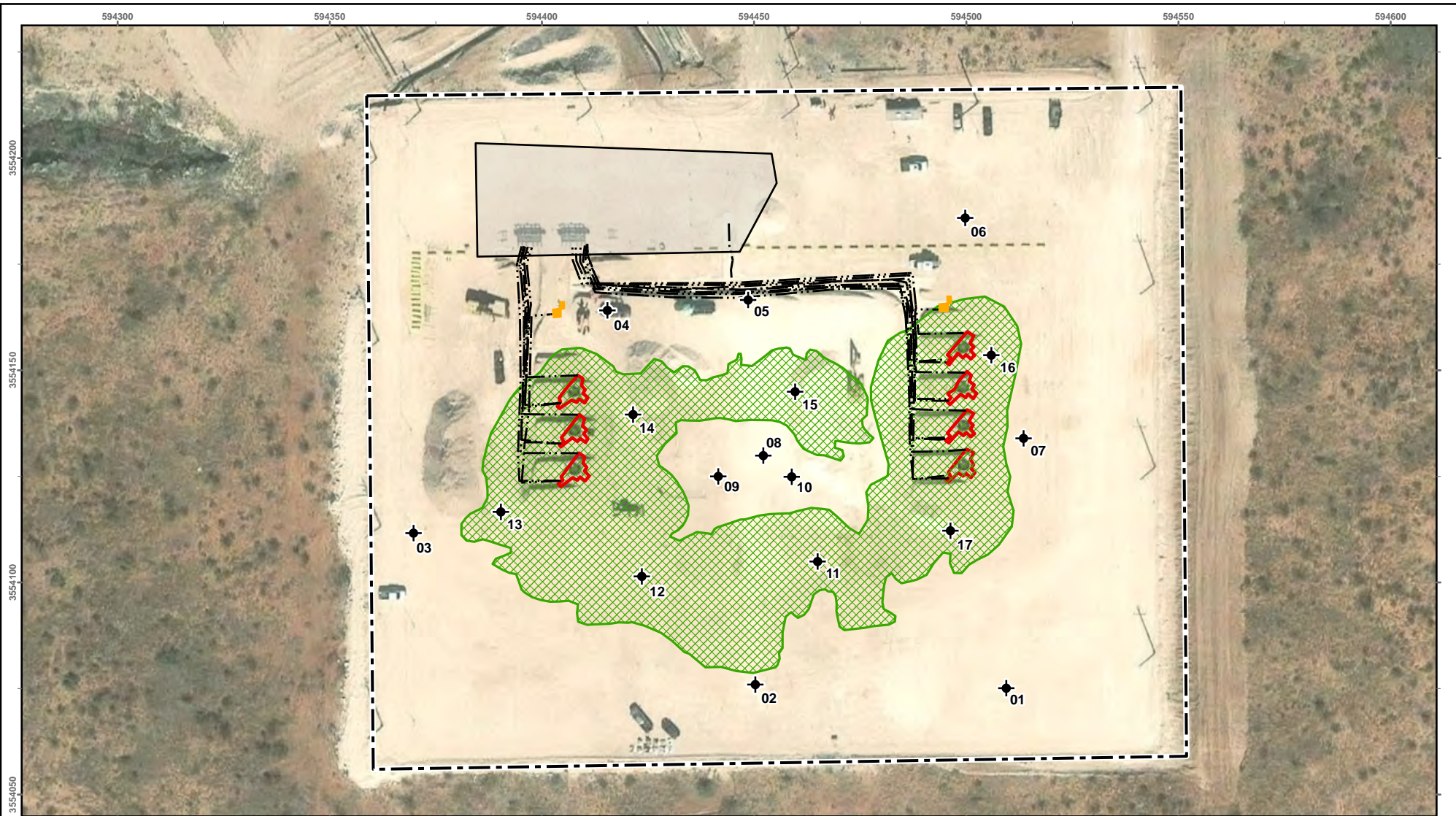
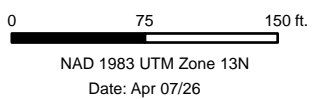


Figures

Document Path: S:\04 - Geomatics\1-Projects\1. US PROJECTS\ExxonMobil Upstream Comp. (Former XTO)\XTO Energy\202826A-00691-Corral Canyon 20-32 FED State C 306H\00 - ArcPro\Corral Canyon 20-32 FED State C 306H.aprx



- ◆ Borehole (Prefixed by "BH26-")
- Pipeline (Underground)
- — — Approximate Lease Boundary
- Electrical Box
- Production Equipment
- ▨ Release Area (~69,481.77 sq.ft. | 2,087.12 ft.)
- ▭ Wellhead



Map Center:
 Lat: 32.119661°N,
 Long: 103.998839°W



Characterization Schematic
 Corral Canyon 20-32 FED State Com 306H

FIGURE:
1



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

Note: Georeferenced image from Esri, 2025. Approximate lease boundary from imagery by Vertex Professional Services Ltd. (VPS), 2026. Boreholes and site features from GPS by VPS, 2026.

VERSATILITY. EXPERTISE.

Table

Client Name: ExxonMobil Production Company
 Site Name: Corral Canyon 20-32 FED State Com 306H
 NMOCD Tracking #: nAPP2601529351
 Project #: 26A-00691
 Lab Reports: H261454 and H261875

Table 3. Initial Characterization Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
BH26-01	0	March 13, 2026	ND	ND	ND	ND	ND	ND	ND	416
	1R	March 13, 2026	ND	ND	ND	ND	ND	ND	ND	320
BH26-02	0	March 12, 2026	ND	ND	ND	ND	ND	ND	ND	224
	1R	March 12, 2026	ND	ND	ND	ND	ND	ND	ND	64
BH26-03	0	March 12, 2026	ND	ND	ND	ND	ND	ND	ND	368
	1R	March 12, 2026	ND	ND	ND	ND	ND	ND	ND	432
BH26-04	0	March 12, 2026	ND	ND	ND	19	ND	19	19	304
	1R	March 12, 2026	ND	ND	ND	11	ND	11	11	336
BH26-05	0	March 12, 2026	ND	ND	ND	ND	ND	ND	ND	288
	1R	March 12, 2026	ND	ND	ND	ND	ND	ND	ND	400
BH26-06	0	March 12, 2026	ND	ND	ND	ND	ND	ND	ND	352
	1R	March 12, 2026	ND	ND	ND	ND	ND	ND	ND	384
BH26-07	0	March 12, 2026	ND	ND	ND	ND	ND	ND	ND	304
	1	March 12, 2026	ND	ND	ND	ND	ND	ND	ND	304
BH26-08	0	March 12, 2026	ND	ND	ND	13	ND	13	13	2640
	0.5R	March 13, 2026	ND	ND	ND	ND	ND	ND	ND	2160
	1	March 31, 2026	ND	ND	ND	58	ND	58	58	1950
BH26-09	0	March 12, 2026	ND	ND	ND	126	ND	126	126	6560
	1	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	128
BH26-10	0	March 12, 2026	ND	ND	13	814	178	827	1005	1940
BH26-11	0	March 31, 2026	ND	ND	389	71000	15600	71389	86989	22600
	1	March 31, 2026	ND	ND	39	4000	634	4039	4673	2280
	1.5R	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	160
BH26-12	0	March 31, 2026	ND	ND	799	68100	11100	68899	79999	50400
	1	March 31, 2026	ND	ND	ND	192	16	192	208	3400
	2	March 31, 2026	ND	ND	14	976	127	990	1117	1020
	3R	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	256
BH26-13	0	March 31, 2026	ND	ND	ND	36800	6510	36800	43310	84000
	1	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	5040
	2	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	976
	3R	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	224
BH26-14	0	March 31, 2026	ND	0.455	215	32300	6400	32515	38915	49600
	1	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	576
	2	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	272
	3R	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	240
BH26-15	0	March 31, 2026	ND	ND	671	75900	13900	76571	90471	11400
	1	March 31, 2026	ND	ND	ND	183	46	183	229	192
	1.5R	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	128



Client Name: ExxonMobil Production Company
 Site Name: Corral Canyon 20-32 FED State Com 306H
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			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
BH26-16	0	March 31, 2026	ND	ND	12	2710	37	2722	2759	416
	1	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	224
	2	March 31, 2026	ND	ND	ND	ND	ND	ND	ND	128
BH26-17	0	March 31, 2026	ND	ND	163	24400	4800	24563	29363	1170
	1	March 31, 2026	ND	ND	ND	16	ND	16	16	560
	2	March 31, 2026	ND	ND	ND	30	ND	30	30	528

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

"R" Indicates Refusal With Hand Tools

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



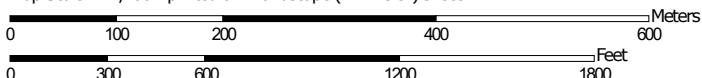
Appendix A. Site Assessment Maps

Plate 1. Soil Classification

Custom Soil Resource Report Soil Map



Map Scale: 1:7,100 if printed on A landscape (11" x 8.5") sheet.



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

Custom Soil Resource Report

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PD	Pajarito-Dune land complex, 0 to 3 percent slopes	62.8	27.1%
PS	Potter-Simona complex, 5 to 25 percent slopes	94.6	40.8%
UG	Upton gravelly loam, 0 to 9 percent slopes	74.6	32.2%
Totals for Area of Interest		232.0	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

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

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

Map Unit Composition

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

Description of Pajarito**Setting**

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

Typical profile

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

Properties and qualities

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

Interpretive groups

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

Custom Soil Resource Report

Description of Dune Land

Setting

Landscape: Sandhills

Landform: Dune fields

Landform position (two-dimensional): Shoulder, backslope, footslope

Landform position (three-dimensional): Talf

Down-slope shape: Linear, convex

Across-slope shape: Linear, convex

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 6 inches: sandy loam

H2 - 6 to 60 inches: sandy loam

Interpretive groups

Land capability classification (irrigated): None specified

Ecological site: R070BD003NM - Loamy Sand

Hydric soil rating: No

Minor Components

Rock outcrop

Percent of map unit: 5 percent

Hydric soil rating: No

Largo

Percent of map unit: 4 percent

Ecological site: R070BC007NM - Loamy

Hydric soil rating: No

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

Map Unit Setting

National map unit symbol: 1w57

Landscape: Uplands

Elevation: 2,750 to 5,000 feet

Mean annual precipitation: 8 to 16 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 230 days

Farmland classification: Not prime farmland

Map Unit Composition

Potter and similar soils: 80 percent

Simona and similar soils: 15 percent

Minor components: 5 percent

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

Custom Soil Resource Report

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

Custom Soil Resource Report

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

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

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

Sodium adsorption ratio, maximum: 1.0

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

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7e

Hydrologic Soil Group: D

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Minor Components**Simona**

Percent of map unit: 3 percent

Ecological site: R070BD002NM - Shallow Sandy

Hydric soil rating: No

Rock outcrop

Percent of map unit: 2 percent

Hydric soil rating: No

UG—Upton gravelly loam, 0 to 9 percent slopes**Map Unit Setting**

National map unit symbol: 1w64

Landscape: Uplands

Elevation: 1,100 to 4,400 feet

Mean annual precipitation: 7 to 15 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Upton and similar soils: 96 percent

Minor components: 4 percent

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

Description of Upton**Setting**

Landscape: Uplands

Landform: Fans, Ridges

Landform position (three-dimensional): Side slope, rise

Custom Soil Resource Report

Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone

Typical profile

H1 - 0 to 9 inches: gravelly loam
H2 - 9 to 13 inches: gravelly loam
H3 - 13 to 21 inches: cemented
H4 - 21 to 60 inches: very gravelly loam

Properties and qualities

Slope: 0 to 9 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Low to moderately high (0.01 to 0.60 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 75 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 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D
Ecological site: R070BC025NM - Shallow
Hydric soil rating: No

Minor Components**Reagan**

Percent of map unit: 1 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Atoka

Percent of map unit: 1 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Atoka

Percent of map unit: 1 percent
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Upton



Percent of map unit: 1 percent
Ecological site: R070BC025NM - Shallow
Hydric soil rating: No


Plate 2. Depth-to-Water

Corral Canyon 20-32 FED State C 306H


5,498 feet from nearest USGS reference well

Legend

-  5,498 ft
-  Corral Canyon 20-32 FED State C 306H

 Spartan staging area

320719103584601

32.11968, -103.99776 



500 m

Plate 3. Surface Water

U.S. Fish and Wildlife Service
National Wetlands Inventory

Plate 03.1_Watercourse 845 ft



January 23, 2026

Wetlands

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

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



U.S. Fish and Wildlife Service

National Wetlands Inventory

Plate 3.2_Freshwater Emergent Wetland Playa 3854 ft



January 23, 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.

Corral Canyon 20-32 Federal State C 306H

'Guy' spring located 4,424 feet away from site


 Reference Locations

Plate 3.3





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

Corral Canyon 20-32 FED State C 306H

33,165 feet from nearest residence

Legend

-  Corral Canyon 20-32 FED State C 306H
-  33,165 ft



Malaga

Resident

Resident

285

32.11968, -103.99776

Pecos River



Plate 5. Wetlands



U.S. Fish and Wildlife Service

National Wetlands Inventory

Plate 05_Wetland 3854 ft



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

January 23, 2026

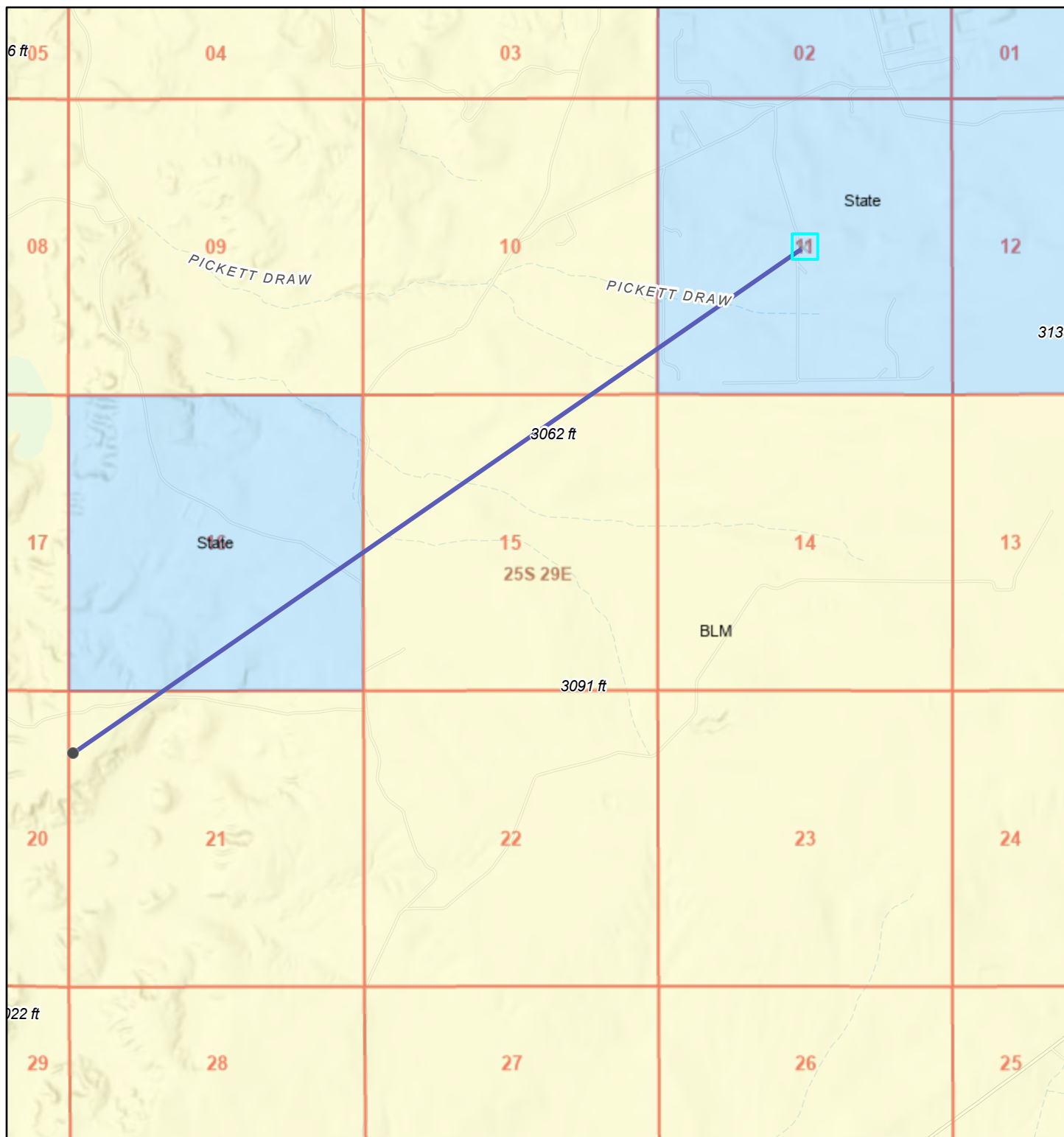
Wetlands

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

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

Plate 6. Mine/Minerals

Corral Canyon 20-32 FED State C 306H, 16,000 ft



1/26/2026, 2:58:13 PM

1:36,112

Registered Mines

S

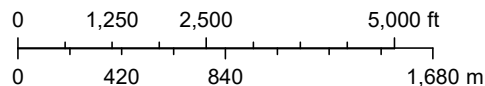
✕ Aggregate, Stone etc.

PLSS First Division

Land Ownership

PLSS Townships

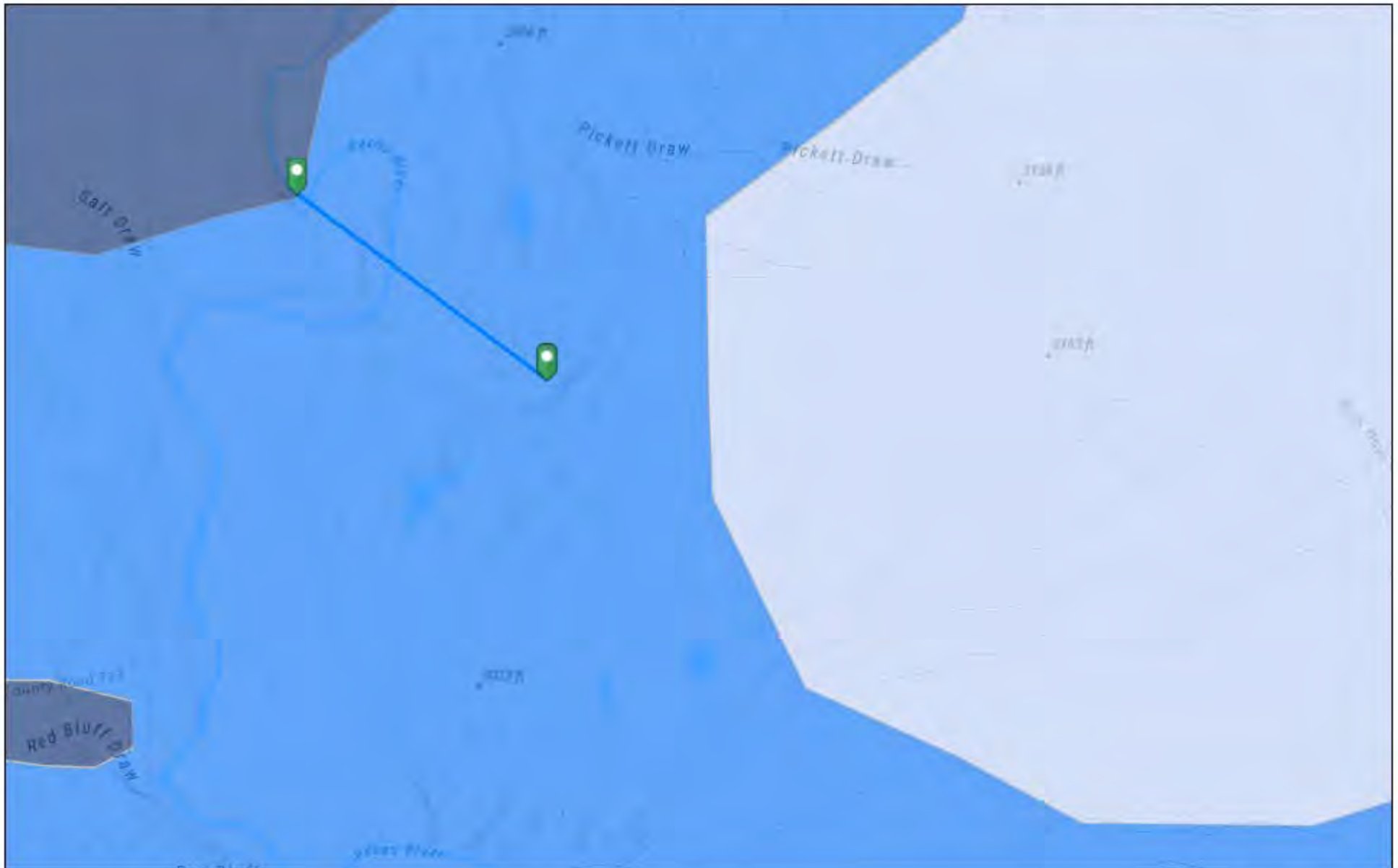
BLM



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




Plate 7. Karst

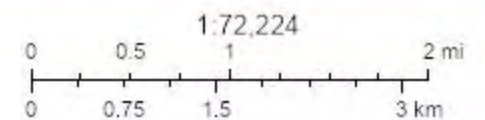
09_Corral Canyon 20-32 Federal State C 306H_Karst_11449 ft



1/27/2026, 1:28:33 PM

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

Plate 8. Flood Hazard

National Flood Hazard Layer FIRMMette



104°0'11"W 32°7'26"N



Legend

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

- | | | |
|------------------------------------|--|--|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
<i>Zone A, V, A99</i> |
| | | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i> |
| | | 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 <i>Zone X</i> |
| | | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | | Area with Flood Risk due to Levee <i>Zone D</i> |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard <i>Zone D</i> |
| | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| MAP PANELS | | Coastal Transect Baseline |
| | | Profile Baseline |
| | | Hydrographic Feature |
| | | 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.



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

1:6,000

103°59'34"W 32°6'56"N

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/23/2026 at 6:36 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



Printable Reports		
Agency	Report	Result
US Fish & Wildlife	Information for Planning and Consultation (IPaC)	-----
	(Potentially) Endangered Species	5
	Bald & Golden Eagles	0
	Migratory Birds	0
	Facilities	0
	Wetlands	0
Vertex "Habitats" GIS Map		
Agency	Layer	Result
BLM		
	Special Status Plant and Wildlife Habitat	-----
	Potential Habitat (Planning Area Only)	2
	Dunes Sage Brush Lizard	None
	Lesser Prairie Chicken	None
	Lesser Prairie Chicken Timing Restriction	None
	Natl Designated Areas of Critical Environmental Concern	None
NM Game and Fish		
	NM Crucial Habitat Assessment Tool (NM CHAT)	-----
	Crucial Habitat	1
	Species of Concern	1
	Large Natural Areas	2
	Natural Vegetation	0/6
	Terrestrial SERI	3
	Aquatic SERI	0/6
	Fresh Water Integrity	5
	Weland and Riparian Areas	0/6
	NM State Wildlife Action Plan (SWAP) Macrogroups	Chihuahuan Desert Scrub
	NM Important Plant Areas	None
	Riparian Corridors	-----
	Upper Rio Grande	None
	Middle Rio Grande	None
	Canadian Upper Pecos	None
	Gila Region San Juan	None
	Lower Pecos Tularosa basin	None
	NM Riparian Corridor	None
US Fish & Wildlife		
	Critical Habitat for Threatened and Endangered Species	None
NM Natural Heritage		
	Federal Threatened and Endangered (Fed T&E)	1
	State Threatened and Endangered (State T&E)	1
NM State Forestry		
	Important Plant Area (IPA)	None



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:

01/28/2026 17:32:58 UTC

Project Code: 2026-0042181

Project Name: Corral Canyon 20-32 FED State C 306H

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: 2026-0042181

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PROJECT SUMMARY

Project Code: 2026-0042181
Project Name: Corral Canyon 20-32 FED State C 306H
Project Type: General NRDAR/Spill Response/Environmental Contaminants
Project Description: Release remediation activities
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@32.11970965,-103.99714098472734,14z>



Counties: Eddy County, New Mexico

ENDANGERED SPECIES ACT SPECIES

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

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

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

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

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

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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/4ENHAECLINE3NJE4I7TNJICIQQ/documents/generated/8928.pdf	Experimental Population, Non-Essential
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6749 General project design guidelines: https://ipac.ecosphere.fws.gov/project/4ENHAECLINE3NJE4I7TNJICIQQ/documents/generated/9177.pdf	Endangered

CLAMS

NAME	STATUS
Texas Hornshell <i>Popenaias popeii</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/919 General project design guidelines: https://ipac.ecosphere.fws.gov/project/4ENHAECLINE3NJE4I7TNJICIQQ/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.

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IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Ethan Phillips
Address: 2418 N Frazier Street, Suit 103
City: Conroe
State: TX
Zip: 77303
Email: ephillips@vertexresource.com
Phone: 9365292913



26A-00691

Ecological Review & Summary

Corral Canyon 20-32 FED State C 306H

API: 30-015-56327

Lease Number: NMNM105553338

Coordinates: 32.119813, -103.99825

Prepared for:

ExxonMobil Production Company

Prepared by:

Vertex Resource Services Inc.

Ethan Phillips

February 6, 2026

Ethan Phillips, B.S. Ecology
BIOLOGIST, REPORTING

Date

The proximity of the site to the closest receiving waterbody, listed in the National Wetland Inventory Mapper as a Riverine Intermittently Flooded Streambed (R4SBJ), is approximately 845 feet to the northwest, and the closest freshwater emergent wetland, Palustrine Emergent Persistent Intermittently Flooded Wetland (PEM1J), is approximately 3,854 feet to the southwest. The site generally slopes in the western 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 profiles include: the well-drained and high-runoff Potter-Simona complex and Upton gravelly loam. The site is within the eolian and piedmont alluvial deposits and known carbonate karst features. These environmental factors are accompanied by a low concentration of crucial habitat and New Mexico-listed threatened or endangered species for Eddy County, New Mexico. State-listed species with the potential to occur in Eddy County were reviewed for potential to occur within the project boundaries. Per the United States Fish and Wildlife Service, the site has the potential for the following threatened and endangered species to occur: northern aplomado falcon (*Falco femoralis septentrionalis* – experimental population), piping plover (*Charadrius melodus* – threatened), southwestern willow flycatcher (*Empidonax traillii extimus* – endangered), Texas hornshell (*Popenaias popeii* – endangered), and monarch butterfly (*Danaus plexippus* – proposed threatened). These species were also reviewed for potential to occur within the project boundaries. Due to the release occurring within the disturbance limits of the existing oil and gas pad, it is unlikely that the site activities will impact any federal- or state-protected species during remediation activities. Based on desktop environmental review of the site, no biological surveys are recommended.

Appendix C. Daily Field Reports



Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

02/10/2026

Location: Default Site Location

By: Riley Arnold

Weather	Cloudy	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	09:30	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2601529351

Work Summary:

Spill mapped

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

10:52:12	Travel to site/ safety paperwork
----------	----------------------------------

10:52:27	Frac operations still in progress on west side of pad
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10:52:49	Spill was difficult to map due to Frac/ coil tubing traffic in the area
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10:54:11	Large portions of the pad are contaminated from the Frac and coil tubing operations
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Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 2/10/2026
 Time: 10:56
 Notes: Frac operations in progress
 Latitude: 32.11998888888889
 Longitude: -103.99816111111112
 Direction: E



Date: 2/10/2026
 Time: 10:56
 Notes: Release area mapped
 Latitude: 32.11985
 Longitude: -103.99819166666667
 Direction: NE





Daily Field Log

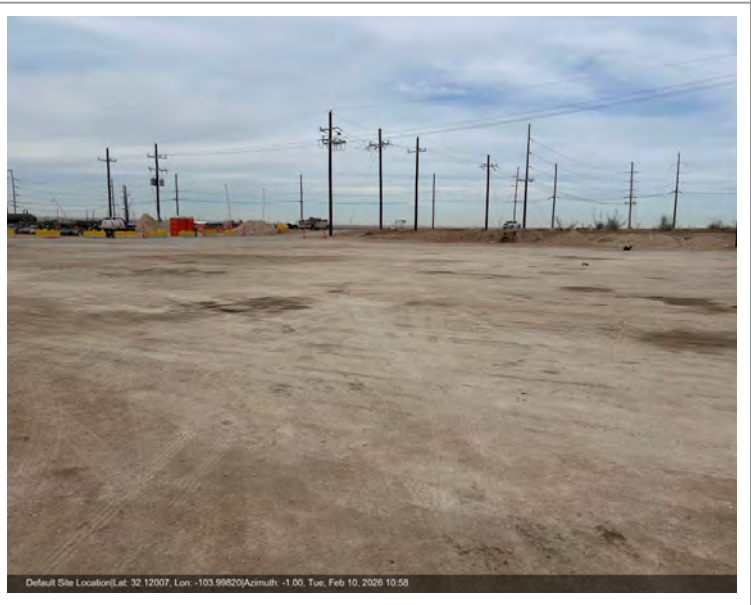
Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 2/10/2026
 Time: 10:58
 Notes: Large portions of the pad are contaminated from the Frac and coil tubing operations
 Latitude: 32.120066666666666
 Longitude: -103.9982
 Direction: N



Date: 2/10/2026
 Time: 10:58
 Notes: Large portions of the pad are contaminated from the Frac and coil tubing operations
 Latitude: 32.120066666666666
 Longitude: -103.9982
 Direction: N





Daily Field Log

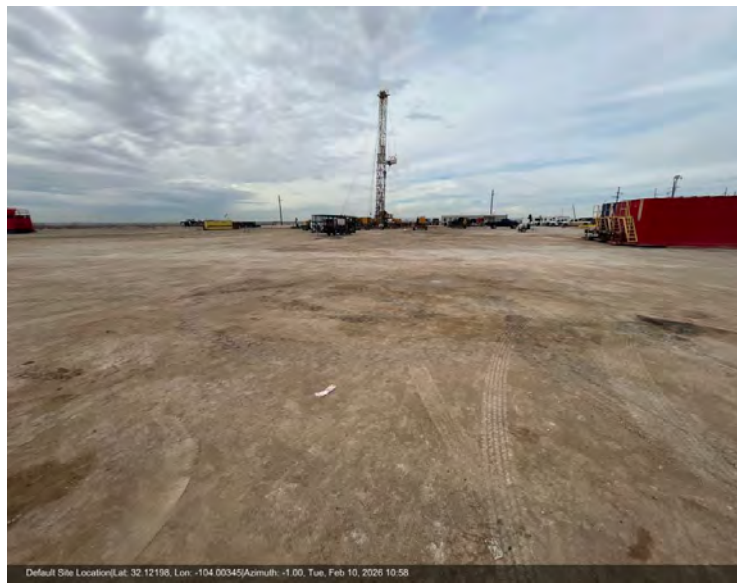
Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 2/10/2026
 Time: 10:58
 Notes: Large portions of the pad are contaminated from the Frac and coil tubing operations
 Latitude: 32.12199444444445
 Longitude: -104.00417222222222
 Direction: N



Date: 2/10/2026
 Time: 10:58
 Notes: Large portions of the pad are contaminated from the Frac and coil tubing operations
 Latitude: 32.12197777777778
 Longitude: -104.00344722222222
 Direction: N





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 2/10/2026
Time: 10:58
Notes: Large portions of the pad are contaminated from the Frac and coil tubing operations
Latitude: 32.12199444444445
Longitude: -104.00417222222222
Direction: N





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

03/10/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	08:34	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2601529351

Work Summary:

Mapping/ delineation

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

09:07:39	Travel to site/ safety paperwork
09:07:51	Stained areas were mapped/ proposed sample points were added to map
12:19:11	BH26-01 through BH26-10 were collected at 0'
12:19:49	All samples were field screened
12:20:00	All samples excluding BH26-02 and BH26-07 were stepped back approximately 20'
14:47:13	All samples that were stepped back and field screened
14:47:32	BH26-01 and BH26-04 through BH26-6 need to be stepped back again
14:48:36	Samples that met criteria were added and labeled

Inspector: Riley Arnold

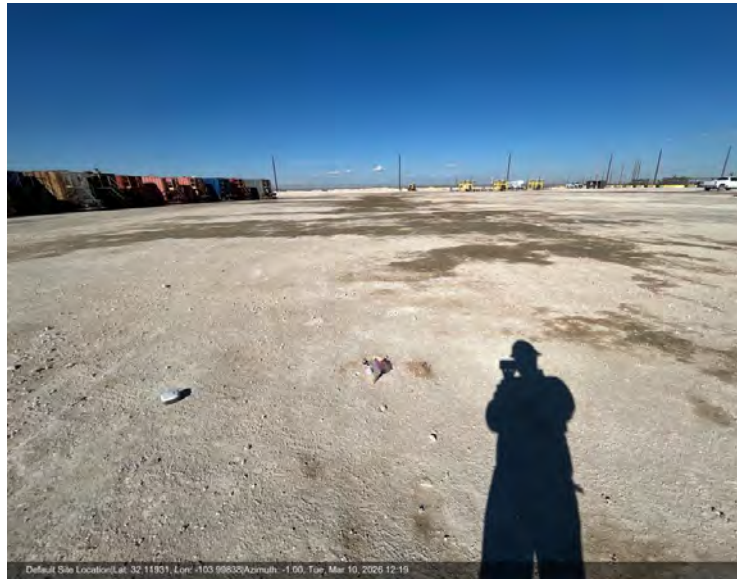


Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/10/2026
 Time: 09:42
 Notes: BH26-01 @ 0'
 Latitude: 32.119308333333336
 Longitude: -103.99838333333334
 Direction: N



Date: 3/10/2026
 Time: 09:49
 Notes: BH26-02 @ 0'
 Latitude: 32.119205555555555
 Longitude: -103.998694444444444
 Direction: S





Daily Field Log

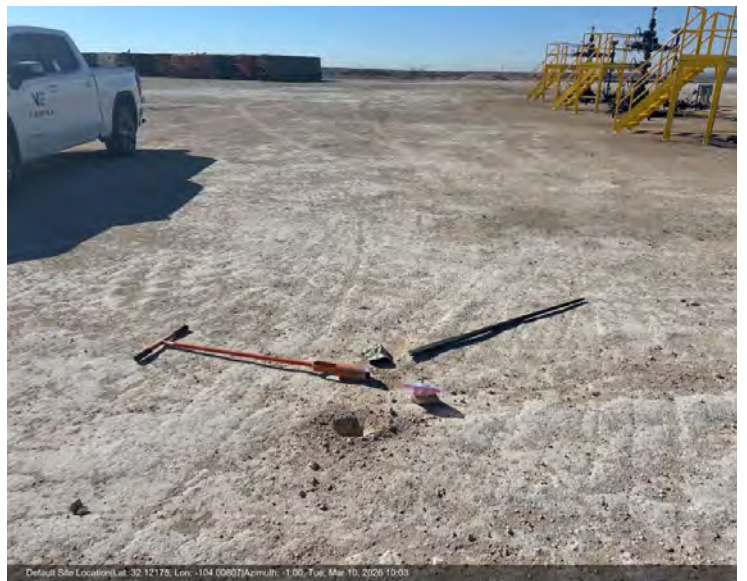
Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/10/2026
 Time: 09:53
 Notes: BH26-03 @ 0'
 Latitude: 32.11945
 Longitude: -103.99956388888889
 Direction: W



Date: 3/10/2026
 Time: 10:03
 Notes: BH26-04 @ 0'
 Latitude: 32.121752777777778
 Longitude: -104.008072222222222
 Direction: W





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/10/2026
 Time: 10:09
 Notes: BH26-05 @ 0'
 Latitude: 32.11985
 Longitude: -103.99868888888889
 Direction: NE



Date: 3/10/2026
 Time: 10:13
 Notes: BH26-06 @ 0'
 Latitude: 32.119952777777776
 Longitude: -103.99863611111111
 Direction: S





Daily Field Log

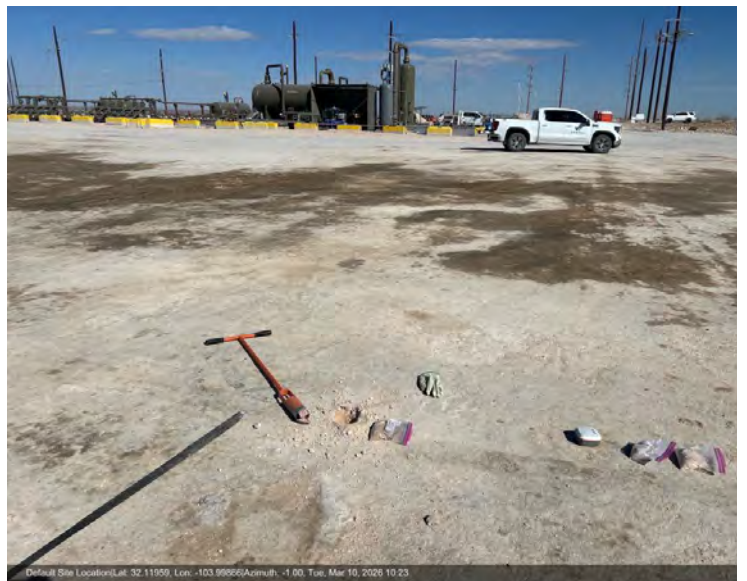
Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/10/2026
 Time: 10:16
 Notes: BH26-07 @ 0'
 Latitude: 32.119591666666665
 Longitude: -103.99806944444444
 Direction: S



Date: 3/10/2026
 Time: 10:23
 Notes: BH26-08 @ 0'
 Latitude: 32.119586111111111
 Longitude: -103.998655555555556
 Direction: E





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/10/2026
 Time: 10:29
 Notes: BH26-09 @ 0'
 Latitude: 32.12029722222222
 Longitude: -103.99775555555556
 Direction: E



Date: 3/10/2026
 Time: 10:33
 Notes: BH26-10 @ 0'
 Latitude: 32.119566666666664
 Longitude: -103.99875555555556
 Direction: N





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/10/2026
 Time: 12:29
 Notes: BH26-01 @ 0'
 Stepped out approximately 20'
 Latitude: 32.12045277777778
 Longitude: -104.00965833333333
 Direction: NE



Date: 3/10/2026
 Time: 12:36
 Notes: BH26-03 @ 0'
 Stepped out approximately 20'
 Latitude: 32.119233333333334
 Longitude: -103.99945833333334
 Direction: S





Daily Field Log

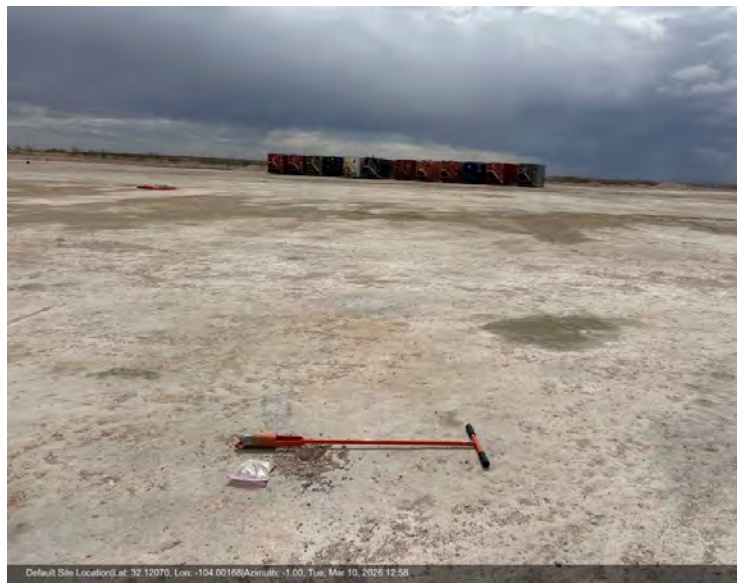
Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/10/2026
 Time: 12:57
 Notes: BH26-06 @ 0'
 Stepped out approximately 20'
 Latitude: 32.11989166666667
 Longitude: -103.99845277777779
 Direction: NE



Date: 3/10/2026
 Time: 12:58
 Notes: BH26-05 @ 0'
 Stepped out approximately 20'
 Latitude: 32.1207
 Longitude: -104.00167777777777
 Direction: N





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/10/2026
 Time: 12:59
 Notes: BH26-04 @ 0'
 Stepped out approximately 20'
 Latitude: 32.11986944444445
 Longitude: -103.99906944444444
 Direction: N



Date: 3/10/2026
 Time: 13:09
 Notes: BH26-08 @ 0'
 Stepped out approximately 20'
 Latitude: 32.11946944444445
 Longitude: -103.99889444444445
 Direction: E





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/10/2026
 Time: 13:13
 Notes: BH26-09 @ 0'
 Stepped out approximately 20'
 Latitude: 32.118002777777775
 Longitude: -104.00283055555556
 Direction: E



Date: 3/10/2026
 Time: 13:16
 Notes: BH26-10 @ 0'
 Stepped out approximately 20'
 Latitude: 32.12165
 Longitude: -104.007636111111111
 Direction: S





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

03/11/2026

Location: Default Site Location

By: Riley Arnold

Weather	High Winds	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	09:30	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2601529351

Work Summary:

Delineation

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

09:54:30 Travel to site/ safety paperwork

09:54:42 BH26-01, BH26-04 through BH26-06 were stepped out approximately 20'

11:55:36 Samples were collected at 0'

11:55:43 Samples were field screened

11:55:45 BH26-01 and BH26-06 had to be stepped out again

15:16:20 BH26-06 and BH26-01 ere stepped out and met criteria for chlorides

15:16:46 BH26-02 through BH26-07 met criteria for TPH, BH26-01 did not and will need to be stepped out again

15:25:14 All samples were jarred and labeled/ coc's were created

Inspector: Riley Arnold

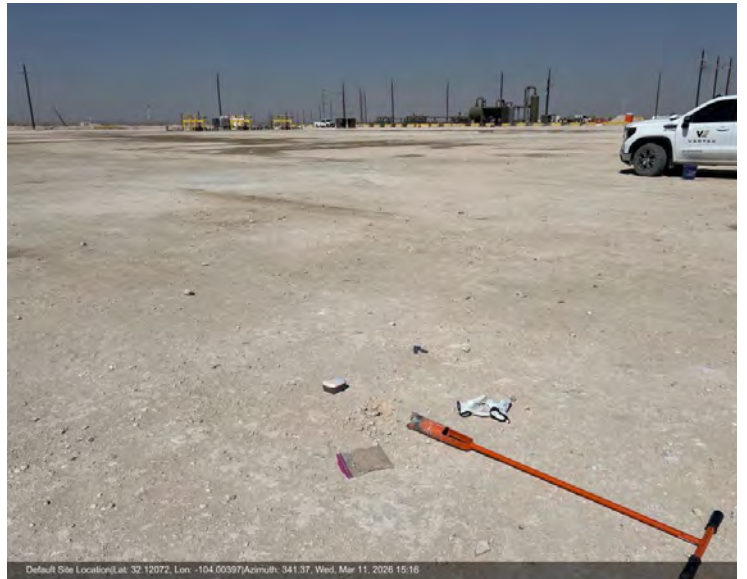


Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/11/2026
 Time: 12:11
 Notes: BH26-01 @ 0 stepped out another 20'
 Latitude: 32.12071666666667
 Longitude: -104.00396666666667
 Direction: N



Date: 3/11/2026
 Time: 12:17
 Notes: BH26-06 @ 0 stepped out another 20'
 Latitude: 32.120536111111115
 Longitude: -103.99749722222222
 Direction: NW





Daily Field Log

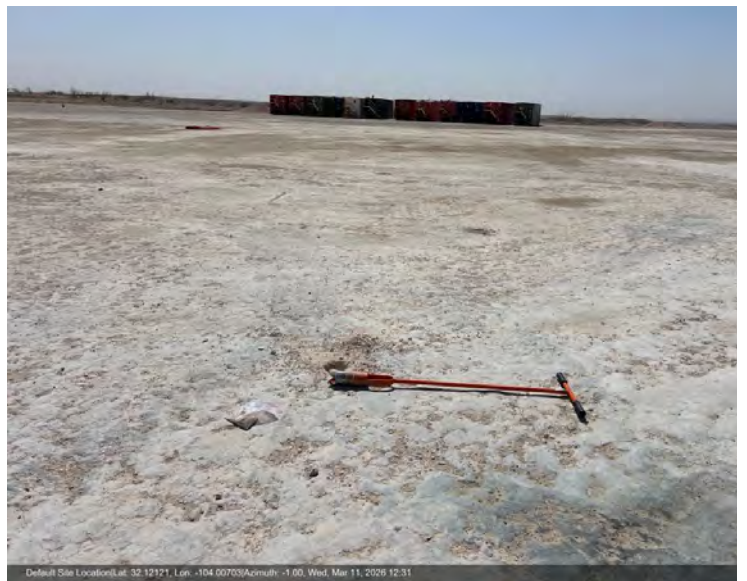
Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/11/2026
 Time: 12:28
 Notes: BH26-04 @ 1' Refusal
 Latitude: 32.12202777777778
 Longitude: -104.00719444444445
 Direction: SW



Date: 3/11/2026
 Time: 12:31
 Notes: BH26-05 @ 1' Refusal
 Latitude: 32.121205555555555
 Longitude: -104.00703333333334
 Direction: W



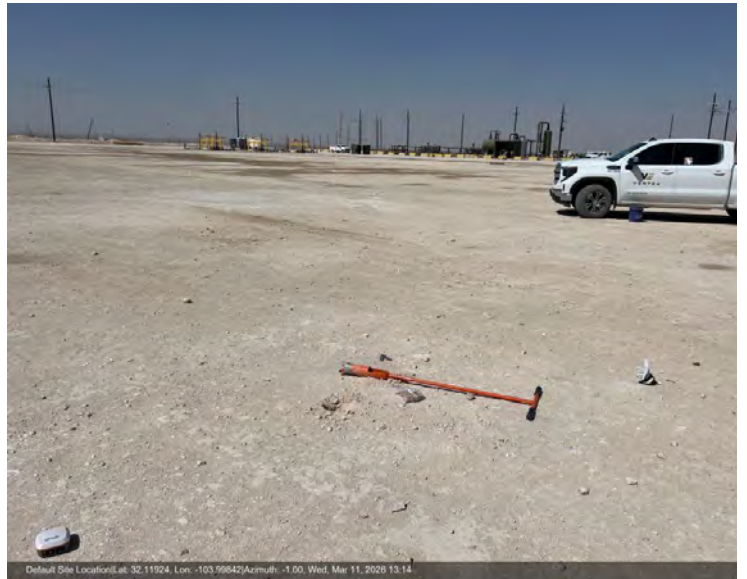


Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/11/2026
Time: 13:14
Notes: BH26-01 @ 1' Refusal
Latitude: 32.11924444444445
Longitude: -103.99841944444445
Direction: S



Default Site Location(Lat: 32.11924, Lon: -103.99842)Azimuth: -1.00, Wed, Mar 11, 2026 13:14

Date: 3/11/2026
Time: 14:57
Notes: BH26-06 @ 1' Refusal
Latitude: 32.12018611111111
Longitude: -103.99824444444445
Direction: E



Default Site Location(Lat: 32.12019, Lon: -103.99824)Azimuth: 341.07, Wed, Mar 11, 2026 14:57

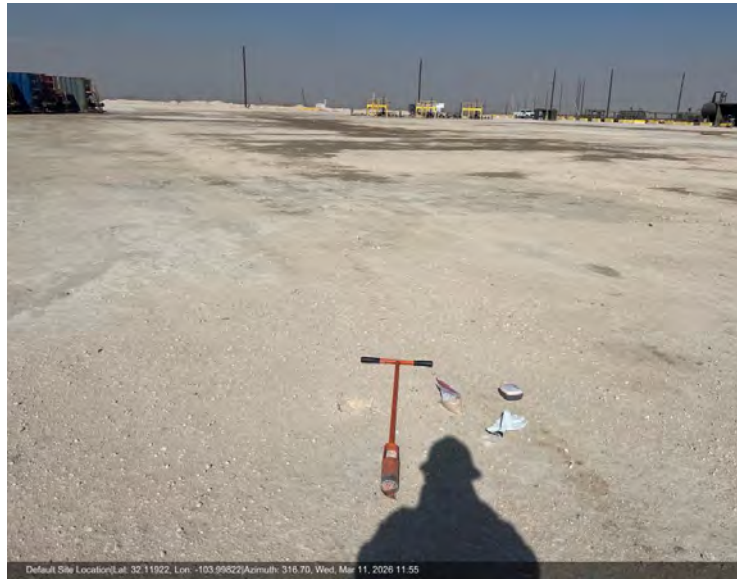


Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/11/2026
 Time: 10:05
 Notes: BH26-01 @ 0 stepped out another 20'
 Latitude: 32.11921666666667
 Longitude: -103.99822222222222
 Direction: S



Date: 3/11/2026
 Time: 10:14
 Notes: BH26-04 @ 0 stepped out another 20'
 Latitude: 32.111783333333335
 Longitude: -103.99847222222222
 Direction: NE





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/11/2026
 Time: 10:20
 Notes: BH26-05 @ 0 stepped out another 20'
 Latitude: 32.11993055555555
 Longitude: -103.99877222222223
 Direction: SE



Date: 3/11/2026
 Time: 10:42
 Notes: BH26-02 @ 1' refusal
 Latitude: 32.1191
 Longitude: -103.99878611111112
 Direction: W





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/11/2026
 Time: 10:53
 Notes: BH26-03 @ 1' refusal
 Latitude: 32.11942777777778
 Longitude: -103.99965555555556
 Direction: W



Date: 3/11/2026
 Time: 11:01
 Notes: BH26-07 @ 1' refusal
 Latitude: 32.119644444444445
 Longitude: -103.99807777777778
 Direction: NW





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

03/13/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	09:26	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2601529351

Work Summary:

Delineation

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

10:05:37	Travel to site/ safety paperwork
10:06:19	BH26-01 was collected at 0' and 1' refusal
14:16:38	BH26-08 was collected at 0.5' Refusal
14:16:55	Samples were field screened
14:17:04	Samples were jarred and labels/ coc's were created

Inspector: Riley Arnold



Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/13/2026
 Time: 10:17
 Notes: BH26-01 @ 0'
 BH26-01 @ 1' Refusal
 stepped out again
 Latitude: 32.12125277777778
 Longitude: -104.00823888888888
 Direction: NE



Date: 3/13/2026
 Time: 10:31
 Notes: BH26-08 @ 0.5' Refusal
 Latitude: 32.119511111111111
 Longitude: -103.99867222222223
 Direction: W





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

03/31/2026

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	09:01	Equipment On Site	Backhoe and hand tools
Tailgate meeting conducted	Yes	Incident ID Number	nAPP2601529351

Work Summary:

Mechanical delineation

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

09:40:37 Travel to site/ safety paperwork

09:40:54 BH26-08 was collected at 1' and 2' refusal

12:02:59 BH26-11 through BH26-17 were collected at 0, 1, and 2' or refusal

16:33:32 Samples were field screened

16:33:47 BH26-12 through BH26-14 and BS26-17 hit refusal at 3'

17:15:00 Samples were field screened

17:15:08 Samples were jarred and labeled

17:15:18 Coc's were created

Inspector: Riley Arnold



Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/31/2026
 Time: 10:03
 Notes: BH26-08 @ 1'
 BH26-08 @ 2' Refusal
 Bedrock at 2'
 Latitude: 32.11971388888889
 Longitude: -103.99883333333334
 Direction: W



Date: 3/31/2026
 Time: 10:18
 Notes: BH26-11 @ 0'
 BH26-11 @ 1'
 BH26-11 @ 1.5 Refusal
 Bedrock at 1.5'
 Latitude: 32.11938055555556
 Longitude: -103.99883888888888
 Direction: E





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/31/2026
 Time: 10:19
 Notes: BH26-13 @ 0
 BH26-13 @ 1'
 BH26-13 @ 2'
 Latitude: 32.11945
 Longitude: -103.99924444444444
 Direction: SE



Date: 3/31/2026
 Time: 10:23
 Notes: BH26-12 @ 0'
 BH26-12 @ 1'
 BH26-12 @ 2'
 Latitude: 32.119505555555556
 Longitude: -103.99899444444445
 Direction: S





Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/31/2026
 Time: 10:28
 Notes: BH26-14 @ 0'
 BH26-14 @ 1'
 BH26-14 @ 2'
 Latitude: 32.119686111111115
 Longitude: -103.99896111111111
 Direction: N



Default Site Location | Lat: 32.11969, Lon: -103.99896 | Azimuth: 347.2 N, Tue, Mar 31, 2026 10

Date: 3/31/2026
 Time: 10:32
 Notes: BH26-15 @ 0'
 BH26-15 @ 1'
 BH26-15 @ 1.5' Refusal
 Bedrock at 1.5'
 Latitude: 32.119705555555555
 Longitude: -103.999
 Direction: E



Default Site Location | Lat: 32.11971, Lon: -103.99900 | Azimuth: 93.5 E, Tue, Mar 31, 2026 10



Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/31/2026
 Time: 10:40
 Notes: BH26-16 @ 0
 BH26-16 @ 1'
 BH26-16 @ 2'
 Latitude: 32.119797222222225
 Longitude: -103.99814722222223
 Direction: E



Default Site Location | Lat: 32.11980, Lon: -103.99815 | Azimuth: 99.6 E , Tue, Mar 31, 2026 10

Date: 3/31/2026
 Time: 10:42
 Notes: BH26-17 @ 0'
 BH26-17 @ 1'
 BH26-17 @ 2'
 Latitude: 32.120044444444446
 Longitude: -103.99803055555556
 Direction: SE



Default Site Location | Lat: 32.12004, Lon: -103.99803 | Azimuth: 149.4 SE , Tue, Mar 31, 2026 10



Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/31/2026
 Time: 12:11
 Notes: BH26-12 @ 3' Refusal
 Latitude: 32.11937222222225
 Longitude: -103.99906111111112
 Direction: NW



Default Site Location | Lat: 32.11937, Lon: -103.99906 | Azimuth: 303.2 NW , Tue, Mar 31, 2026 12

Date: 3/31/2026
 Time: 12:14
 Notes: BH26-13 @ 3'
 Latitude: 32.119530555555556
 Longitude: -103.99949722222222
 Direction: N



Default Site Location | Lat: 32.11953, Lon: -103.99950 | Azimuth: 26.3 NE , Tue, Mar 31, 2026 12



Daily Field Log

Site: Corral Canyon 20-32 fed state com 306H
Client: ExxonMobil

Pictures/Attachments

Date: 3/31/2026
 Time: 12:17
 Notes: BH26-14 @ 3' Refusal
 Latitude: 32.11951388888889
 Longitude: -103.99955
 Direction: E



Default Site Location | Lat: 32.11951, Lon: -103.99955 | Azimuth: 99.2 E , Tue, Mar 31, 2026 12

Date: 3/31/2026
 Time: 12:23
 Notes: BH26-17 @ 3'
 Latitude: 32.119391666666665
 Longitude: -103.99820555555556
 Direction: SE



Default Site Location | Lat: 32.11939, Lon: -103.99821 | Azimuth: 129.8 SE , Tue, Mar 31, 2026 12

Appendix D. Laboratory Certificates of Analyses



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

March 20, 2026

CHAD HENSLEY

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: CORRAL CANYON 20 - 32 FED STATE COM 306H

Enclosed are the results of analyses for samples received by the laboratory on 03/16/26 11:00.

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".

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:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 02 @ 0' (H261454-01)

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	03/16/2026	ND	2.23	111	2.00	5.35	
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99	
Total BTEX	<0.300	0.300	03/16/2026	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	224	16.0	03/16/2026	ND	400	100	400	7.69	

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	03/16/2026	ND	189	94.4	200	4.07	
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	176	88.1	200	1.79	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane 76.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.2 % 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:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 02 @ 1'R (H261454-02)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	64.0	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	189	94.4	200	4.07		
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	176	88.1	200	1.79		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 83.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 96.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 03 @ 0' (H261454-03)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	368	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	189	94.4	200	4.07		
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	176	88.1	200	1.79		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 73.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 03 @ 1'R (H261454-04)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	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	432	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	189	94.4	200	4.07		
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	176	88.1	200	1.79		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 75.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.7 % 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:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 04 @ 0' (H261454-05)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	304	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	189	94.4	200	4.07		
DRO >C10-C28*	19.4	10.0	03/16/2026	ND	176	88.1	200	1.79		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 76.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.8 % 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:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 04 @ 1'R (H261454-06)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	336	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	189	94.4	200	4.07		
DRO >C10-C28*	11.2	10.0	03/16/2026	ND	176	88.1	200	1.79		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 78.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.0 % 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:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 05 @ 0' (H261454-07)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	288	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	189	94.4	200	4.07		
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	176	88.1	200	1.79		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 76.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.5 % 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:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 05 @ 1'R (H261454-08)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	400	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	189	94.4	200	4.07		
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	176	88.1	200	1.79		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 80.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.2 % 39.9-141

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Analytical Results For:

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

Received:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 06 @ 0' (H261454-09)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	352	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	189	94.4	200	4.07		
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	176	88.1	200	1.79		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 80.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.6 % 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:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 06 @ 1'R (H261454-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	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	384	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	189	94.4	200	4.07		
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	176	88.1	200	1.79		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 79.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.9 % 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:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 07 @ 0' (H261454-11)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	304	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	196	98.2	200	3.74		
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	207	104	200	5.27		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 87.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.8 % 39.9-141

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Analytical Results For:

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

Received:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 07 @ 1' (H261454-12)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	304	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	196	98.2	200	3.74		
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	207	104	200	5.27		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 75.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.0 % 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:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 08 @ 0' (H261454-13)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	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	2640	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	196	98.2	200	3.74		
DRO >C10-C28*	13.1	10.0	03/16/2026	ND	207	104	200	5.27		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 78.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.2 % 39.9-141

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Analytical Results For:

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

Received:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 09 @ 0' (H261454-14)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	6560	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	196	98.2	200	3.74		
DRO >C10-C28*	126	10.0	03/16/2026	ND	207	104	200	5.27		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 77.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.3 % 39.9-141

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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:	03/16/2026	Sampling Date:	03/12/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 10 @ 0' (H261454-15)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	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	1940	16.0	03/16/2026	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	13.0	10.0	03/16/2026	ND	196	98.2	200	3.74		
DRO >C10-C28*	814	10.0	03/16/2026	ND	207	104	200	5.27		
EXT DRO >C28-C36	178	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 86.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.5 % 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:	03/16/2026	Sampling Date:	03/13/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 01 @ 0' (H261454-16)

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	03/16/2026	ND	2.23	111	2.00	5.35		
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39		
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05		
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99		
Total BTEX	<0.300	0.300	03/16/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	416	16.0	03/16/2026	ND	400	100	400	7.69		

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	03/16/2026	ND	196	98.2	200	3.74		
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	207	104	200	5.27		
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND						

Surrogate: 1-Chlorooctane 86.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.0 % 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:	03/16/2026	Sampling Date:	03/13/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 01 @ 1'R (H261454-17)

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	03/16/2026	ND	2.23	111	2.00	5.35	
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99	
Total BTEX	<0.300	0.300	03/16/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	320	16.0	03/16/2026	ND	400	100	400	7.69	

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	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane 82.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.5 % 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:	03/16/2026	Sampling Date:	03/13/2026
Reported:	03/20/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 08 @ 0.5'R (H261454-18)

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	03/16/2026	ND	2.23	111	2.00	5.35	
Toluene*	<0.050	0.050	03/16/2026	ND	2.22	111	2.00	4.39	
Ethylbenzene*	<0.050	0.050	03/16/2026	ND	2.21	111	2.00	4.05	
Total Xylenes*	<0.150	0.150	03/16/2026	ND	6.69	111	6.00	2.99	
Total BTEX	<0.300	0.300	03/16/2026	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	2160	16.0	03/16/2026	ND	432	108	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2026	ND	196	98.2	200	3.74	
DRO >C10-C28*	<10.0	10.0	03/16/2026	ND	207	104	200	5.27	
EXT DRO >C28-C36	<10.0	10.0	03/16/2026	ND					

Surrogate: 1-Chlorooctane 92.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.6 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- 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.
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

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 Hershey	P.O. #: 2260101001		
Address: 3101 Boyd drive	Company: Exxon Mobil		
City: Carlsbad State: NM Zip: 88220	Attn: Dale Woodall		
Phone #: 575-725-5001 Fax #:	Address: 3104 E Greenc St		
Project #: 26A-00691 Project Owner:	City: Carlsbad		
Project Name: Corral Canyon 20-32 FED State Com 306H	State: NM Zip: 88220		
Project Location:	Phone #:		
Sampler Name: Riley Arnold	Fax #:		

FOR LAB USE ONLY		(G)RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.	SAMPLING		DATE	TIME	BTEX	TPH	Chloride
Lab I.D.	Sample I.D.		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL					
H26454															
1	BH26-02 @ 0'	G 1			X				X		3.12.26	9:30	X	X	X
2	BH26-02 @ 1'R											9:46			
3	BH26-03 @ 0'											9:58			
4	BH26-03 @ 1'R											10:12			
5	BH26-04 @ 0'											10:22			
6	BH26-04 @ 1'R											10:36			
7	BH26-05 @ 0'											10:51			
8	BH26-05 @ 1'R											11:11			
9	BH26-06 @ 0'											11:27			
10	BH26-06 @ 1'R											11:36			

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Relinquished By: <i>[Signature]</i>	Date: 3-16-26	Received By: <i>[Signature]</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: 1100		All Results are emailed. Please provide Email address: Rarnold@vertexresource.com
Relinquished By:	Date:	Received By:	Remarks: GFCM: 48605000 Incident #: nAPP2601529351
	Time:		Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 2.2	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	Thermometer ID #140 Correction Factor -0.3
	Corrected Temp. °C 2.3	CHECKED BY: (Initials) <i>[Signature]</i>	Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No

† 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 Hersbell	P.O. #: 2260101001				
Address: 3101 Boyd drive	Company: Exxon Mobil				
City: Carlsbad State: NM Zip: 88220	Attn: Dale Woodall				
Phone #: 575-725-5001 Fax #:	Address: 3104 E Greene St				
Project #: 26A-00691 Project Owner:	City: Carlsbad				
Project Name: Corral Canyon 20-32 FED State Com 306H	State: NM Zip: 88220				
Project Location:	Phone #:				
Sampler Name: Riley Arnold	Fax #:				

FOR LAB USE ONLY		(G/RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.	SAMPLING		DATE	TIME	BTEX	TPH	Chloride
Lab I.D.	Sample I.D.		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL					
H2601454		G 1			X				X		3.12.26	11:45	X	X	X
12	BH26-07 @ 0'											11:58			
13	BH26-08 @ 0'											12:27			
14	BH26-09 @ 0'											12:39			
15	BH26-10 @ 0'											1:08			
16	BH26-01 @ 0'										3.13.26	9:45			
17	BH26-01 @ 1'R											4:56			
18	BH26-08 @ 0.5'R											10:27			

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Relinquished By:	Date: 3-16-26	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Time: 1100			All Results are emailed. Please provide Email address: Rarnold@vertexresource.com
Relinquished By:	Date:	Received By:	Permian@vertexresource.com
Time:			REMARKS:
			GFCM: 48605000
			Incident #: nAPP2601529351
Delivered By: (Circle One)	Observed Temp. °C 2.2	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C 2.3	CHECKED BY: (Initials) JE	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
FORM-000 R 3-3-06/03/24			Thermometer ID #140
			Correction Factor -0.5C +0.1C

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

April 09, 2026

CHAD HENSLEY
VERTEX RESOURCE
3101 BOYD DRIVE
CARLSBAD, NM 88220

RE: CORRAL CANYON 20 - 32 FED STATE COM 306H

Enclosed are the results of analyses for samples received by the laboratory on 04/02/26 14:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 08 @ 1' (H261875-01)

BTEX 8021B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912	
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31	
Total BTEX	<0.300	0.300	04/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	1950	16.0	04/06/2026	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	04/06/2026	ND	198	99.0	200	0.602	
DRO >C10-C28*	57.5	10.0	04/06/2026	ND	202	101	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND					

Surrogate: 1-Chlorooctane 79.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.6 % 39.9-141

Cardinal Laboratories

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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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 08 @ 2' R (H261875-02)

BTEX 8021B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912	
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31	
Total BTEX	<0.300	0.300	04/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2026	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	04/06/2026	ND	198	99.0	200	0.602	
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	202	101	200	0.147	
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND					

Surrogate: 1-Chlorooctane 69.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 65.0 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 11 @ 0' (H261875-03)

BTEX 8021B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912		
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31		
Total BTEX	<0.300	0.300	04/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 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	22600	16.0	04/06/2026	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*	389	100	04/07/2026	ND	198	99.2	200	1.40			
DRO >C10-C28*	71000	100	04/07/2026	ND	201	101	200	2.63	QM-07		
EXT DRO >C28-C36	15600	100	04/07/2026	ND							

Surrogate: 1-Chlorooctane 101 % 52.4-130

Surrogate: 1-Chlorooctadecane 1840 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 11 @ 1' (H261875-04)

BTEX 8021B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912	
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31	
Total BTEX	<0.300	0.300	04/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	2280	16.0	04/06/2026	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*	39.0	10.0	04/06/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	4000	10.0	04/06/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	634	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 90.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 234 % 39.9-141

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Analytical Results For:

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

Received:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 11 @ 1.5' R (H261875-05)

BTEX 8021B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912	
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31	
Total BTEX	<0.300	0.300	04/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/06/2026	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	04/06/2026	ND	198	99.2	200	1.40	
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	201	101	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND					

Surrogate: 1-Chlorooctane 87.3 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 12 @ 0' (H261875-06)

BTEX 8021B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912		
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31		
Total BTEX	<0.300	0.300	04/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 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	50400	16.0	04/06/2026	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*	799	100	04/07/2026	ND	198	99.2	200	1.40			
DRO >C10-C28*	68100	100	04/07/2026	ND	201	101	200	2.63			
EXT DRO >C28-C36	11100	100	04/07/2026	ND							

Surrogate: 1-Chlorooctane 104 % 52.4-130

Surrogate: 1-Chlorooctadecane 2250 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 12 @ 1' (H261875-07)

BTEX 8021B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912	
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31	
Total BTEX	<0.300	0.300	04/07/2026	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	3400	16.0	04/06/2026	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	04/06/2026	ND	198	99.2	200	1.40	
DRO >C10-C28*	192	10.0	04/06/2026	ND	201	101	200	2.63	
EXT DRO >C28-C36	15.8	10.0	04/06/2026	ND					

Surrogate: 1-Chlorooctane 54.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 58.8 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 12 @ 2' (H261875-08)

BTEX 8021B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912		
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31		
Total BTEX	<0.300	0.300	04/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	1020	16.0	04/06/2026	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*	14.4	10.0	04/06/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	976	10.0	04/06/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	127	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 86.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 118 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 12 @ 3' R (H261875-09)

BTEX 8021B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912	
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31	
Total BTEX	<0.300	0.300	04/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 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	256	16.0	04/06/2026	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	04/06/2026	ND	198	99.2	200	1.40	
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	201	101	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND					

Surrogate: 1-Chlorooctane 92.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.6 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 13 @ 0' (H261875-10)

BTEX 8021B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912	
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27	
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78	
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31	
Total BTEX	<0.300	0.300	04/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	84000	16.0	04/06/2026	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*	<50.0	50.0	04/06/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	36800	50.0	04/06/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	6510	50.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 93.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 265 % 39.9-141

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Analytical Results For:

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

Received:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 13 @ 1' (H261875-11)

BTEX 8021B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912		
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31		
Total BTEX	<0.300	0.300	04/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	5040	16.0	04/06/2026	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	04/06/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 87.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.8 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 13 @ 2' (H261875-12)

BTEX 8021B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912		
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31		
Total BTEX	<0.300	0.300	04/07/2026	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	976	16.0	04/06/2026	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	04/06/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 91.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.5 % 39.9-141

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Analytical Results For:

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

Received:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 13 @ 3' R (H261875-13)

BTEX 8021B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912		
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31		
Total BTEX	<0.300	0.300	04/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	04/06/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/06/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 92.5 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 14 @ 0' (H261875-14)

BTEX 8021B		mg/kg		Analyzed By: SK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912	
Toluene*	0.245	0.050	04/07/2026	ND	2.06	103	2.00	1.27	GC-NC1
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78	
Total Xylenes*	0.210	0.150	04/07/2026	ND	6.32	105	6.00	2.31	GC-NC1
Total BTEX	0.455	0.300	04/07/2026	ND					GC-NC1

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	49600	16.0	04/06/2026	ND	432	108	400	3.64	

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*	215	50.0	04/06/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	32300	50.0	04/06/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	6400	50.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 98.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 828 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 14 @ 1' (H261875-15)

BTEX 8021B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912		
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31		
Total BTEX	<0.300	0.300	04/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	576	16.0	04/06/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/06/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 88.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.5 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 14 @ 2' (H261875-16)

BTEX 8021B		mg/kg		Analyzed By: SK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2026	ND	2.09	105	2.00	0.912		
Toluene*	<0.050	0.050	04/07/2026	ND	2.06	103	2.00	1.27		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.09	104	2.00	1.78		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.32	105	6.00	2.31		
Total BTEX	<0.300	0.300	04/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	272	16.0	04/06/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/06/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 86.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.2 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 14 @ 3' R (H261875-17)

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	04/07/2026	ND	2.03	101	2.00	2.72	
Toluene*	<0.050	0.050	04/07/2026	ND	2.13	107	2.00	6.13	QR-03
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.20	110	2.00	6.58	QR-03
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.80	113	6.00	7.73	QR-03
Total BTEX	<0.300	0.300	04/07/2026	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	240	16.0	04/06/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2026	ND	198	99.2	200	1.40	
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	201	101	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND					

Surrogate: 1-Chlorooctane 92.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.4 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 15 @ 0' (H261875-18)

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	04/07/2026	ND	2.03	101	2.00	2.72	
Toluene*	<0.050	0.050	04/07/2026	ND	2.13	107	2.00	6.13	
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.20	110	2.00	6.58	
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.80	113	6.00	7.73	
Total BTEX	<0.300	0.300	04/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	11400	16.0	04/06/2026	ND	432	108	400	3.64	

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*	671	100	04/07/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	75900	100	04/07/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	13900	100	04/07/2026	ND						

Surrogate: 1-Chlorooctane 93.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 2380 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 15 @ 1' (H261875-19)

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	04/07/2026	ND	2.03	101	2.00	2.72		
Toluene*	<0.050	0.050	04/07/2026	ND	2.13	107	2.00	6.13		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.20	110	2.00	6.58		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.80	113	6.00	7.73		
Total BTEX	<0.300	0.300	04/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	192	16.0	04/06/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/06/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	183	10.0	04/06/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	46.3	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 86.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.0 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 15 @ 1.5' R (H261875-20)

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	04/07/2026	ND	2.03	101	2.00	2.72		
Toluene*	<0.050	0.050	04/07/2026	ND	2.13	107	2.00	6.13		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.20	110	2.00	6.58		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.80	113	6.00	7.73		
Total BTEX	<0.300	0.300	04/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	128	16.0	04/06/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/06/2026	ND	198	99.2	200	1.40		
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	201	101	200	2.63		
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 86.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.6 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 16 @ 0' (H261875-21)

BTEX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2026	ND	2.03	101	2.00	2.72	
Toluene*	<0.050	0.050	04/07/2026	ND	2.13	107	2.00	6.13	
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.20	110	2.00	6.58	
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.80	113	6.00	7.73	
Total BTEX	<0.300	0.300	04/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 151 % 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	416	16.0	04/06/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	12.3	10.0	04/06/2026	ND	198	99.2	200	1.40	
DRO >C10-C28*	2710	10.0	04/06/2026	ND	201	101	200	2.63	
EXT DRO >C28-C36	37.3	10.0	04/06/2026	ND					

Surrogate: 1-Chlorooctane 91.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 140 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 16 @ 1' (H261875-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/07/2026	ND	2.03	101	2.00	2.72	
Toluene*	<0.050	0.050	04/07/2026	ND	2.13	107	2.00	6.13	
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.20	110	2.00	6.58	
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.80	113	6.00	7.73	
Total BTEX	<0.300	0.300	04/07/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	224	16.0	04/06/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/06/2026	ND	198	99.2	200	1.40	
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	201	101	200	2.63	
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND					

Surrogate: 1-Chlorooctane 91.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.4 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 16 @ 2' (H261875-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2026	ND	2.03	101	2.00	2.72		
Toluene*	<0.050	0.050	04/07/2026	ND	2.13	107	2.00	6.13		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.20	110	2.00	6.58		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.80	113	6.00	7.73		
Total BTEX	<0.300	0.300	04/07/2026	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	04/06/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/06/2026	ND	199	99.5	200	1.98		
DRO >C10-C28*	<10.0	10.0	04/06/2026	ND	192	95.8	200	1.62		
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 81.6 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 17 @ 0' (H261875-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2026	ND	2.03	101	2.00	2.72		
Toluene*	<0.050	0.050	04/07/2026	ND	2.13	107	2.00	6.13		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.20	110	2.00	6.58		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.80	113	6.00	7.73		
Total BTEX	<0.300	0.300	04/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	1170	16.0	04/06/2026	ND	432	108	400	3.64		

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*	163	50.0	04/06/2026	ND	199	99.5	200	1.98			
DRO >C10-C28*	24400	50.0	04/06/2026	ND	192	95.8	200	1.62			
EXT DRO >C28-C36	4800	50.0	04/06/2026	ND							

Surrogate: 1-Chlorooctane 96.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 909 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 17 @ 1' (H261875-25)

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	04/07/2026	ND	2.03	101	2.00	2.72		
Toluene*	<0.050	0.050	04/07/2026	ND	2.13	107	2.00	6.13		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.20	110	2.00	6.58		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.80	113	6.00	7.73		
Total BTEX	<0.300	0.300	04/07/2026	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	560	16.0	04/06/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/06/2026	ND	199	99.5	200	1.98		
DRO >C10-C28*	16.0	10.0	04/06/2026	ND	192	95.8	200	1.62		
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 89.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.2 % 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:	04/02/2026	Sampling Date:	03/31/2026
Reported:	04/09/2026	Sampling Type:	Soil
Project Name:	CORRAL CANYON 20 - 32 FED STATE CC	Sampling Condition:	Cool & Intact
Project Number:	26A - 00691	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 17 @ 2' (H261875-26)

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	04/07/2026	ND	2.03	101	2.00	2.72		
Toluene*	<0.050	0.050	04/07/2026	ND	2.13	107	2.00	6.13		
Ethylbenzene*	<0.050	0.050	04/07/2026	ND	2.20	110	2.00	6.58		
Total Xylenes*	<0.150	0.150	04/07/2026	ND	6.80	113	6.00	7.73		
Total BTEX	<0.300	0.300	04/07/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	528	16.0	04/06/2026	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/06/2026	ND	199	99.5	200	1.98		
DRO >C10-C28*	29.6	10.0	04/06/2026	ND	192	95.8	200	1.62		
EXT DRO >C28-C36	<10.0	10.0	04/06/2026	ND						

Surrogate: 1-Chlorooctane 90.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.6 % 39.9-141

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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.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
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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Handwritten signature of Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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. #: 2260101001			
Address: 3101 Boyd drive	Company: Exxon Mobil			
City: Carlsbad State: NM Zip: 88220	Attn: Dale Woodall			
Phone #: 575-725-5001 Fax #:	Address: 3104 E Greenc St			
Project #: 26A-00691 Project Owner:	City: Carlsbad			
Project Name: Corral Canyon 20-32 FED State Com 306H	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	DATE	TIME	BTEX	TPH	Chloride
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE							
	H261875															
	1	BH26-08 @ 1'	G	1			X			X		3.31.26	9:42	X	X	X
	2	BH26-08 @ 2'R											9:50			
	3	BH26-11 @ 0'											10:01			
	4	BH26-11 @ 1'											10:12			
	5	BH26-11 @ 1.5'R											10:18			
	6	BH26-12 @ 0'											10:25			
	7	BH26-12 @ 1'											10:31			
	8	BH26-12 @ 2'											10:39			
	9	BH26-12 @ 3'R											11:40			
	10	BH26-13 @ 0'											10:46			

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0402401K

Relinquished By:	Date: 4-2-26	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Time: 1430			All Results are emailed. Please provide Email address: Rarnold@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: GFCM: 48605000 Incident #: NAPP2601529351
Time:			
Delivered By: (Circle One)	Observed Temp. °C: -0.3	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	CHECKED BY: (Initials) JD
Sampler - UPS - Bus - Other:	Corrected Temp. °C: -0.2	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>
FORM-606 R 3.3 08/03/24			Thermometer ID #140 Correction Factor 0.0001
			Bacteria (only) Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C: Yes <input type="checkbox"/> No <input type="checkbox"/>

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



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 Hershey</u>	P.O. #: <u>2260101001</u>		
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-00691</u> Project Owner:	City: <u>Carlsbad</u>		
Project Name: <u>Corral Canyon 20-32 FED State Com 306H</u>	State: <u>NM</u> Zip: <u>88220</u>		
Project Location:	Phone #:		
Sampler Name: <u>Riley Arnold</u>	Fax #:		

FOR LAB USE ONLY		(G)RAB OR (C)OMP. # CONTAINERS	MATRIX				PRESERV.	SAMPLING		BTEX	TPH	Chloride							
Lab I.D.	Sample I.D.		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE: ICE / COOL OTHER				DATE	TIME					
<u>H261875</u>		<u>G 1</u>			<u>X</u>			<u>X</u>	<u>3.31.26</u>	<u>10:56</u>	<u>X</u>	<u>X</u>	<u>X</u>						
<u>11</u>	<u>BH26-13 @ 1'</u>																		
<u>12</u>	<u>BH26-13 @ 2'</u>																		
<u>13</u>	<u>BH26-13 @ 3'R</u>																		
<u>14</u>	<u>BH26-14 @ 0</u>																		
<u>15</u>	<u>BH26-14 @ 1'</u>																		
<u>16</u>	<u>BH26-14 @ 2'</u>																		
<u>17</u>	<u>BH26-14 @ 3'R</u>																		
<u>18</u>	<u>BH26-15 @ 0</u>																		
<u>19</u>	<u>BH26-15 @ 1'</u>																		
<u>20</u>	<u>BH26-15 @ 1.5'R</u>																		

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Relinquished By: <u>[Signature]</u>	Date: <u>4-2-26</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <u>1430</u>		All Results are emailed. Please provide Email address: <u>Rarnold@vertexresource.com</u>
Relinquished By:	Date:	Received By:	Permian@vertexresource.com
	Time:		REMARKS: <u>GFCM: 48605000</u>
Delivered By: (Circle One)	Observed Temp. °C <u>-0.3</u>	Sample Condition <u>Intact</u>	Incident #: <u>nAPP2601529351</u>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>-0.2</u>	Checked By: <u>[Signature]</u>	Turnaround Time: <u>Rush</u>
FORM-008-R 3.3.08/03/26			Thermometer ID #140
			Correction Factor <u>+0.1°C</u>

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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Form with sections: Company Name, Project Manager, Address, City, State, Zip, Phone, Fax, Project #, Project Name, Project Location, Sampler Name, BILL TO, ANALYSIS REQUEST, FOR LAB USE ONLY, Lab I.D., Sample I.D., MATRIX, PRESERV., SAMPLING, and chemical analysis columns (BTEX, TPH, Chloride).

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Form with sections: Relinquished By, Received By, Verbal Result, All Results are emailed, Remarks, Delivered By, Observed Temp, Sample Condition, CHECKED BY, Turnaround Time, Bacteria (only) Sample Condition, Thermometer ID, Correction Factor.

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

QUESTIONS

Action 575345

QUESTIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575345
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2601529351
Incident Name	NAPP2601529351 CORRAL CANYON 20-32 FED STATE COM 306H @ D-21-25S-29E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Corral Canyon 20-32 FED State Com 306H
Date Release Discovered	01/03/2026
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Water Tank Produced Water Released: 8 BBL Recovered: 0 BBL Lost: 8 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 575345

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575345
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 04/15/2026
--	--

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QUESTIONS, Page 3

Action 575345

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575345
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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 500 and 1000 (ft.)
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	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
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
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	84000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	90471
GRO+DRO (EPA SW-846 Method 8015M)	76571
BTEX (EPA SW-846 Method 8021B or 8260B)	0.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	04/27/2026
On what date will (or did) the final sampling or liner inspection occur	03/10/2026
On what date will (or was) the remediation complete(d)	05/27/2026
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	110799
What is the estimated volume (in cubic yards) that will be remediated	7123

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

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QUESTIONS, Page 4

Action 575345

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575345
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 04/15/2026
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 575345

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575345
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 575345

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575345
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	566538
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/31/2026
What was the (estimated) number of samples that were to be gathered	9
What was the sampling surface area in square feet	1800

Remediation Closure Request

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

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

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CONDITIONS

Action 575345

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 575345
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvez	The remediation plan is approved as written. XTO Energy has 90-days (August 12, 2026) to submit to OCD its appropriate or final remediation closure report.	5/14/2026