name: PLU 22 DTD CVB

NMOCD Tracking #: nAPP2602937605

Project #: 26A-00901

Lab Reports: H261760 & H261818

Table 4. Confirmatory Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					
			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)	
Depth to Groundwater ≥ 100 feet bgs										
BS26-01	1	March 27, 2026	ND	ND	ND	526	49	526	575	32
BS26-02	1	March 27, 2026	ND	ND	ND	207	18	207	225	32
BS26-03	1	March 27, 2026	ND	ND	ND	ND	ND	ND	ND	32
BS26-04	1	March 27, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-05	1	March 27, 2026	ND	ND	ND	484	49	484	533	48
BS26-06	1	March 27, 2026	ND	ND	ND	ND	ND	ND	ND	16
BS26-07	1	March 27, 2026	ND	ND	ND	387	27	387	414	32
BS26-08	1	March 27, 2026	ND	ND	ND	35	ND	35	35	16
BS26-09	1	March 27, 2026	ND	ND	ND	15	ND	15	15	16
BS26-10	1	March 27, 2026	ND	ND	ND	413	39	413	452	48
BS26-11	1	March 27, 2026	ND	ND	ND	207	25	207	232	32
BS26-12	1	March 27, 2026	ND	ND	ND	101	ND	101	101	32
BS26-13	1	March 27, 2026	ND	ND	ND	ND	ND	ND	ND	160
BS26-14	1	March 27, 2026	ND	ND	ND	ND	ND	ND	ND	144
BS26-15	1	March 27, 2026	ND	ND	ND	276	22	276	298	32
BS26-16	1	March 27, 2026	ND	ND	ND	29	ND	29	ND	ND
BS26-17	1	March 27, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-18	1	March 27, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-19	1	March 27, 2026	ND	ND	ND	ND	ND	ND	ND	32
BS26-20	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	32
BS26-21	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-22	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-23	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	16
BS26-24	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-25	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-26	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-27	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-28	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-29	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-30	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-31	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	16
BS26-32	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-33	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	16
BS26-34	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	16
BS26-35	1	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BS26-36	1	March 30, 2026	ND	ND	ND	645	78	645	723	64
WS26-01	0-1	March 30, 2026	ND	ND	ND	362	66	362	428	96

Client Name: ExxonMobil Production Company

Site Name: PLU 22 DTD CVB

NMOCD Tracking #: nAPP2602937605

Project #: 26A-00901

Lab Reports: H261760 & H261818

Table 4. Confirmatory Laboratory Results										
Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					
			Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)	Total Petroleum Hydrocarbons (TPH)	
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)			
Depth to Groundwater ≥ 100 feet bgs										
WS26-02	0-1	March 30, 2026	ND	ND	ND	436	83	436	519	64
WS26-03	0-1	March 30, 2026	ND	ND	ND	184	13	184	197	80
BACKFILL	N/A	March 27, 2026	ND	ND	ND	ND	ND	ND	ND	160
SS26-01	0'	March 30, 2026	ND	ND	ND	ND	ND	ND	ND	80

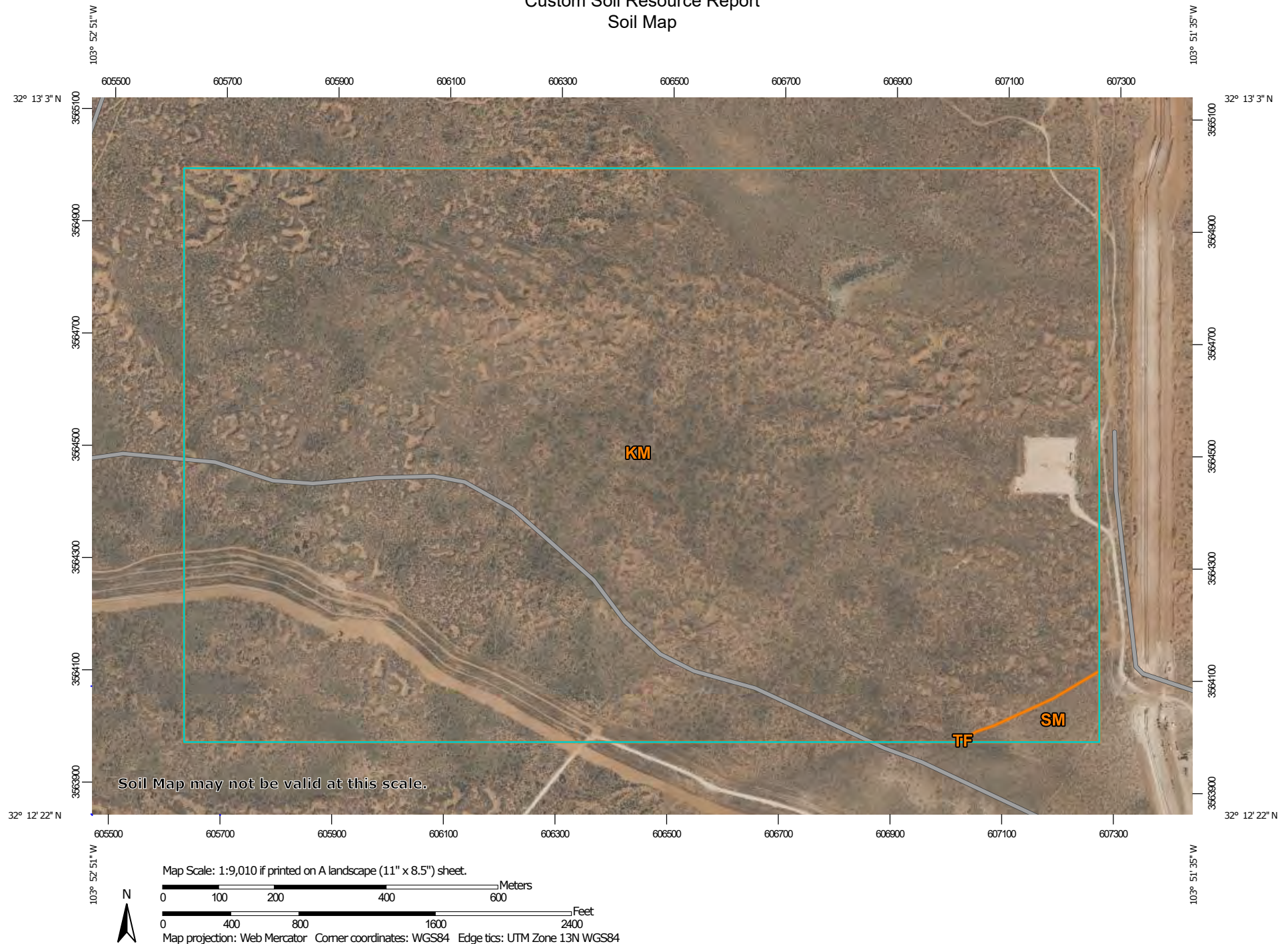
"ND" Not Detected at the Reporting Limit

"- " indicates not analyzed/assessed

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

APPENDIX A - Closure Criteria

PLATE 1. Soil Classification

Custom Soil Resource Report
Soil Map

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: Feb 7, 2020—May 12, 2020

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

Custom Soil Resource Report

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
KM	Kermit-Berino fine sands, 0 to 3 percent slopes	412.0	99.1%
SM	Simona-Bippus complex, 0 to 5 percent slopes	3.7	0.9%
TF	Tonuco loamy fine sand, 0 to 3 percent slopes	0.0	0.0%
Totals for Area of Interest		415.8	100.0%

Map Unit Descriptions

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 pure taxonomic classes but rather to separate the landscape into landforms or

Custom Soil Resource Report

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**KM—Kermit-Berino fine sands, 0 to 3 percent slopes****Map Unit Setting**

National map unit symbol: 1w4q
Landscape: Uplands
Elevation: 3,100 to 4,200 feet
Mean annual precipitation: 10 to 14 inches
Mean annual air temperature: 60 to 64 degrees F
Frost-free period: 190 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Kermit and similar soils: 50 percent
Berino and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Kermit**Setting**

Landscape: Uplands
Landform: Alluvial fans, Valley plains
Landform position (three-dimensional): Talf, rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 7 inches: fine sand
H2 - 7 to 60 inches: fine sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Excessively drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Very high (20.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Low (about 3.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: A
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Custom Soil Resource Report

Description of Berino**Setting**

Landscape: Uplands
Landform: Fan piedmonts, Sandy plains
Landform position (three-dimensional): Riser
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 50 inches: fine sandy loam
H3 - 50 to 58 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.2 inches)

Interpretive groups

Land capability classification (irrigated): 4e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components**Active dune land**

Percent of map unit: 15 percent
Hydric soil rating: No

SM—Simona-Bippus complex, 0 to 5 percent slopes**Map Unit Setting**

National map unit symbol: 1w5x
Landscape: Uplands
Elevation: 1,800 to 5,000 feet

Custom Soil Resource Report

Mean annual precipitation: 8 to 24 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

Simona and similar soils: 55 percent
Bippus and similar soils: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

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 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
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: 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 2.1 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

Description of Bippus**Setting**

Landscape: Alluvial plains
Landform: Alluvial fans, Flood plains
Landform position (three-dimensional): Talf, rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Mixed alluvium

Custom Soil Resource Report

Typical profile*H1 - 0 to 37 inches: silty clay loam**H2 - 37 to 60 inches: clay loam***Properties and qualities***Slope: 0 to 5 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): Moderately high to high (0.60 to 2.00 in/hr)**Depth to water table: More than 80 inches**Frequency of flooding: Occasional**Frequency of ponding: None**Calcium carbonate, maximum content: 40 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 8.7 inches)***Interpretive groups***Land capability classification (irrigated): 2e**Land capability classification (nonirrigated): 3e**Hydrologic Soil Group: B**Ecological site: R070BC017NM - Bottomland**Hydric soil rating: No***Minor Components****Simona***Percent of map unit: 8 percent**Ecological site: R070BD002NM - Shallow Sandy**Hydric soil rating: No***Bippus***Percent of map unit: 7 percent**Ecological site: R070BC017NM - Bottomland**Hydric soil rating: No***TF—Tonuco loamy fine sand, 0 to 3 percent slopes****Map Unit Setting***National map unit symbol: 1w61**Landscape: Uplands**Elevation: 3,000 to 4,100 feet**Mean annual precipitation: 10 to 14 inches**Mean annual air temperature: 60 to 64 degrees F**Frost-free period: 200 to 217 days**Farmland classification: Not prime farmland*

Custom Soil Resource Report

Map Unit Composition

Tonuco and similar soils: 98 percent

Minor components: 2 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tonuco**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 5 inches: loamy fine sand

H2 - 5 to 15 inches: loamy fine sand

H3 - 15 to 19 inches: indurated

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 6 to 20 inches to petrocalcic

Drainage class: Excessively 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

Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: D

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

Minor Components**Tonuco**

Percent of map unit: 1 percent

Ecological site: R070BD004NM - Sandy

Hydric soil rating: No

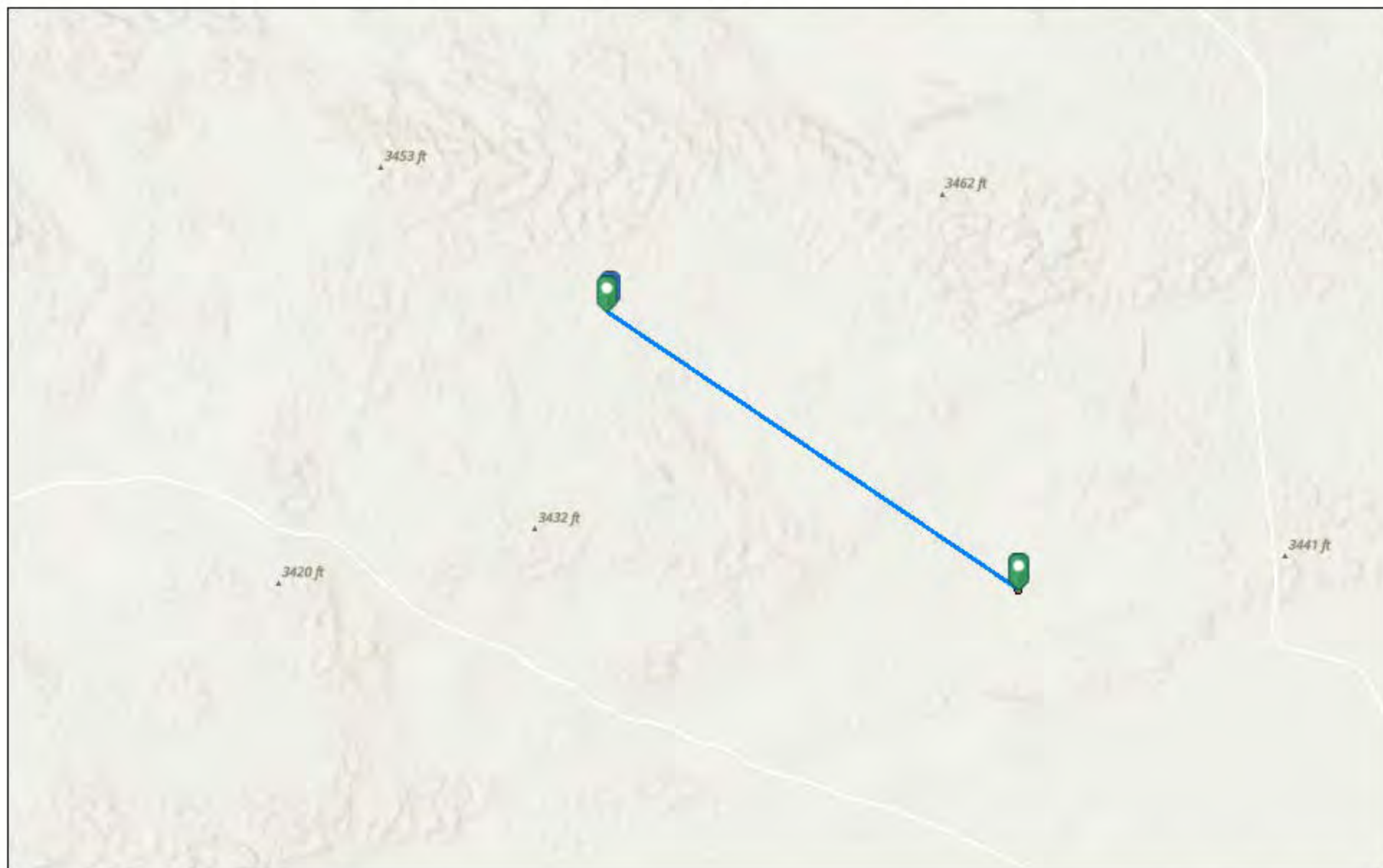
Dune land

Percent of map unit: 1 percent

Hydric soil rating: No

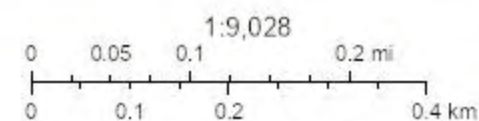
PLATE 2. Depth-to-Water

01_Poker Lake Unit 22 DTC CVB_nearest DTGW_ 0.43 miles



2/6/2026, 12:17:07 PM

• OSE Points of Diversion



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

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-eminrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8135ca75>; New Mexico Oil Conservation Division



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S) C-4911		
	WELL OWNER NAME(S) XTO Energy, Inc.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 3104 E. Greene St.				CITY Carlsbad	STATE NM	ZIP 88220
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 12	SECONDS 32.23 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	51	54.46 W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NE NW NE Sec. 22, T 24S R30E							
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.	
	DRILLING STARTED 01/16/2025	DRILLING ENDED 01/16/2025	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±105	DEPTH WATER FIRST ENCOUNTERED (FT) N/A	
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 1/16/25, 1/24/25
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	DEPTH (feet bgl) FROM TO		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)
	0 104		±6.25	Soil Boring	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)		AMOUNT (cubic feet)	METHOD OF PLACEMENT
				N/A			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-4911	POD NO. 1	TRN NO. 771442
LOCATION 24S. 30E. 22 212	WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

5. TEST; RIG SUPERVISION

6. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. C-4911	POD NO. 1	TRN NO. 771442	
LOCATION 245-30E-22 212	WELL TAG ID NO. NA	PAGE 2 OF 2	

PLATE 3. Surface Water



Plate 3.1 - Watercourse - 1,420 ft NE



April 9, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

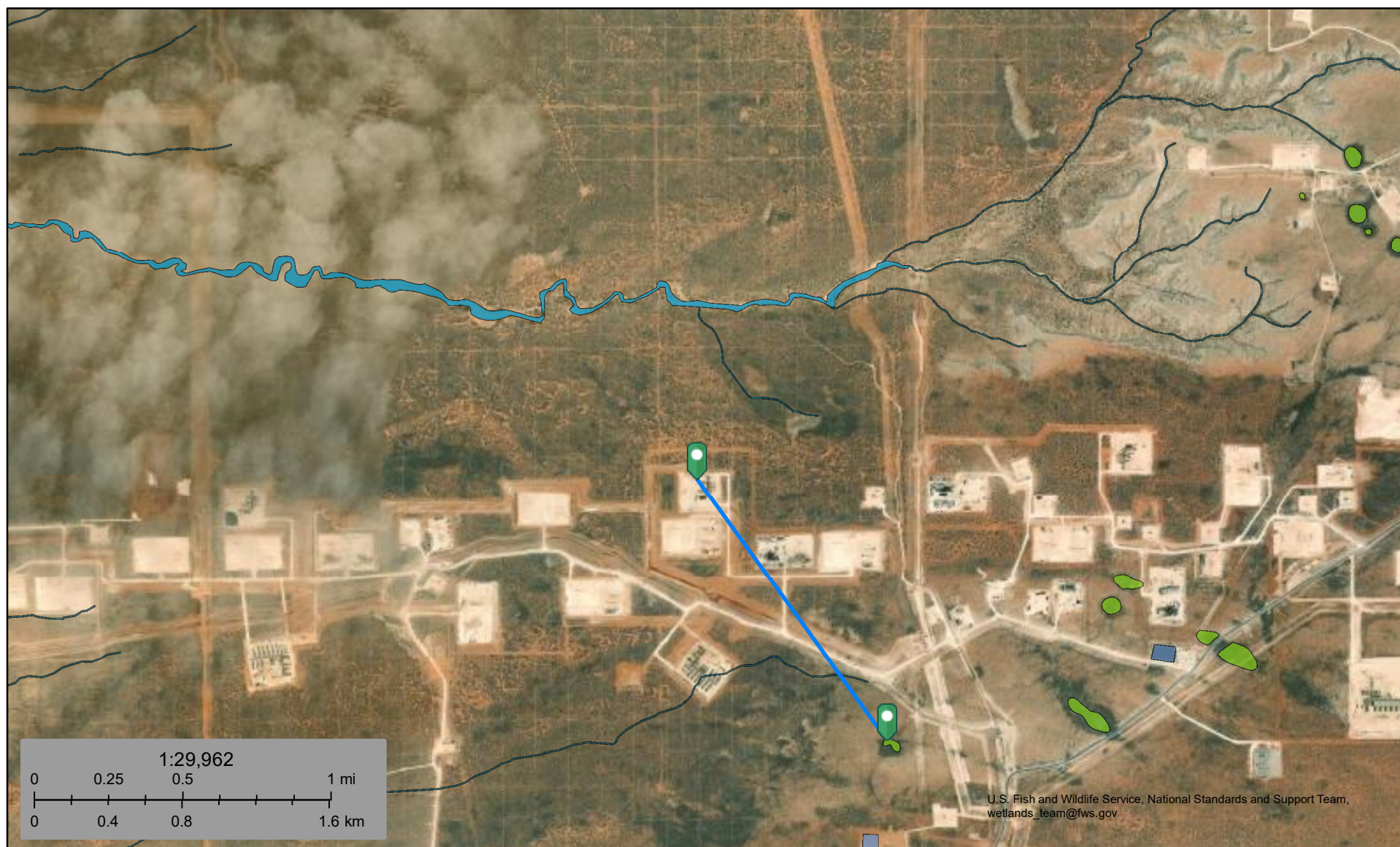
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- 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.



Plate 3.2 - Playa Lake - 4,859 ft SE



April 9, 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.

Poker Lake Unit 22 DTC CVB

The site is located 64,650 feet from the closest spring (Guy)

Legend

-  64,650 feet
-  Location references



7 km

PLATE 4. Occupied residence, school, hospital, etc.

Poker Lake Unit 22 DTC CVB

The site is located 45,939 feet from the closest residence

Legend

-  45,939 feet
-  Location references

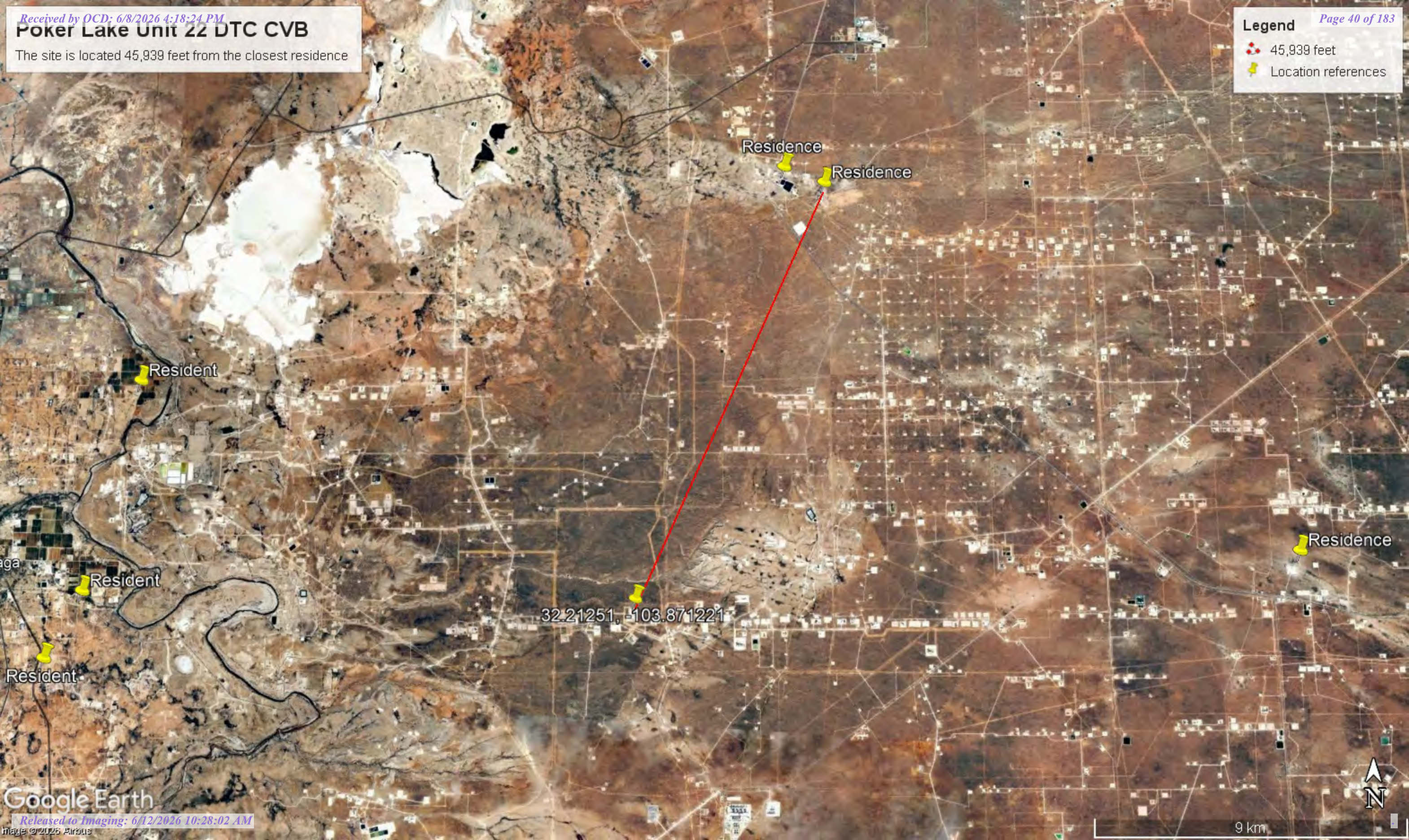


PLATE 5. Wetlands



Plate 5 - Wetland Riverine - 1,420 ft NE



April 9, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

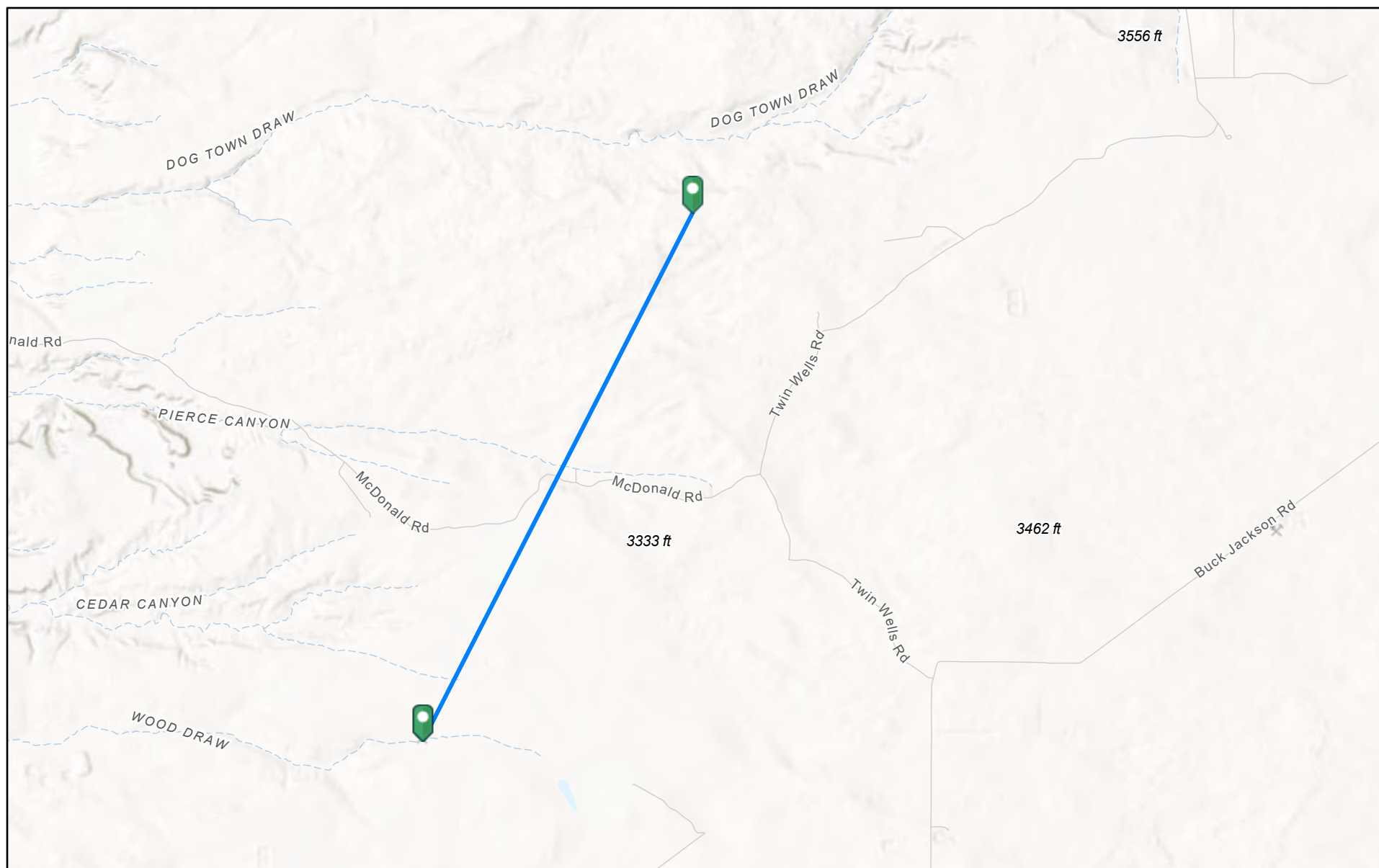
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- 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.

PLATE 6. Mine/Minerals

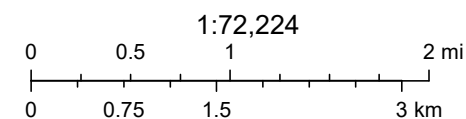
08_Poker Lake Unit 22 DTC CVB_Mine_21802 ft



2/5/2026, 11:42:30 AM

Registered Mines

✕ Aggregate, Stone etc.



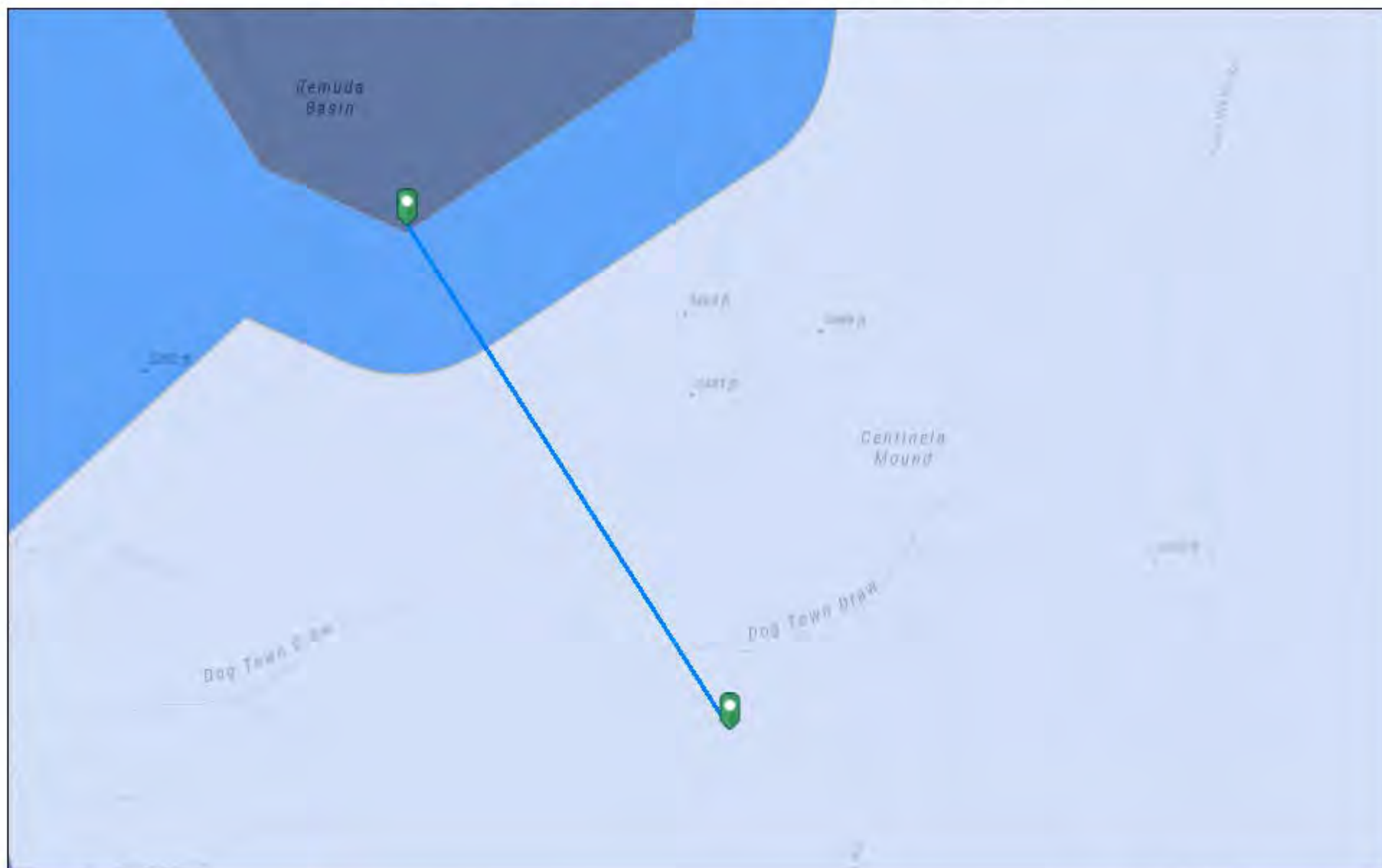
Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

EMNRD MMD GIS Coordinator

NM Energy, Minerals and Natural Resources Department (<http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=1b5e577974664d689b47790897ca2795>)

PLATE 7. Karst

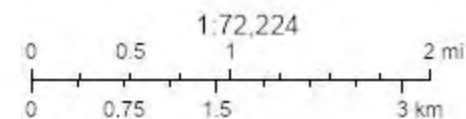
09_Poker Lake Unit 22 DTC CVB_Karst_21982 ft



2/5/2026, 11:29:02 AM

Karst Occurrence Potential

	High		Medium
	Low		



BLM, OCD, New Mexico Tech, Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors.

New Mexico Oil Conservation Division

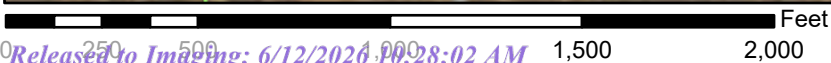
NM OCD Oil and Gas Map, <http://nm-eminrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2305164de29fd2fb9f8f35ca75>; New Mexico Oil Conservation Division

PLATE 8. Flood Hazard

National Flood Hazard Layer FIRMette



103°52'35"W 32°13'N



1:6,000

103°51'58"W 32°12'30"N

Released to Imaging: 6/12/2026 10:28:02 AM

Basemap Imagery Source: USGS National Map 2023

Legend

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

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



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

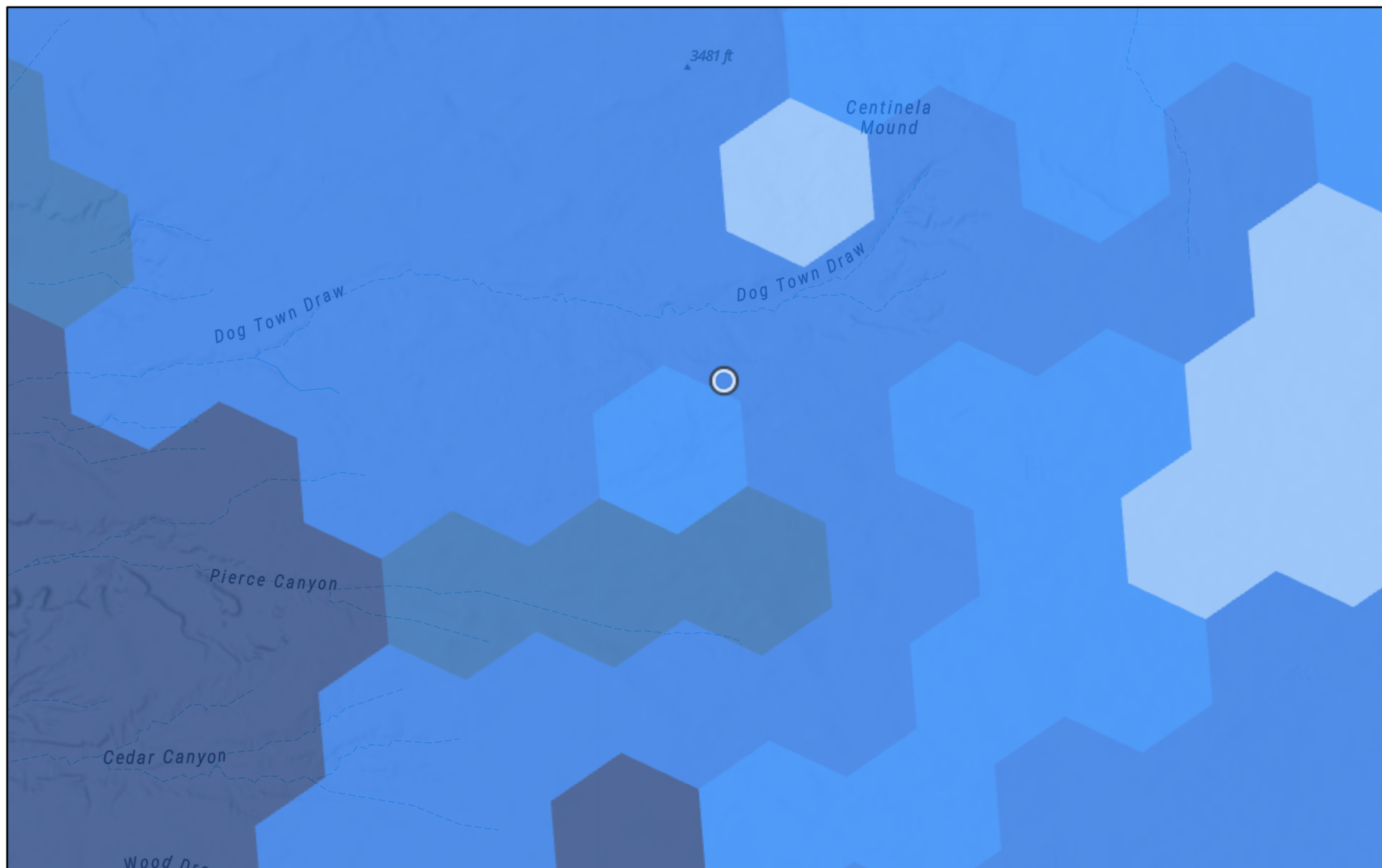
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/5/2026 at 7:20 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.

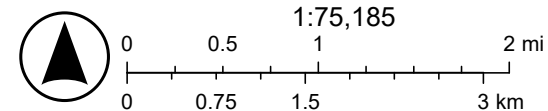
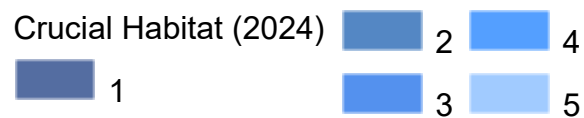
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

APPENDIX B - Biological Review

Poker Lake Unit 22 DTC CVB_Crucial Habitat



2/5/2026



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



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:

02/05/2026 19:35:38 UTC

Project Code: 2026-0046075

Project Name: Poker Lake Unit 22 DTC CVB

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

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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: 2026-0046075

02/05/2026 19:35:38 UTC

PROJECT SUMMARY

Project Code: 2026-0046075

Project Name: Poker Lake Unit 22 DTC CVB

Project Type: General NRDAR/Spill Response/Environmental Contaminants

Project Description: Remediation activities

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@32.21281005,-103.87045073198536,14z>



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.

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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/MBJO3L6IEBGSTLA4WIMC7YVYGY/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/MBJO3L6IEBGSTLA4WIMC7YVYGY/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: 2026-0046075

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IPAC USER CONTACT INFORMATION

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



26R-01072

Ecological Review & Summary

Poker Lake Unit 22 DTC CVB

Facility ID: fAPP2329131432

Lease Number: NMNM105557224

Coordinates: 32.212363, -103.871000001

Prepared for:

ExxonMobil Production Company

Prepared by:

Vertex Resource Services Inc.

Becca Stallings

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

February 13, 2026

Date

The proximity of the site to the closest receiving waterbody, listed in the National Wetland Inventory Mapper as a Riverine Intermittent Temporarily Flooded Sandy Streambed (R4SB4A), is approximately 2,617 feet to the north, and the closest freshwater wetland, Palustrine Emergent Persistent Intermittently Flooded Wetland (PEM1J), is 4,916 feet to the southeast. The site generally slopes in the southeast direction; however, due to the distance from the site and the release remaining on pad, the site activities are unlikely to impact nearby waterbodies. The site's primary soil profile includes Kermit-Berino fine sands. The site is within the piedmont alluvial and eolian deposits and known gypsum (with evaporite deposits) karst features. These environmental factors are accompanied by a medium 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: PLU 22 DTD CVB
Client: ExxonMobil

01/29/2026

Location: Default Site Location

By: Riley Arnold

Weather	Chilly	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time		Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2602937605

Work Summary:

Map spill/ 811 call

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

12:54:09	Travel to site/ safety paperwork
----------	----------------------------------

13:27:51	Spill was mapped
----------	------------------

13:59:10	811 flags placed
----------	------------------

A handwritten signature in black ink, appearing to be 'RA' or similar, written over a horizontal line.



Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 1/29/2026
Time: 12:56
Notes:
Latitude: 32.21155277777778
Longitude: -103.8703
Direction: SE



Date: 1/29/2026
Time: 13:03
Notes: Release
Latitude: 32.211975
Longitude: -103.87117777777777
Direction: SW





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 1/29/2026
Time: 13:03
Notes: Release
Latitude: 32.21140277777778
Longitude: -103.87114722222222
Direction: SW



Date: 1/29/2026
Time: 13:03
Notes: Release
Latitude: 32.21179166666667
Longitude: -103.87113055555555
Direction: SW





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 1/29/2026
Time: 13:03
Notes: Release
Latitude: 32.21179166666667
Longitude: -103.87113055555555
Direction: SW



Date: 1/29/2026
Time: 13:03
Notes: Release
Latitude: 32.211975
Longitude: -103.87117777777777
Direction: SW





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 1/29/2026
Time: 13:03
Notes: Release
Latitude: 32.21179166666667
Longitude: -103.87113055555555
Direction: SW



Date: 1/29/2026
Time: 13:25
Notes: 811 flags placed
Latitude: 32.212250000000004
Longitude: -103.87171111111111
Direction: S





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

02/04/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time		Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2602937605.

Work Summary:

Vertical delineation

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

09:39:09	Travel to site/ safety paperwork
----------	----------------------------------

09:39:24	BH26-05 through BH26-07 were collected in 1' increments until site criteria was met
----------	---

12:14:28	Samples were jarred and labeled
----------	---------------------------------

12:14:38	Samples were field screened
----------	-----------------------------

13:05:14	Coc's were created
----------	--------------------



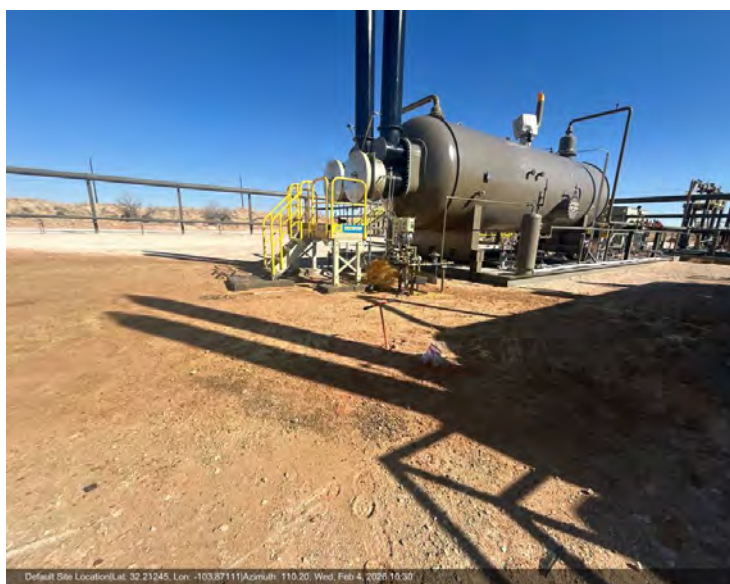
Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 2/4/2026
Time: 09:34
Notes:
Latitude: 32.211575
Longitude: -103.86997222222222
Direction: N



Date: 2/4/2026
Time: 10:30
Notes: BH26-05 @ 0'
BH26-05 @ 1'
BH26-05 @ 2'
Latitude: 32.212447222222224
Longitude: -103.87110833333332
Direction: N





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 2/4/2026
Time: 10:30
Notes: BH26-05 @ 0'
BH26-05 @ 1'
BH26-05 @ 2'
Latitude: 32.21244722222224
Longitude: -103.87110833333332
Direction: N



Date: 2/4/2026
Time: 10:30
Notes: BH26-05 @ 0'
BH26-05 @ 1'
BH26-05 @ 2'
Latitude: 32.21244722222224
Longitude: -103.87110833333332
Direction: N





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 2/4/2026
Time: 10:38
Notes: BH26-06 @ 0'
BH26-06 @ 1'
BH26-06 @ 2'
Latitude: 32.21253611111111
Longitude: -103.87136111111111
Direction: NW



Date: 2/4/2026
Time: 10:38
Notes: BH26-06 @ 0'
BH26-06 @ 1'
BH26-06 @ 2'
Latitude: 32.21253611111111
Longitude: -103.87136111111111
Direction: NW





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 2/4/2026
Time: 10:38
Notes: BH26-06 @ 0'
BH26-06 @ 1'
BH26-06 @ 2'
Latitude: 32.21253611111111
Longitude: -103.87136111111111
Direction: NW



Date: 2/4/2026
Time: 10:49
Notes: BH26-07 @ 0'
BH26-07 @ 1'
BH26-07 @ 2'
Latitude: 32.21270833333334
Longitude: -103.87141388888888
Direction: S





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 2/4/2026
Time: 10:49
Notes: BH26-07 @ 0'
BH26-07 @ 1'
BH26-07 @ 2'
Latitude: 32.2127083333334
Longitude: -103.87141388888888
Direction: S



Date: 2/4/2026
Time: 10:49
Notes: BH26-07 @ 0'
BH26-07 @ 1'
BH26-07 @ 2'
Latitude: 32.2127083333334
Longitude: -103.87141388888888
Direction: S





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

02/05/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time		Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2602937605

Work Summary:

Horizontal delineation

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

09:31:47	Travel to site/ safety paperwork
----------	----------------------------------

12:17:06	BH26-01 through BH26-04 were collected at 0-1'
----------	--

13:14:50	Samples were field screened
----------	-----------------------------

14:16:39	Samples were jarred and labeled/ COC's were created
----------	---

A handwritten signature in black ink, appearing to be 'RA' or similar, written over a horizontal line.



Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 2/5/2026
Time: 09:29
Notes:
Latitude: 32.21154444444445
Longitude: -103.86982777777777
Direction: N



Date: 2/5/2026
Time: 10:06
Notes: BH26-01 @ 0'
BH26-01 @ 1'
Latitude: 32.21244444444445
Longitude: -103.87102499999999
Direction: S





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 2/5/2026
Time: 10:12
Notes: BH26-02 @ 0'
BH26-02 @ 1'
Latitude: 32.212558333333334
Longitude: -103.87140555555555
Direction: E



Date: 2/5/2026
Time: 10:17
Notes: BH26-04 @ 0'
BH26-04 @ 1'
Latitude: 32.212616666666667
Longitude: -103.87124722222221
Direction: N

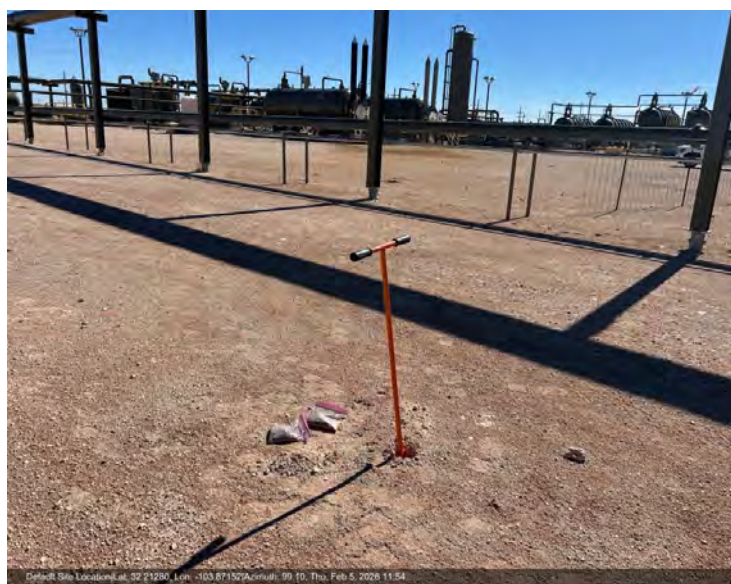




Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 2/5/2026
Time: 11:54
Notes: BH26-03 @ 0'
BH26-03 @ 1'
Latitude: 32.21280277777778
Longitude: -103.87152222222221
Direction: S





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

02/12/2026

Location: Default Site Location

By: Riley Arnold

Weather	Cloudy	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	16:26	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2602937605

Work Summary:

BH26-05 collected

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

16:27:12	BH25-05 collected at 3 and 4'
----------	-------------------------------

16:27:32	Samples field screened
----------	------------------------

16:27:43	Samples jarred and labeled
----------	----------------------------

16:27:52	Coc creation
----------	--------------

A handwritten signature in black ink, appearing to be 'RA' or similar, written over a horizontal line.



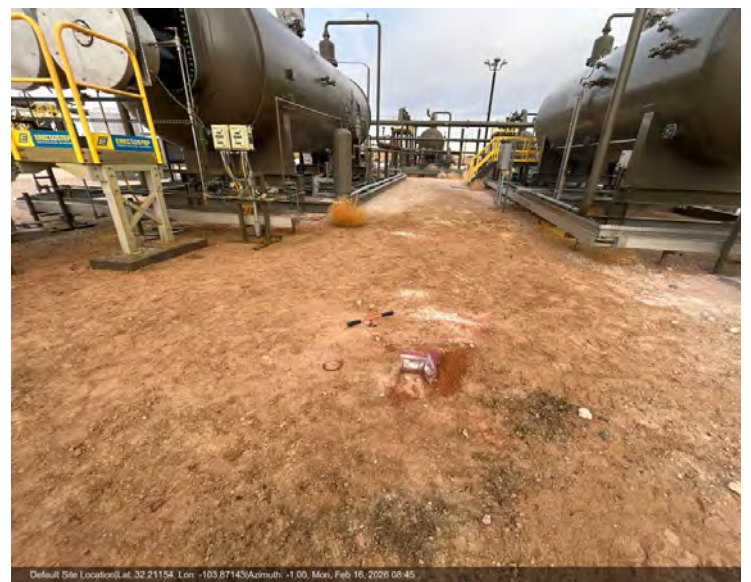
Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 2/12/2026
Time: 16:23
Notes:
Latitude: 32.211061111111114
Longitude: -103.87112499999999
Direction: N



Date: 2/12/2026
Time: 16:32
Notes: BH26-05 @ 3'
BH26-05 @ 4'
Latitude: 32.211538888888889
Longitude: -103.87143055555555
Direction: W





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

03/24/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	Tex Mex Construction
Staff On-site	Riley Arnold	Contractor Crew	John and crew
Staff From Time		Equipment On Site	Backhoe and hand tools
Tailgate meeting conducted	Yes	Incident ID Number	nAPP2602937605

Work Summary:

Mechanical excavation/ hand digging

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

09:01:02	Travel to site/ safety paperwork/ tailgate safety meeting
----------	---

09:21:05	Excavation area was marked in paint and white flags
----------	---

09:21:19	Contacted ExxonMobil safety rep and he gave permission to use backhoe between compressors
----------	---

12:22:14	Hand excavation began in areas not accessible by backhoe
----------	--

12:22:17	Excavation began between compressors
----------	--------------------------------------

Inspector: Riley Arnold



Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/24/2026
Time: 10:09
Notes: Excavation began between compressors
Latitude: 32.21238333333335
Longitude: -103.87119444444444
Direction: W



Date: 3/24/2026
Time: 10:53
Notes: Hand excavation began in areas not accessible by backhoe
Latitude: 32.21208611111111
Longitude: -103.87151388888888
Direction: N





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/24/2026
Time: 10:54
Notes: Mechanical excavation began in open areas
Latitude: 32.21184444444445
Longitude: -103.87149722222222
Direction: NW



Date: 3/24/2026
Time: 13:35
Notes: Hand excavation in progress
Latitude: 32.21246666666667
Longitude: -103.87137777777777
Direction: W





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/24/2026
Time: 13:35
Notes: Mechanical excavation in progress
Latitude: 32.2124222222222
Longitude: -103.8712472222221
Direction: NW



Date: 3/24/2026
Time: 13:37
Notes: Contaminated material placed on plastic liner on west side of pad
Latitude: 32.2118777777778
Longitude: -103.8719777777777
Direction: NE





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

03/25/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	Tex Mex Construction
Staff On-site	Riley Arnold	Contractor Crew	John and crew
Staff From Time	08:30	Equipment On Site	Backhoe, skid steer, hand tools
Tailgate meeting conducted	Yes	Incident ID Number	nAPP2602937605

Work Summary:

Mechanical excavation/ hand excavation/ soil sampling

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

09:01:19	Travel to site/ safety paperwork/ tailgate safety meeting
09:01:35	Hand excavation continued in areas not accessible by backhoe
09:02:04	Mechanical excavation continued in open areas
13:37:49	Composite samples were collected through current excavation to ensure site criteria will be met during confirmation sampling
15:13:41	Contaminated material was placed on plastic liner on west side of pad
15:13:48	Backfill material was hauled to location
15:13:52	Excavation was completed
15:14:06	Excavation will be backfilled after confirmation sampling
15:15:02	Excavation was fenced off at end of day

Inspector: Riley Arnold



Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/25/2026
Time: 10:15
Notes: Mechanical excavation continued in open areas
Latitude: 32.2123194444445
Longitude: -103.87131388888888
Direction: S



Date: 3/25/2026
Time: 12:12
Notes: Composite samples were collected through current excavation to ensure site criteria will be met during confirmation sampling
Latitude: 32.21264722222222
Longitude: -103.87132222222222
Direction: W





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/25/2026
Time: 13:37
Notes: Backfill material hauled to location
Latitude: 32.2118555555556
Longitude: -103.87147499999999
Direction: SW



Date: 3/25/2026
Time: 14:05
Notes: Excavation in progress
Latitude: 32.211891666666666
Longitude: -103.87150555555554
Direction: S





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/25/2026
Time: 14:05
Notes: Hand digging around compressors completed
Latitude: 32.212386111111115
Longitude: -103.8714527777778
Direction: NE



Date: 3/25/2026
Time: 14:06
Notes: Mechanical excavation north of flare line
Latitude: 32.212186111111116
Longitude: -103.87147499999999
Direction: N





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/25/2026
Time: 14:06
Notes: Began hand digging beneath flare line
Latitude: 32.21206944444445
Longitude: -103.87147499999999
Direction: N



Date: 3/25/2026
Time: 15:12
Notes: Excavation completed
Latitude: 32.21279444444445
Longitude: -103.87152777777777
Direction: W





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/25/2026
Time: 15:13
Notes: Excavation completed
Latitude: 32.21229166666667
Longitude: -103.87148888888888
Direction: N





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

03/27/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	09:02	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2602937605

Work Summary:

Confirmation sampling

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

09:21:35	Travel to site/ safety paperwork
----------	----------------------------------

09:45:37	BS26-01 through BS26-19 were collected at 1'
----------	--

12:07:02	All samples were field screened
----------	---------------------------------

13:37:29	Samples were jarred and labeled
----------	---------------------------------

14:43:53	Cocs were created
----------	-------------------

A handwritten signature in black ink, appearing to read 'RA' with a stylized flourish.

Inspector: Riley Arnold



Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/27/2026
Time: 10:21
Notes: BS26-01 through BS26-06 @ 1'
Latitude: 32.2124666666667
Longitude: -103.87112499999999
Direction: S



Date: 3/27/2026
Time: 10:23
Notes: BS26-07 though BS26-19 @ 1'
Latitude: 32.2126444444445
Longitude: -103.8713444444443
Direction: W





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/27/2026
Time: 10:27
Notes: BACKFILL sample
Latitude: 32.21207777777778
Longitude: -103.87148333333333
Direction: E





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

03/30/2026

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	nAPP2602937605

Work Summary:

Confirmation sampling

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

09:09:51	Travel to site/ safety paperwork
----------	----------------------------------

12:33:36	BS26-20 through BS26-36 were collected at 1'
----------	--

12:33:41	WS26-1 through WS26-03 were collected at 0-1'
----------	---

12:33:45	SS26-01 were collected portion of pad where contaminated material was previously placed on plastic liner
----------	--

12:58:20	All samples were field screened
----------	---------------------------------

13:58:25	Samples were jarred and labeled
----------	---------------------------------

14:53:42	Coc's were created
----------	--------------------

Inspector: Riley Arnold



Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/30/2026
Time: 10:43
Notes: BS26-20 through BS26-29 @ 1'
Latitude: 32.2126
Longitude: -103.87133888888889
Direction: S



Default Site Location | Lat: 32.21260, Lon: -103.87134 | Azimuth: 177.3 S, Mon, Mar 30, 2026 10

Date: 3/30/2026
Time: 10:54
Notes: BS26-20 through BS26-35 @ 1'
Latitude: 32.21273055555556
Longitude: -103.87151388888888
Direction: N



Default Site Location | Lat: 32.21273, Lon: -103.87151 | Azimuth: 20.1 N, Mon, Mar 30, 2026 10



Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/30/2026
Time: 10:58
Notes: BS26-36 @ 1'
Latitude: 32.21245277777778
Longitude: -103.87122222222222
Direction: E



Date: 3/30/2026
Time: 11:00
Notes: WS26-01 @ 0-1'
Latitude: 32.21248055555556
Longitude: -103.87109444444444
Direction: S





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/30/2026
Time: 11:01
Notes: WS26-02 @ 0-1'
Latitude: 32.21223888888889
Longitude: -103.87122222222222
Direction: S



Date: 3/30/2026
Time: 11:01
Notes: WS26-03 @ 0-1'
Latitude: 32.21206666666667
Longitude: -103.87133055555555
Direction: E





Daily Field Log
Site: PLU 22 DTD CVB
Client: ExxonMobil

Pictures/Attachments

Date: 3/30/2026
Time: 11:09
Notes: SS26-01 @ 0'
Taken from portion of pad where contaminated
material was placed on plastic liner
Latitude: 32.21168611111111
Longitude: -103.87201111111111
Direction: N



APPENDIX D. - Laboratory Data Reports and Chain of Custody Forms



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

February 11, 2026

CHAD HENSLEY

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PLU 22 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 02/05/26 14:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/05/2026
Reported: 02/11/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 02/04/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH 26 - 05 @ 0' (H260662-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	02/06/2026	ND	2.06	103	2.00	0.599	GC-NC
Toluene*	12.6	0.500	02/06/2026	ND	2.21	111	2.00	1.11	
Ethylbenzene*	11.3	0.500	02/06/2026	ND	2.21	111	2.00	0.584	GC-NC1
Total Xylenes*	62.9	1.50	02/06/2026	ND	6.82	114	6.00	0.930	
Total BTX	86.9	3.00	02/06/2026	ND					GC-NC1

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/06/2026	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	2720	50.0	02/06/2026	ND	207	103	200	1.81		
DRO >C10-C28*	43400	50.0	02/06/2026	ND	182	90.8	200	3.16		
EXT DRO >C28-C36	5770	50.0	02/06/2026	ND						

Surrogate: 1-Chlorooctane 967 % 52.4-130

Surrogate: 1-Chlorooctadecane 1490 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/05/2026
 Reported: 02/11/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 02/04/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH 26 - 05 @ 1' (H260662-02)

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	02/06/2026	ND	2.06	103	2.00	0.599	GC-NC
Toluene*	0.604	0.050	02/06/2026	ND	2.21	111	2.00	1.11	
Ethylbenzene*	1.18	0.050	02/06/2026	ND	2.21	111	2.00	0.584	GC-NC1
Total Xylenes*	3.52	0.150	02/06/2026	ND	6.82	114	6.00	0.930	
Total BTEX	5.30	0.300	02/06/2026	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 140 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/06/2026	ND	432	108	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*	82.6	10.0	02/06/2026	ND	207	103	200	1.81	
DRO >C10-C28*	506	10.0	02/06/2026	ND	182	90.8	200	3.16	
EXT DRO >C28-C36	58.8	10.0	02/06/2026	ND					

Surrogate: 1-Chlorooctane 77.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/05/2026
 Reported: 02/11/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 02/04/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH 26 - 05 @ 2 (H260662-03)

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	02/06/2026	ND	2.06	103	2.00	0.599	
Toluene*	0.137	0.050	02/06/2026	ND	2.21	111	2.00	1.11	
Ethylbenzene*	0.822	0.050	02/06/2026	ND	2.21	111	2.00	0.584	GC-NC1
Total Xylenes*	1.10	0.150	02/06/2026	ND	6.82	114	6.00	0.930	
Total BTEX	2.05	0.300	02/06/2026	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 125 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/06/2026	ND	432	108	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*	22.8	10.0	02/06/2026	ND	207	103	200	1.81	
DRO >C10-C28*	250	10.0	02/06/2026	ND	182	90.8	200	3.16	
EXT DRO >C28-C36	20.6	10.0	02/06/2026	ND					

Surrogate: 1-Chlorooctane 82.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/05/2026
 Reported: 02/11/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 02/04/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH 26 - 06 @ 0' (H260662-04)

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	02/09/2026	ND	2.06	103	2.00	0.599		
Toluene*	<0.050	0.050	02/09/2026	ND	2.21	111	2.00	1.11		
Ethylbenzene*	<0.050	0.050	02/09/2026	ND	2.21	111	2.00	0.584		
Total Xylenes*	1.16	0.150	02/09/2026	ND	6.82	114	6.00	0.930		
Total BTEX	1.16	0.300	02/09/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/06/2026	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	300	50.0	02/06/2026	ND	207	103	200	1.81		
DRO >C10-C28*	30700	50.0	02/06/2026	ND	182	90.8	200	3.16		
EXT DRO >C28-C36	4040	50.0	02/06/2026	ND						

Surrogate: 1-Chlorooctane 435 % 52.4-130

Surrogate: 1-Chlorooctadecane 1380 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/05/2026
Reported: 02/11/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 02/04/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH 26 - 06 @ 1' (H260662-05)

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	02/06/2026	ND	2.06	103	2.00	0.599	
Toluene*	<0.050	0.050	02/06/2026	ND	2.21	111	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/06/2026	ND	2.21	111	2.00	0.584	
Total Xylenes*	<0.150	0.150	02/06/2026	ND	6.82	114	6.00	0.930	
Total BTEX	<0.300	0.300	02/06/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/06/2026	ND	432	108	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	02/06/2026	ND	179	89.4	200	3.60	
DRO >C10-C28*	18.1	10.0	02/06/2026	ND	207	103	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	02/06/2026	ND					

Surrogate: 1-Chlorooctane 72.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/05/2026
Reported: 02/11/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 02/04/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH 26 - 06 @ 2' (H260662-06)

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	02/06/2026	ND	2.06	103	2.00	0.599		
Toluene*	<0.050	0.050	02/06/2026	ND	2.21	111	2.00	1.11		
Ethylbenzene*	<0.050	0.050	02/06/2026	ND	2.21	111	2.00	0.584		
Total Xylenes*	<0.150	0.150	02/06/2026	ND	6.82	114	6.00	0.930		
Total BTEx	<0.300	0.300	02/06/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/06/2026	ND	432	108	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	02/06/2026	ND	179	89.4	200	3.60	
DRO >C10-C28*	<10.0	10.0	02/06/2026	ND	207	103	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	02/06/2026	ND					

Surrogate: 1-Chlorooctane 72.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/05/2026
 Reported: 02/11/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 02/04/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH 26 - 07 @ 0' (H260662-07)

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	02/06/2026	ND	2.06	103	2.00	0.599	
Toluene*	<0.050	0.050	02/06/2026	ND	2.21	111	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/06/2026	ND	2.21	111	2.00	0.584	
Total Xylenes*	<0.150	0.150	02/06/2026	ND	6.82	114	6.00	0.930	
Total BTEX	<0.300	0.300	02/06/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/06/2026	ND	432	108	400	3.77	

TPH 8015M	mg/kg		Analyzed By: JF					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2026	ND	179	89.4	200	3.60	
DRO >C10-C28*	7060	10.0	02/06/2026	ND	207	103	200	6.18	
EXT DRO >C28-C36	1050	10.0	02/06/2026	ND					

Surrogate: 1-Chlorooctane 74.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 214 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/05/2026
Reported: 02/11/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 02/04/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH 26 - 07 @ 1' (H260662-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2026	ND	2.06	103	2.00	0.599		
Toluene*	<0.050	0.050	02/06/2026	ND	2.21	111	2.00	1.11		
Ethylbenzene*	<0.050	0.050	02/06/2026	ND	2.21	111	2.00	0.584		
Total Xylenes*	<0.150	0.150	02/06/2026	ND	6.82	114	6.00	0.930		
Total BTX	<0.300	0.300	02/06/2026	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/06/2026	ND	432	108	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	02/06/2026	ND	179	89.4	200	3.60	
DRO >C10-C28*	<10.0	10.0	02/06/2026	ND	207	103	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	02/06/2026	ND					

Surrogate: 1-Chlorooctane 73.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/05/2026
 Reported: 02/11/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 02/04/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH 26 - 07 @ 2' (H260662-09)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2026	ND	2.06	103	2.00	0.599	
Toluene*	<0.050	0.050	02/06/2026	ND	2.21	111	2.00	1.11	
Ethylbenzene*	<0.050	0.050	02/06/2026	ND	2.21	111	2.00	0.584	
Total Xylenes*	<0.150	0.150	02/06/2026	ND	6.82	114	6.00	0.930	
Total BTX	<0.300	0.300	02/06/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/06/2026	ND	432	108	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	02/06/2026	ND	179	89.4	200	3.60	
DRO >C10-C28*	<10.0	10.0	02/06/2026	ND	207	103	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	02/06/2026	ND					

Surrogate: 1-Chlorooctane 78.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, 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: <u>Vortex Resource</u>				BILL TO				ANALYSIS REQUEST														
Project Manager: <u>Chad Hensley</u>				P.O. #: <u>2210431001</u>				BTEX TPH Chloride														
Address: <u>3101 Boyd drive</u>				Company: <u>Exxon Mobil</u>																		
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>				Attn: <u>Dale Woodall</u>																		
Phone #: <u>575-725-5001</u> Fax #:				Address: <u>3104 E Greene St</u>																		
Project #: <u>26A-00901</u> Project Owner:				City: <u>Carlsbad</u>																		
Project Name: <u>PLU 22 DTD CVB</u>				State: <u>NM</u> Zip: <u>88220</u>																		
Project Location:				Phone #:																		
Sampler Name: <u>Riley Arnold</u>				Fax #:																		
FOR LAB USE ONLY																						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.		SAMPLING												
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME								
<u>H260627</u>	<u>BH26-05 @ 0'</u>	<u>G</u>	<u>1</u>			<u>X</u>					<u>X</u>		<u>2.4.26</u>	<u>10:00</u>	<u>X</u>	<u>X</u>	<u>X</u>					
<u>2</u>	<u>BH26-05 @ 1'</u>													<u>10:21</u>								
<u>3</u>	<u>BH26-05 @ 2'</u>													<u>10:36</u>								
<u>4</u>	<u>BH26-06 @ 0'</u>													<u>10:50</u>								
<u>5</u>	<u>BH26-06 @ 1'</u>													<u>11:11</u>								
<u>6</u>	<u>BH26-06 @ 2'</u>													<u>11:26</u>								
<u>7</u>	<u>BH26-07 @ 0'</u>													<u>11:42</u>								
<u>8</u>	<u>BH26-07 @ 1'</u>													<u>12:30</u>								
<u>9</u>	<u>BH26-07 @ 2'</u>													<u>12:51</u>								

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Relinquished By: <u>[Signature]</u>	Date: <u>2-5-26</u>	Received By: <u>[Signature]</u>	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Time: <u>1400</u>			All Results are emailed. Please provide Email address: <u>Rarnold@vortexresource.com</u>
Relinquished By:	Date:	Received By:	REMARKS: <u>Incident ID: nAPP2602937605</u>
	Time:		<u>GFLM: 48605000</u>
Delivered By: (Circle One)	Observed Temp. °C: <u>-0.1</u>	Sample Condition: ☒ Cool ☐ Intact	CHECKED BY: (Initials) <u>[Signature]</u>
Sampler - UPS - Bus - Other:	Corrected Temp. °C: <u>-0.0</u>	☐ Yes ☐ No ☐ Yes ☐ No	Turnaround Time: ☒ Standard ☐ Rush
			Thermometer ID #140
			Correction Factor: <u>-0.6°C</u>
			Bacteria (only) Sample Condition: ☐ Cool ☐ Intact
			Observed Temp. °C: ☐ Yes ☐ No
			Corrected Temp. °C: ☐ Yes ☐ No

FORM-666 R 3.3 08/03/24

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



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

February 13, 2026

CHAD HENSLEY

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PLU 22 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 02/09/26 12:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/09/2026
 Reported: 02/13/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 02/05/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 01 @ 0' (H260725-01)

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	02/10/2026	ND	1.90	95.1	2.00	3.74	
Toluene*	<0.050	0.050	02/10/2026	ND	1.67	83.5	2.00	10.0	
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.70	85.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.13	85.4	6.00	4.72	
Total BTEX	<0.300	0.300	02/10/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/11/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	214	107	200	4.37	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	197	98.6	200	0.813	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 92.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/09/2026
 Reported: 02/13/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 02/05/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 01 @ 1' (H260725-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2026	ND	1.90	95.1	2.00	3.74		
Toluene*	<0.050	0.050	02/10/2026	ND	1.67	83.5	2.00	10.0		
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.70	85.0	2.00	3.78		
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.13	85.4	6.00	4.72		
Total BTX	<0.300	0.300	02/10/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	112	16.0	02/11/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	214	107	200	4.37	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	197	98.6	200	0.813	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 101 % 52.4-130

Surrogate: 1-Chlorooctadecane 102 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/09/2026
 Reported: 02/13/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 02/05/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 02 @ 0' (H260725-03)

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	02/10/2026	ND	1.90	95.1	2.00	3.74	
Toluene*	<0.050	0.050	02/10/2026	ND	1.67	83.5	2.00	10.0	
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.70	85.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.13	85.4	6.00	4.72	
Total BTEX	<0.300	0.300	02/10/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	48.0	16.0	02/11/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	214	107	200	4.37	
DRO >C10-C28*	18.7	10.0	02/10/2026	ND	197	98.6	200	0.813	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 91.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/09/2026
Reported: 02/13/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 02/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH26 - 02 @ 1' (H260725-04)

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	02/10/2026	ND	1.90	95.1	2.00	3.74		
Toluene*	<0.050	0.050	02/10/2026	ND	1.67	83.5	2.00	10.0		
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.70	85.0	2.00	3.78		
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.13	85.4	6.00	4.72		
Total BTEX	<0.300	0.300	02/10/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	16.0	16.0	02/11/2026	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	214	107	200	4.37	
DRO >C10-C28*	15.7	10.0	02/10/2026	ND	197	98.6	200	0.813	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 86.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/09/2026
 Reported: 02/13/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 02/05/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 03 @ 0' (H260725-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2026	ND	1.90	95.1	2.00	3.74		
Toluene*	<0.050	0.050	02/10/2026	ND	1.67	83.5	2.00	10.0		
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.70	85.0	2.00	3.78		
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.13	85.4	6.00	4.72		
Total BTX	<0.300	0.300	02/10/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/11/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	214	107	200	4.37	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	197	98.6	200	0.813	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 92.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/09/2026
 Reported: 02/13/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 02/05/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BH26 - 03 @ 1' (H260725-06)

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	02/10/2026	ND	1.90	95.1	2.00	3.74		
Toluene*	<0.050	0.050	02/10/2026	ND	1.67	83.5	2.00	10.0		
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.70	85.0	2.00	3.78		
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.13	85.4	6.00	4.72		
Total BTEX	<0.300	0.300	02/10/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/11/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	214	107	200	4.37	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	197	98.6	200	0.813	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 101 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/09/2026
Reported: 02/13/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 02/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH26 - 04 @ 0' (H260725-07)

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	02/10/2026	ND	1.90	95.1	2.00	3.74	
Toluene*	<0.050	0.050	02/10/2026	ND	1.67	83.5	2.00	10.0	
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.70	85.0	2.00	3.78	
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.13	85.4	6.00	4.72	
Total BTEX	<0.300	0.300	02/10/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/11/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	214	107	200	4.37	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	197	98.6	200	0.813	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 94.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/09/2026
Reported: 02/13/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 02/05/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BH26 - 04 @ 1' (H260725-08)

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	02/10/2026	ND	2.02	101	2.00	0.201	
Toluene*	<0.050	0.050	02/10/2026	ND	1.87	93.5	2.00	0.725	
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.85	92.7	2.00	0.0696	
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.46	91.0	6.00	0.137	
Total BTEX	<0.300	0.300	02/10/2026	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	32.0	16.0	02/11/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	214	107	200	4.37	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	197	98.6	200	0.813	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 92.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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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

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

Celey D. Keene, Lab Director/Quality Manager

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-00901 Project Owner: Project Name: PLU 22 OTD CVB Project Location: Sampler Name: Riley Arnold				BILL TO P.O. #: 2210431001 Company: Exxon Mobil Attn: Dale Woodall Address: 3104 E Greene St City: Carlsbad State: NM Zip: 88220 Phone #: Fax #:				ANALYSIS REQUEST															
FOR LAB USE ONLY				MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				PRESERV. ACID/BASE: ICE / COOL OTHER :		SAMPLING DATE TIME		BTEX TPH Chloride											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS		GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :		PRESERV. ACID/BASE: ICE / COOL OTHER :		DATE TIME		BTEX TPH Chloride											
H260725		BH26-01 @ 0'		G 1		X		X		2.5.26 9:30		X X X											
2 BH26-01 @ 1'		3 BH26-02 @ 0'		4 BH26-02 @ 1'		5 BH26-03 @ 0'		6 BH26-03 @ 1'		7 BH26-04 @ 0'		8 BH26-04 @ 1'											
9 BH26-04 @ 1'		10 BH26-04 @ 1'		11 BH26-04 @ 1'		12 BH26-04 @ 1'		13 BH26-04 @ 1'		14 BH26-04 @ 1'		15 BH26-04 @ 1'											
16 BH26-04 @ 1'		17 BH26-04 @ 1'		18 BH26-04 @ 1'		19 BH26-04 @ 1'		20 BH26-04 @ 1'		21 BH26-04 @ 1'		22 BH26-04 @ 1'											
23 BH26-04 @ 1'		24 BH26-04 @ 1'		25 BH26-04 @ 1'		26 BH26-04 @ 1'		27 BH26-04 @ 1'		28 BH26-04 @ 1'		29 BH26-04 @ 1'											
30 BH26-04 @ 1'		31 BH26-04 @ 1'		32 BH26-04 @ 1'		33 BH26-04 @ 1'		34 BH26-04 @ 1'		35 BH26-04 @ 1'		36 BH26-04 @ 1'											
37 BH26-04 @ 1'		38 BH26-04 @ 1'		39 BH26-04 @ 1'		40 BH26-04 @ 1'		41 BH26-04 @ 1'		42 BH26-04 @ 1'		43 BH26-04 @ 1'											
44 BH26-04 @ 1'		45 BH26-04 @ 1'		46 BH26-04 @ 1'		47 BH26-04 @ 1'		48 BH26-04 @ 1'		49 BH26-04 @ 1'		50 BH26-04 @ 1'											
51 BH26-04 @ 1'		52 BH26-04 @ 1'		53 BH26-04 @ 1'		54 BH26-04 @ 1'		55 BH26-04 @ 1'		56 BH26-04 @ 1'		57 BH26-04 @ 1'											
58 BH26-04 @ 1'		59 BH26-04 @ 1'		60 BH26-04 @ 1'		61 BH26-04 @ 1'		62 BH26-04 @ 1'		63 BH26-04 @ 1'		64 BH26-04 @ 1'											
65 BH26-04 @ 1'		66 BH26-04 @ 1'		67 BH26-04 @ 1'		68 BH26-04 @ 1'		69 BH26-04 @ 1'		70 BH26-04 @ 1'		71 BH26-04 @ 1'											
72 BH26-04 @ 1'		73 BH26-04 @ 1'		74 BH26-04 @ 1'		75 BH26-04 @ 1'		76 BH26-04 @ 1'		77 BH26-04 @ 1'		78 BH26-04 @ 1'											
79 BH26-04 @ 1'		80 BH26-04 @ 1'		81 BH26-04 @ 1'		82 BH26-04 @ 1'		83 BH26-04 @ 1'		84 BH26-04 @ 1'		85 BH26-04 @ 1'											
86 BH26-04 @ 1'		87 BH26-04 @ 1'		88 BH26-04 @ 1'		89 BH26-04 @ 1'		90 BH26-04 @ 1'		91 BH26-04 @ 1'		92 BH26-04 @ 1'											
93 BH26-04 @ 1'		94 BH26-04 @ 1'		95 BH26-04 @ 1'		96 BH26-04 @ 1'		97 BH26-04 @ 1'		98 BH26-04 @ 1'		99 BH26-04 @ 1'											
100 BH26-04 @ 1'		101 BH26-04 @ 1'		102 BH26-04 @ 1'		103 BH26-04 @ 1'		104 BH26-04 @ 1'		105 BH26-04 @ 1'		106 BH26-04 @ 1'											
107 BH26-04 @ 1'		108 BH26-04 @ 1'		109 BH26-04 @ 1'		110 BH26-04 @ 1'		111 BH26-04 @ 1'		112 BH26-04 @ 1'		113 BH26-04 @ 1'											
114 BH26-04 @ 1'		115 BH26-04 @ 1'		116 BH26-04 @ 1'		117 BH26-04 @ 1'		118 BH26-04 @ 1'		119 BH26-04 @ 1'													

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Relinquished By: <i>[Signature]</i>		Date: <i>2-9-24</i>		Received By: <i>[Signature]</i>		Verbal Result: ☐ Yes ☐ No Add'l Phone #:	
Relinquished By:		Time: <i>1200</i>		Received By:		All Results are emailed. Please provide Email address: <i>Permian@verterresource.com</i>	
Relinquished By:		Date:		Received By:		REMARKS: <i>Incident ID: NAPP2602937605</i>	
Relinquished By:		Time:		Received By:		GFCM: <i>48605000</i>	
Delivered By: (Circle One)		Observed Temp. °C <i>4.8</i>		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <i>4.9</i>		Cool Intact ☒ Yes ☐ No		Turnaround Time: Standard ☒ Rush ☐	
FORM-006 R 3-9-08/03/24				☐ Yes ☐ No		Thermometer ID #140 Correction Factor <i>-0.6°C</i> <i>+0.1°C</i>	
						Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ☐ Yes ☐ No ☐ No ☐ No Corrected Temp. °C	

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



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

February 19, 2026

CHAD HENSLEY

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PLU 22 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 02/13/26 11:53.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

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: 02/13/2026
Reported: 02/19/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 02/12/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BH 26 - 05 @ 3' (H260875-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2026	ND	2.04	102	2.00	0.561	
Toluene*	<0.050	0.050	02/14/2026	ND	1.86	93.0	2.00	0.157	
Ethylbenzene*	<0.050	0.050	02/14/2026	ND	1.83	91.5	2.00	1.01	
Total Xylenes*	<0.150	0.150	02/14/2026	ND	5.37	89.5	6.00	0.986	
Total BTX	<0.300	0.300	02/14/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/13/2026	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*	15.5	10.0	02/13/2026	ND	208	104	200	3.80	
DRO >C10-C28*	748	10.0	02/13/2026	ND	191	95.7	200	6.49	
EXT DRO >C28-C36	107	10.0	02/13/2026	ND					

Surrogate: 1-Chlorooctane 79.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/13/2026
 Reported: 02/19/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 02/12/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BH 26 - 05 @ 4' (H260875-02)

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	02/14/2026	ND	2.04	102	2.00	0.561		
Toluene*	<0.050	0.050	02/14/2026	ND	1.86	93.0	2.00	0.157		
Ethylbenzene*	<0.050	0.050	02/14/2026	ND	1.83	91.5	2.00	1.01		
Total Xylenes*	<0.150	0.150	02/14/2026	ND	5.37	89.5	6.00	0.986		
Total BTEX	<0.300	0.300	02/14/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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	<16.0	16.0	02/16/2026	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2026	ND	208	104	200	3.80	
DRO >C10-C28*	83.0	10.0	02/14/2026	ND	191	95.7	200	6.49	
EXT DRO >C28-C36	<10.0	10.0	02/14/2026	ND					

Surrogate: 1-Chlorooctane 58.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 50.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "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

Page 5 of 5

Company Name: <u>Vertex Resource</u>				BILL TO				ANALYSIS REQUEST																					
Project Manager: <u>Chad Hensley</u>				P.O. #: <u>2210431001</u>				BTEX TPH Chloride																					
Address: <u>3101 Boyd drive</u>				Company: <u>Exxon/Mobil</u>																									
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>				Attn: <u>Dale Woodall</u>																									
Phone #: <u>575-725-5001</u> Fax #:				Address: <u>3104 E Greene St</u>																									
Project #: <u>26A-00901</u> Project Owner:				City: <u>Carlsbad</u>																									
Project Name: <u>PLU 22 DTD CVB</u>				State: <u>NM</u> Zip: <u>88220</u>																									
Project Location:				Phone #:																									
Sampler Name: <u>Riley Arnold</u>				Fax #:																									
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING													
										GROUNDWATER																			
										WASTEWATER																			
										SOIL																			
										OIL																			
										SLUDGE																			
										OTHER :																			
										ACID/BASE:																			
										ICE / COOL																			
										OTHER :																			
														DATE		TIME													
														2.12.26		4:00													
														2.12.26		4:10													

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Relinquished By: <u>[Signature]</u>		Date: <u>2.13.20</u>		Received By: <u>[Signature]</u>		Verbal Result: ☐ Yes ☐ No Add'l Phone #:	
Relinquished By:		Time: <u>1:53</u>		Received By:		All Results are emailed. Please provide Email address: <u>Rarnold@vertexresource.com</u>	
Date:		Time:		Date:		REMARKS: <u>Incident ID: NAPP2602937605</u>	
Time:				Time:		GFCM: <u>48605000</u>	
Delivered By: (Circle One)		Observed Temp. °C <u>3.1°C</u>		Sample Condition		CHECKED BY: (Initials) <u>AP</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>32</u>		Cool Intact ☒ Yes ☐ No		Turnaround Time: ☒ Standard ☐ Rush	
				Cool Intact ☐ Yes ☐ No		Bacteria (only) Sample Condition	
						Cool Intact ☐ Yes ☐ No	
						Observed Temp. °C	
						Corrected Temp. °C	

FORM-006 R 3.3 06/03/24

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



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

April 06, 2026

CHAD HENSLEY

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PLU 22 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 03/30/26 13:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
 Reported: 04/06/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BS26 - 01 @ 1' (H261760-01)

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	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTEX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	32.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	526	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	48.8	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 76.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
 Reported: 04/06/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BS26 - 02 @ 1' (H261760-02)

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	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTEX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	32.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	207	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	17.8	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 60.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
Reported: 04/06/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BS26 - 03 @ 1' (H261760-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	32.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	<10.0	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 77.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
Reported: 04/06/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BS26 - 04 @ 1' (H261760-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	<10.0	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 76.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
Reported: 04/06/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BS26 - 05 @ 1' (H261760-05)

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	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTEX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	48.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	484	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	49.3	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 79.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
Reported: 04/06/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BS26 - 06 @ 1' (H261760-06)

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	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTEX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	16.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	<10.0	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 77.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/30/2026
 Reported: 04/06/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BS26 - 07 @ 1' (H261760-07)

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	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTEX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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	32.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	387	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	26.9	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 76.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
Reported: 04/06/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BS26 - 08 @ 1' (H261760-08)

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	03/31/2026	ND	2.03	102	2.00	2.52		
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49		
Total BTEx	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	16.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	35.3	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 79.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
Reported: 04/06/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BS26 - 09 @ 1' (H261760-09)

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	03/31/2026	ND	2.03	102	2.00	2.52		
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49		
Total BTEX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	16.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	14.9	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 78.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
Reported: 04/06/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BS26 - 10 @ 1' (H261760-10)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	48.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	413	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	38.5	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 70.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
 Reported: 04/06/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BS26 - 11 @ 1' (H261760-11)

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	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTEX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	32.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	207	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	25.1	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 79.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
 Reported: 04/06/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BS26 - 12 @ 1' (H261760-12)

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	03/31/2026	ND	2.03	102	2.00	2.52		
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49		
Total BTEX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	32.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	101	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 78.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
 Reported: 04/06/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BS26 - 13 @ 1' (H261760-13)

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	03/31/2026	ND	2.03	102	2.00	2.52		
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49		
Total BTEX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	160	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	<10.0	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 73.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
 Reported: 04/06/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BS26 - 14 @ 1' (H261760-14)

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	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTEX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	144	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	<10.0	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 64.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 61.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
Reported: 04/06/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BS26 - 15 @ 1' (H261760-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2026	ND	2.03	102	2.00	2.52		
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49		
Total BTEX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	32.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	276	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	22.2	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 64.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/30/2026
 Reported: 04/06/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BS26 - 16 @ 1' (H261760-16)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	<16.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	29.0	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 76.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/30/2026
Reported: 04/06/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BS26 - 17 @ 1' (H261760-17)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/31/2026	ND	2.03	102	2.00	2.52		
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55		
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44		
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49		
Total BTX	<0.300	0.300	03/31/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	<16.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	<10.0	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 74.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/30/2026
Reported: 04/06/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 00901
Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: BS26 - 18 @ 1' (H261760-18)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/31/2026	ND	2.03	102	2.00	2.52	
Toluene*	<0.050	0.050	03/31/2026	ND	2.07	104	2.00	5.55	
Ethylbenzene*	<0.050	0.050	03/31/2026	ND	2.11	106	2.00	8.44	
Total Xylenes*	<0.150	0.150	03/31/2026	ND	6.35	106	6.00	8.49	
Total BTX	<0.300	0.300	03/31/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	<16.0	16.0	03/31/2026	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	03/31/2026	ND	224	112	200	1.36	
DRO >C10-C28*	<10.0	10.0	03/31/2026	ND	210	105	200	0.667	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 74.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/30/2026
 Reported: 04/06/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BS26 - 19 @ 1' (H261760-19)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2026	ND	2.28	114	2.00	0.00933	
Toluene*	<0.050	0.050	04/01/2026	ND	2.11	106	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.99	99.3	2.00	4.43	
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.91	98.4	6.00	5.16	
Total BTEX	<0.300	0.300	04/01/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/31/2026	ND	448	112	400	3.51	

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	03/31/2026	ND	211	106	200	7.18	
DRO >C10-C28*	<10.0	10.0	03/31/2026	ND	207	104	200	5.21	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 111 % 52.4-130

Surrogate: 1-Chlorooctadecane 106 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/30/2026
 Reported: 04/06/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 00901
 Project Location: EXXON MOBIL

Sampling Date: 03/27/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BACKFILL (H261760-20)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2026	ND	2.28	114	2.00	0.00933	
Toluene*	<0.050	0.050	04/01/2026	ND	2.11	106	2.00	2.59	
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.99	99.3	2.00	4.43	
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.91	98.4	6.00	5.16	
Total BTEX	<0.300	0.300	04/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/31/2026	ND	448	112	400	3.51	

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	03/31/2026	ND	211	106	200	7.18	
DRO >C10-C28*	<10.0	10.0	03/31/2026	ND	207	104	200	5.21	
EXT DRO >C28-C36	<10.0	10.0	03/31/2026	ND					

Surrogate: 1-Chlorooctane 98.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 96.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Vertex Resource</u>				BILL TO				ANALYSIS REQUEST											
Project Manager: <u>Chad Hensley</u>				P.O. #: <u>2210431001</u>															
Address: <u>3101 Boyd drive</u>				Company: <u>ExxonMobil</u>															
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>				Attn: <u>Dale Woodall</u>															
Phone #: <u>575-725-5001</u> Fax #:				Address: <u>3104 E Greene St</u>															
Project #: <u>26A-0</u> Project Owner:				City: <u>Carlsbad</u>															
Project Name: <u>Poker Lake Unit 22 DTD CVB</u>				State: <u>NM</u> Zip: <u>88220</u>															
Project Location:				Phone #:															
Sampler Name: <u>Riley Arnold</u>				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING		BTEX TPH Chloride								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE						ICE / COOL	OTHER	DATE	TIME
<u>H261760</u>																			
1	BS26-01	2	1'	C	1			X			X		3.27.26	9:36	X				
2	BS26-02	2	1'											9:40	X				
3	BS26-03	2	1'											9:45					
4	BS26-04	2	1'											9:49					
5	BS26-05	2	1'											10:01					
6	BS26-06	2	1'											10:07					
7	BS26-07	2	1'											10:13					
8	BS26-08	2	1'											10:18					
9	BS26-09	2	1'											10:26					
10	BS26-10	2	1'											10:30					

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Relinquished By: <u>[Signature]</u>	Date: <u>8-30-26</u>	Received By: <u>[Signature]</u>	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Time: <u>1:00</u>			All Results are emailed. Please provide Email address: <u>Rarnold@vertexresource.com</u>
Relinquished By:	Date:	Received By:	REMARKS: <u>Incident ID: NAPP2602937605</u>
	Time:		<u>GFCM: 48605000</u>
Delivered By: (Circle One)	Observed Temp. °C <u>0.9</u>	Sample Condition	Turnaround Time: <u>Standard</u> ☒ <u>Rush</u> ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>1.0</u>	Cool Intact ☒ Yes ☐ No ☐ Yes ☐ No	Bacteria (only) Sample Condition
		CHECKED BY: (Initials) <u>PP</u>	Cool Intact ☐ Yes ☐ No ☐ Yes ☐ No
			Thermometer ID #140
			Correction Factor <u>-0.6°C +0.12</u>
			Observed Temp. °C
			Corrected Temp. °C

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



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. #: 2210431001															
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-0 Project Owner:				City: Carlsbad															
Project Name: Poker Lake Unit 22 DTD CVB				State: NM Zip: 88220															
Project Location:				Phone #:															
Sampler Name: Riley Arnold				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.	SAMPLING		BTEX TPH Chloride								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE						ICE / COOL	OTHER	DATE	TIME
H261760																			
11	B526-11 @ 1'	C	1			X				X			3.27.26	10:38	X X X				
12	B526-12 @ 1'													10:46					
13	B526-13 @ 1'													10:52					
14	B526-14 @ 1'													10:59					
15	B526-15 @ 1'													11:06					
16	B526-16 @ 1'													11:09					
17	B526-17 @ 1'													11:17					
18	B526-18 @ 1'													11:22					
19	B526-19 @ 1'													11:29					
20	Backfill													11:32					

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Relinquished By:	Date: 3.30.26	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Time: 1300	Received By:	All Results are emailed. Please provide Email address: Rarnold@vertexresource.com
Delivered By: (Circle One)	Observed Temp. °C 09.2	Sample Condition	REMARKS: Incident ID: NAPP2602937605
Sampler - UPS - Bus - Other:	Corrected Temp. °C 10.2	Cool Intact ☐ Yes ☐ No	Turnaround Time: Standard ☒ Rush
FORM-006 R 3.5 06/03/24		Checked By: (Initials) AP	Thermometer ID #140
			Correction Factor -0.6°C + 0.1°C
			Bacteria (only) Sample Condition
			Cool Intact ☐ Yes ☐ No
			Observed Temp. °C
			Corrected Temp. °C

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



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

April 07, 2026

CHAD HENSLEY

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: PLU 22 DTD CVB

Enclosed are the results of analyses for samples received by the laboratory on 03/31/26 13:35.

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 "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 30 @ 1' (H261818-01)

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	04/01/2026	ND	2.02	101	2.00	7.61	
Toluene*	<0.050	0.050	04/01/2026	ND	2.06	103	2.00	7.89	
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	2.11	106	2.00	9.61	
Total Xylenes*	<0.150	0.150	04/01/2026	ND	6.38	106	6.00	9.88	
Total BTEX	<0.300	0.300	04/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	<16.0	16.0	04/01/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2026	ND	193	96.4	200	3.31	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	204	102	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 55.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 52.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 31 @ 1' (H261818-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.02	101	2.00	7.61		
Toluene*	<0.050	0.050	04/01/2026	ND	2.06	103	2.00	7.89		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	2.11	106	2.00	9.61		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	6.38	106	6.00	9.88		
Total BTX	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	16.0	16.0	04/01/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2026	ND	193	96.4	200	3.31	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	204	102	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 80.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 32 @ 1' (H261818-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.02	101	2.00	7.61		
Toluene*	<0.050	0.050	04/01/2026	ND	2.06	103	2.00	7.89		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	2.11	106	2.00	9.61		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	6.38	106	6.00	9.88		
Total BTX	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	<16.0	16.0	04/01/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2026	ND	193	96.4	200	3.31	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	204	102	200	3.69	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 75.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 33 @ 1' (H261818-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.02	101	2.00	7.61		
Toluene*	<0.050	0.050	04/01/2026	ND	2.06	103	2.00	7.89		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	2.11	106	2.00	9.61		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	6.38	106	6.00	9.88		
Total BTX	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	16.0	16.0	04/01/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2026	ND	215	107	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	203	101	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 84.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
Reported: 04/07/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 0
Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 34 @ 1' (H261818-05)

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	04/01/2026	ND	2.02	101	2.00	7.61		
Toluene*	<0.050	0.050	04/01/2026	ND	2.06	103	2.00	7.89		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	2.11	106	2.00	9.61		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	6.38	106	6.00	9.88		
Total BTEx	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	16.0	16.0	04/01/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2026	ND	215	107	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	203	101	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 87.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.2 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 35 @ 1' (H261818-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.02	101	2.00	7.61		
Toluene*	<0.050	0.050	04/01/2026	ND	2.06	103	2.00	7.89		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	2.11	106	2.00	9.61		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	6.38	106	6.00	9.88		
Total BTX	<0.300	0.300	04/01/2026	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2026	ND	448	112	400	6.90		

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	04/01/2026	ND	215	107	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	203	101	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 83.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
Reported: 04/07/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 0
Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 36 @ 1' (H261818-07)

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	04/01/2026	ND	2.02	101	2.00	7.61		
Toluene*	<0.050	0.050	04/01/2026	ND	2.06	103	2.00	7.89		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	2.11	106	2.00	9.61		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	6.38	106	6.00	9.88		
Total BTEX	<0.300	0.300	04/01/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/01/2026	ND	448	112	400	6.90	

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	04/01/2026	ND	215	107	200	3.21	
DRO >C10-C28*	645	10.0	04/01/2026	ND	203	101	200	4.01	
EXT DRO >C28-C36	77.6	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 88.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
Reported: 04/07/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 0
Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WS 26 - 01 @ 0-1' (H261818-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.02	101	2.00	7.61		
Toluene*	<0.050	0.050	04/01/2026	ND	2.06	103	2.00	7.89		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	2.11	106	2.00	9.61		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	6.38	106	6.00	9.88		
Total BTX	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	96.0	16.0	04/01/2026	ND	448	112	400	6.90		

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	04/01/2026	ND	215	107	200	3.21	
DRO >C10-C28*	362	10.0	04/01/2026	ND	203	101	200	4.01	
EXT DRO >C28-C36	65.8	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 79.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
Reported: 04/07/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 0
Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WS 26 - 02 @ 0-1' (H261818-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.02	101	2.00	7.61		
Toluene*	<0.050	0.050	04/01/2026	ND	2.06	103	2.00	7.89		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	2.11	106	2.00	9.61		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	6.38	106	6.00	9.88		
Total BTX	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	64.0	16.0	04/01/2026	ND	448	112	400	6.90		

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	04/01/2026	ND	215	107	200	3.21	
DRO >C10-C28*	436	10.0	04/01/2026	ND	203	101	200	4.01	
EXT DRO >C28-C36	82.5	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 83.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WS 26 - 03 @ 0-1' (H261818-10)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2026	ND	2.00	100	2.00	0.327	
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63	
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216	
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209	
Total BTX	<0.300	0.300	04/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 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	80.0	16.0	04/01/2026	ND	448	112	400	6.90	

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	04/01/2026	ND	215	107	200	3.21	
DRO >C10-C28*	184	10.0	04/01/2026	ND	203	101	200	4.01	
EXT DRO >C28-C36	13.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 75.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SS 26 - 01 @ 0' (H261818-11)

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	04/01/2026	ND	2.00	100	2.00	0.327	
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63	
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216	
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209	
Total BTEX	<0.300	0.300	04/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 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	80.0	16.0	04/01/2026	ND	448	112	400	6.90	

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	04/01/2026	ND	215	107	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	203	101	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 86.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 20 @ 1' (H261818-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.00	100	2.00	0.327		
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209		
Total BTEX	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	32.0	16.0	04/01/2026	ND	448	112	400	6.90		

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	04/01/2026	ND	215	107	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	203	101	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 86.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.5 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 21 @ 1' (H261818-13)

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	04/01/2026	ND	2.00	100	2.00	0.327		
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209		
Total BTEX	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	<16.0	16.0	04/01/2026	ND	448	112	400	6.90		

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	04/01/2026	ND	215	107	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	203	101	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 83.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
Reported: 04/07/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 0
Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 22 @ 1' (H261818-14)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.00	100	2.00	0.327		
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209		
Total BTX	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 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	<16.0	16.0	04/01/2026	ND	448	112	400	6.90		

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	04/01/2026	ND	215	107	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	203	101	200	4.01	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 77.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 23 @ 1' (H261818-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2026	ND	2.00	100	2.00	0.327	
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63	
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216	
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209	
Total BTEX	<0.300	0.300	04/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/01/2026	ND	448	112	400	6.90	

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	04/01/2026	ND	197	98.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	223	111	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 78.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.3 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 24 @ 1' (H261818-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.00	100	2.00	0.327		
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209		
Total BTEX	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2026	ND	448	112	400	6.90		

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	04/01/2026	ND	197	98.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	223	111	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 82.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.9 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 25 @ 1' (H261818-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.00	100	2.00	0.327		
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209		
Total BTEx	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2026	ND	448	112	400	6.90		

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	04/01/2026	ND	197	98.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	223	111	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 83.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 26 @ 1' (H261818-18)

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	04/01/2026	ND	2.00	100	2.00	0.327		
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209		
Total BTEX	<0.300	0.300	04/01/2026	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	<16.0	16.0	04/01/2026	ND	448	112	400	6.90	

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	04/01/2026	ND	197	98.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	223	111	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 89.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/31/2026
 Reported: 04/07/2026
 Project Name: PLU 22 DTD CVB
 Project Number: 26A - 0
 Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 27 @ 1' (H261818-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2026	ND	2.00	100	2.00	0.327	
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63	
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216	
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209	
Total BTEX	<0.300	0.300	04/01/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	<16.0	16.0	04/01/2026	ND	448	112	400	6.90	

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	04/01/2026	ND	197	98.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	223	111	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 86.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 03/31/2026
Reported: 04/07/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 0
Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 28 @ 1' (H261818-20)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.00	100	2.00	0.327		
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209		
Total BTEX	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2026	ND	448	112	400	6.90		

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	04/01/2026	ND	197	98.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	223	111	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 84.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.0 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/31/2026
Reported: 04/07/2026
Project Name: PLU 22 DTD CVB
Project Number: 26A - 0
Project Location: EXXON MOBIL

Sampling Date: 03/30/2026
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BS 26 - 29 @ 1' (H261818-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2026	ND	2.00	100	2.00	0.327		
Toluene*	<0.050	0.050	04/01/2026	ND	1.89	94.4	2.00	1.63		
Ethylbenzene*	<0.050	0.050	04/01/2026	ND	1.74	87.0	2.00	0.216		
Total Xylenes*	<0.150	0.150	04/01/2026	ND	5.13	85.5	6.00	0.209		
Total BTEX	<0.300	0.300	04/01/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	<16.0	16.0	04/01/2026	ND	448	112	400	6.90		

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	04/01/2026	ND	197	98.4	200	3.43	
DRO >C10-C28*	<10.0	10.0	04/01/2026	ND	223	111	200	4.79	
EXT DRO >C28-C36	<10.0	10.0	04/01/2026	ND					

Surrogate: 1-Chlorooctane 87.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.8 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

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. #: 2210431001															
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-0 Project Owner:				City: Carlsbad															
Project Name: Poker Lake Unit 22 DTD CVB				State: NM Zip: 88220															
Project Location:				Phone #:															
Sampler Name: Riley Arnold				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING		BTEX TPH Chloride							
						GROUNDWATER													
						WASTEWATER													
						SOIL													
						OIL													
						SLUDGE													
						OTHER:													
						ACID/BASE:													
						ICE / COOL													
						OTHER:													
						DATE		TIME											
H261818																			
1		8526-30 @ 1'		C 1		X		X		3.30.26 10:21									
2		8526-31 @ 1'								10:24									
3		8526-32 @ 1'								10:29									
4		8526-33 @ 1'								10:33									
5		8526-34 @ 1'								10:37									
6		8526-35 @ 1'								10:40									
7		8526-36 @ 1'								10:44									
8		W526-01 @ 0-1'								10:49									
9		W526-02 @ 0-1'								10:53									
10		W526-03 @ 0-1'								10:57									

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Relinquished By: [Signature]		Date: 3-31-26	Received By: [Signature]		Verbal Result: ☐ Yes ☐ No Add'l Phone #:	
Time: 1335		Time: 1335		All Results are emailed. Please provide Email address: Rarnold@vertexresource.com		
Relinquished By:		Date:	Received By:		REMARKS: Incident ID: NAPP2602937605	
Time:				GFCM: 48605000		
Delivered By: (Circle One)		Observed Temp. °C 3.4	Sample Condition		Turnaround Time: Standard ☒ Rush ☐	
Sampler - UPS - Bus - Other:		Corrected Temp. °C 3.5	Cool ☒ Intact ☒ Yes ☐ No ☐		Bacteria (only) Sample Condition Cool ☐ Intact ☐ Yes ☐ No ☐	
FORM-006 R 3-3-08/03/24		CHECKED BY: (Initials) [Signature]		Thermometer ID #140 Correction Factor -0.6°C		
				Observed Temp. °C 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				BILL TO				ANALYSIS REQUEST																					
Project Manager: Chad Hensley				P.O. #: 2210431001				BTEX TPH Chloride																					
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-0 Project Owner:				City: Carlsbad																									
Project Name: Poker Lake Unit 22 DTD CVB				State: NM Zip: 88220																									
Project Location:				Phone #:																									
Sampler Name: Riley Arnold				Fax #:																									
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME															
H261818 11	5526-01 20'	C	1			X					X		3.30.26	11:07	X	X	X												

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Relinquished By:	Date: 3-31-26 Time: 1335	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: Rarnold@vertexresource.com
	Time:		REMARKS: Incident ID: NAPP2602937605 GFCM: 48605000
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 3.4 Corrected Temp. °C 3.5	Sample Condition Cool ☒ Intact ☒ ☐ Yes ☐ No ☐ Yes ☐ No	CHECKED BY: (Initials)
		Turnaround Time: Standard ☒ Rush ☐	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ☐ Yes ☐ No ☐ Yes ☐ No Corrected Temp. °C
		Thermometer ID #140 Correction Factor -0.5 to 0.1c	

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Vertex Resource</u>				BILL TO				ANALYSIS REQUEST														
Project Manager: <u>Chad Hensley</u>				P.O. #: <u>2210431001</u>																		
Address: <u>3101 Boyd drive</u>				Company: <u>ExxonMobil</u>																		
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>				Attn: <u>Dale Woodall</u>																		
Phone #: <u>575-725-5001</u> Fax #:				Address: <u>3104 E Greene St</u>																		
Project #: <u>26A-0</u> Project Owner:				City: <u>Carlsbad</u>																		
Project Name: <u>Poker Lake Unit 22 DTD CVB</u>				State: <u>NM</u> Zip: <u>88220</u>																		
Project Location:				Phone #:																		
Sampler Name: <u>Riley Arnold</u>				Fax #:																		
FOR LAB USE ONLY																						
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING														
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME								
<u>H261818</u>																						
<u>12</u>	<u>B526-20 @ 1'</u>	<u>C</u>	<u>1</u>			<u>X</u>					<u>X</u>		<u>3.30.26</u>	<u>9:36</u>	<u>X</u>	<u>X</u>	<u>X</u>					
<u>13</u>	<u>B526-21 @ 1'</u>													<u>9:39</u>								
<u>14</u>	<u>B526-22 @ 1'</u>													<u>9:44</u>								
<u>15</u>	<u>B526-23 @ 1'</u>													<u>9:49</u>								
<u>16</u>	<u>B526-24 @ 1'</u>													<u>9:52</u>								
<u>17</u>	<u>B526-25 @ 1'</u>													<u>9:57</u>								
<u>18</u>	<u>B526-26 @ 1'</u>													<u>10:03</u>								
<u>19</u>	<u>B526-27 @ 1'</u>													<u>10:09</u>								
<u>20</u>	<u>B526-28 @ 1'</u>													<u>10:14</u>								
<u>21</u>	<u>B526-29 @ 1'</u>													<u>10:18</u>								

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Relinquished By: <u>[Signature]</u>	Date: <u>3-31-26</u> Time: <u>1335</u>	Received By: <u>[Signature]</u>	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: <u>Rarnold@vertexresource.com</u>
Time:			REMARKS: <u>Incident ID: NAPP2602937605</u>
Delivered By: (Circle One)	Observed Temp. °C <u>3.4</u>	Sample Condition	Turnaround Time: <u>Standard</u> ☒ <u>Rush</u> ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>3.5</u>	☐ Yes ☒ No ☐ Yes ☒ No	Thermometer ID #140 Correction Factor <u>-0.5°C</u> <u>+0.1°C</u>
		CHECKED BY: (Initials) <u>[Signature]</u>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C ☐ Yes ☒ No ☐ No ☒ No Corrected Temp. °C

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsonm.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 592396

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 592396
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2602937605
Incident Name	NAPP2602937605 POKER LAKE UNIT 22 DTD CVB @ FAPP2329131432
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2329131432] PLU 22 DTD CVB

Location of Release Source

Please answer all the questions in this group.

Site Name	POKER LAKE UNIT 22 DTD CVB
Date Release Discovered	01/26/2026
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Cause: Equipment Failure Valve Crude Oil Released: 7 BBL Recovered: 0 BBL Lost: 7 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	6.66 bbls of produced oil was released onto permeable surface due to valve freezing.

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QUESTIONS, Page 2

Action 592396

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 592396
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 06/08/2026
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QUESTIONS, Page 3

Action 592396

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 592396
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (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 ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 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	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	144
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	51890
GRO+DRO (EPA SW-846 Method 8015M)	46120
BTEX (EPA SW-846 Method 8021B or 8260B)	87
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	03/02/2026
On what date will (or did) the final sampling or liner inspection occur	02/04/2026
On what date will (or was) the remediation complete(d)	05/04/2026
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	7126
What is the estimated volume (in cubic yards) that will be remediated	264
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 592396

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 592396
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 06/08/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 592396

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 592396
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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

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Action 592396

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 592396
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	566550
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/30/2026
What was the (estimated) number of samples that were to be gathered	33
What was the sampling surface area in square feet	6600

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	7109
What was the total volume (cubic yards) remediated	264
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 06/08/2026
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Action 592396

QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 592396

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	6/12/2026