

<b>Location:</b>	<b>CORRAL CANYON 15 CVB</b>	
<b>Spill Date:</b>	<b>7/10/2025</b>	
<b>Incident:</b>	<b>nAPP2519250010</b>	
<b>Area 1</b>		
Approximate Area =		sq. ft.
Average Saturation (or depth) of spill =		inches
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =		bbls
<b>Area 2</b>		
Approximate Area =	17,848	sq. ft.
Average Saturation (or depth) of spill =	0.25	inches
Average Porosity Factor =	0.25	
VOLUME OF LEAK		
Total Crude Oil =		bbls
Total Produced Water =	16.60	bbls
<b>TOTAL VOLUME OF LEAK</b>		
Total Crude Oil =		bbls
Total Produced Water =	16.60	bbls
<b>TOTAL VOLUME RECOVERED</b>		
Total Crude Oil =		bbls
Total Produced Water =	10.00	bbls



Incident Number: nAPP2519250010

## Release Assessment and Deferral

Corral Canyon 15 CVB

Section 22, Township 25 South, Range 29 East

Facility ID: fAPP2403725789

Lat / Long: 32.118578, -103.968486

County: Eddy

Vertex File Number: 25A-03850

**Prepared for:**

ExxonMobil Corporation

**Prepared by:**

Vertex Resource Services Inc.

**Date:**

December 2025

**ExxonMobil Corporation**  
Corral Canyon 15 CVB

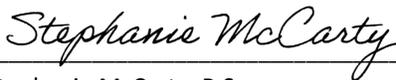
**Amended Release Assessment and Deferral**  
December 2025

**Amended Release Assessment and Deferral**  
**Corral Canyon 15 CVB**  
**Facility ID: fAPP2403725789**  
**Lat / Long: 32.118578, -103.968486**  
**Section 22, Township 25 South, Range 29 East**  
**County: Eddy**

Prepared for:  
**ExxonMobil Corporation**  
3104 East Greene Street  
Carlsbad, New Mexico 88220

**New Mexico Oil Conservation Division**  
508 West Texas Avenue  
Artesia, New Mexico 88210

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



Stephanie McCarty, B.Sc.  
ENVIROMENTAL SPECIALIST, REPORTING

December 12, 2025

Date



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

December 12, 2025

Date

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## 0.0 Amendment to Closure Report

The following report has been updated and includes a summary of efforts and justifications to amend deferral denial concerns notated by New Mexico Oil Conservation Division on December 9, 2025.

### 1.0 Introduction

ExxonMobil Corporation (Exxon) retained Vertex Resource Services Inc. (Vertex) to conduct a Release Assessment and Deferral for a produced water release that occurred on July 10, 2025, at Corral Canyon 15 CVB (hereafter referred to as the "site"). Exxon submitted an initial C-141 Release Notification to New Mexico Oil Conservation Division (NMOCD) on July 25, 2025. Incident ID number nAPP2519250010 was assigned to this incident.

This report provides a description of the release assessment and remediation activities associated with the site. The information presented demonstrates that closure criteria established in Table I of 19.15.29.12 of the *New Mexico Administrative Code* (NMAC; New Mexico Oil Conservation Division, 2018) related to NMOCD has been met and all applicable regulations are being followed. This document is intended to serve as a final report to obtain approval from NMOCD for deferral of this release, with the understanding that restoration of the release site will be completed at such time as all oil and gas activities are terminated and the site is reclaimed as per NMAC 19.15.29.13.

### 2.0 Incident Description

The release occurred on July 10, 2025, due to equipment failure. The incident was reported on July 25, 2025, and involved the release of approximately 17 barrels (bbl.) of produced water both on and off the production pad. Approximately 10 bbl. of free fluid was removed during initial clean-up. Additional details relevant to the release are presented in the C-141 Report.

### 3.0 Site Characteristics

The site is located approximately 9.4 miles southeast of Malaga, New Mexico. The legal location for the site is Section 22, Township 25 South and Range 29 East in Eddy County, New Mexico. The release area is located on Bureau of Land Management property. An aerial photograph and site schematic are presented on Figure 1.

The location is typical of oil and gas exploration and production sites in the Permian Basin and is currently used for oil and gas production and storage. The surrounding landscape is associated with plains with elevations ranging between 2,842 and 4,500 feet. The climate is semiarid with average annual precipitation ranging between 8 and 13 inches. Using information from the United States Department of Agriculture, the dominant vegetation was determined to be shrubs and grasses such as mesquite, creosotebush, snakeweed, and black grama. Historically the land was predominately black grama grasslands (United States Department of Agriculture, Natural Resources Conservation Service, 2025). Limited to no vegetation is allowed to grow on the compacted production pad. Additional soil characteristics include a drainage class of well to moderately well with a runoff class of high. The karst geology potential for the site is low (United States Department of the Interior, Bureau of Land Management, 2018).

*The Geological Map of New Mexico* (New Mexico Bureau of Geology and Mineral Resources, 2025) indicates the site's surface geology primarily comprises Qep - Quaternary Piedmont deposits. The predominant soil texture on the site is shallow sandy.

## 4.0 Closure Criteria Determination

### 4.1 Surveys

An archeological review and Archaeological Records Management Section (ARMS) survey of the site and surrounding area were conducted on September 18, 2025. The Archeological Survey was negative, and no further review is required. A copy of the report was submitted to the Bureau of Land Management.

Exxon retained Vertex to conduct a rare plant survey of the site, Lease No. NMNM105445677, in non-disturbed, pastureland around the impacted "off pad" section of the release. No State-listed threatened and endangered plant species were identified and Vertex recommended crews remain within the survey buffer zone during remediation and reclamation activities.

Survey and supporting documentation are presented in Appendix B.

### 4.2 Closure Criteria Determination

The nearest active well to the site is New Mexico Office of the State Engineer (NMOSE) monitoring well located approximately 0.74 miles northwest of the site (United States Geological Survey, 2025). Data from 1995 shows the NMOSE borehole recorded a depth to groundwater of 60 feet below ground surface (bgs). Information pertaining to the depth to ground water determination is included in Appendix A.

At the site, there are no continuously flowing watercourses or significant watercourses, lakebeds, sinkholes, playa lakes or other critical water or community features as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC, is a watercourse located 2.9 miles northwest of the site (United States Fish and Wildlife Service, 2025). The site is located in a low karst potential area and is not overlaying a subsurface mine.

ExxonMobil Corporation  
Corral Canyon 15 CVB

Amended Release Assessment and Deferral  
December 2025

<b>Table 1. Closure Criteria Determination</b>			
<b>Site Name: Corral Canyon 15 CVB</b>			
<b>Spill Coordinates: 32.118578 -103.968486</b>		<b>X: 597308.71</b>	<b>Y: 3554045.04</b>
<b>Site Specific Conditions</b>		<b>Value</b>	<b>Unit</b>
1	Depth to Groundwater (nearest reference)	60	feet
	Distance between release and nearest DTGW reference	3,919	feet
		0.74	miles
Date of nearest DTGW reference measurement		January 24, 1995	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	1,526 ft / 0.28 mile	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	5,910 ft / 1.12 miles	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	39,149 ft / 7.14 miles	feet
5	i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or	-	feet
	ii) Within 1000 feet of any fresh water well or spring	3,352	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	5,910 ft / 1.12 miles or Wetland Riverine 1000-1/2 miles NE	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
	Distance between release and nearest registered mine	89,554 ft / 17 miles	feet
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low
	Distance between release and nearest unstable area	0.57 mi	feet
10	Within a 100-year Floodplain	500	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	8,797 ft	feet
11	Soil Type	Simona	
12	Ecological Classification	Shallow Sandy	
13	Geology	Qep	
	<b>NMAC 19.15.29.12 E (Table 1) Closure Criteria</b>	<50'	<50' 51-100' >100'

The closure criteria determined for the site are associated with the following constituent concentration limits as presented in Table 2.

<b>Table 2. Closure Criteria for Soils Impacted by a Release DTGW ≤ 50 feet bgs</b>		
<b>Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS</b>	<b>Constituent</b>	<b>Limit</b>
≤ 50 feet	Chloride	600 mg/kg
	TPH (GRO+DRO+MRO)	100 mg/kg
	BTEX	50 mg/kg
	Benzene	10 mg/kg

DTGW – depth to groundwater

bgs – below ground surface

TDS – total dissolved solids

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

BTEX – benzene, toluene, ethylbenzene and xylenes

### 5.0 Remedial Actions Taken

An initial site inspection of the release area was started on July 14, 2025, which identified the area of the release specified in the initial C-141 Report and estimated the approximate area of the release to be 17,204 square feet. The Daily Field Report associated with the site inspection is included in Appendix C. The site delineation was finalized on October 2, 2025. A total of 20 sample points were established and 28 characterization samples that were submitted for laboratory analysis to Cardinal Laboratories in accordance with 19.15.29.12 Table 1. Characterization results are presented in Table 3.

Remediation efforts began on August 6, 2025, and were finalized on October 2, 2025. Vertex personnel guided the excavation of impacted soils. In successfully remediated areas, soils were removed to 2 feet bgs. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility as stipulated by NMOCD.

Confirmatory composite samples were collected from the base of the excavation in 200 square foot increment and sidewalls every 200 square feet increment in accordance with a variance approval. A total of 139 confirmatory samples were collected for laboratory analysis following NMOCD soil sampling procedures. Samples were submitted to Cardinal Laboratories under chain-of-custody protocols and analyzed for BTEX (EPA Method 8021B), total petroleum hydrocarbons (GRO, DRO, MRO – EPA Method 8015D) and total chlorides (EPA Method 300.0). Laboratory results are presented in Table 4, and the laboratory data reports are included in Appendix D. Wall sample, WS25-12, collected on September 5, 2025, was mistakenly labeled (WS25-12) and sent to the laboratory. The correct nomenclature of the sample is WS25-21. Daily Field Report from September 5, 2025, documents the approximate area the sample was collected. The formal wall sample depicted in the Daily Field Report from August 28, 2025, shows the current position of WS25-12. The Daily Field Report associated with the sampling is included in Appendix C. An asterisk “\*” notates the sample that was mislabeled in Table 4.

## 6.0 Deferral Request

### 6.1 Closure Denial

Exxon submitted the initial closure report to the NMOCD on October 8, 2025. The initial request was denied on December 9, 2025, with the following notations:

*“1) Deferral request is denied for the following reasons; 1. No site characterization supporting document included per 19.15.29.11 NMAC. 2. No scaled site and sampling diagram per 19.15.29.12E (1a) NMAC. 3. No photos of remediation site prior to backfilling offered per 19.15.29.12E (1b) NMAC. 4. No laboratory analyses of final sampling presented per 19.15.29.12E (1c) NMAC. 5. XTO has 60-days (February 9, 2026) to submit to OCD its appropriate or final remediation closure report.”*

The Site Characterization research and supporting documents, scaled site and sampling schematics, photos of remediation prior to backfilling, and laboratory analyses reports have been included to address the concerns in the comments of the denial.

### 6.2 Closure Request

On behalf of Exxon, Vertex requests deferral of the portions of the release that are designated in proximity to infrastructure and equipment and is deemed unsafe for mechanical excavation of contaminated materials.

The remainder of the release area was fully delineated and remediated by October 1, 2025. Confirmatory samples were analyzed by the laboratory and found to be below allowable concentrations as per the NMAC Closure Criteria for Soils Impacted by a Release location “under 50 feet to groundwater”.

Vertex respectfully requests the deferral to be granted on the grounds that the material was unable to be safely excavated, the contamination is fully delineated, and it does not pose an imminent risk to human health, the environment, or ground water. Final remediation and reclamation will be deferred until such time as all oil and gas activities are terminated in accordance with 19.15.29.12 and 19.15.29.13 NMAC.

### 6.3 Deferral Area Details

The required mechanical excavation in this area is both unsafe and not feasible given the proximity to equipment and infrastructure. The areas are between separators, as identified by samples BS25-114 through BS25-119 (Figure 2), and are in proximity to electrical and fluid lines that run between the separators. Further attempts to excavate the area by hand digging were not successful due to the hard compacted caliche and were concluded after 2 days.

- BH25-01 defines the edge of the spill to the north, BH25-15 defines the edge of the spill to the east of the separator base, BH25-20 defines the edge to the south. (Figure 1)
- Samples BS25-114 through BS25-119 were delineated horizontally and vertically by samples; BS25-59 through BS25-62, WS25-18 and WS25-21. (Figure 2)

**ExxonMobil Corporation**  
Corral Canyon 15 CVB

**Amended Release Assessment and Deferral**  
December 2025

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#### **6.4 Reclamation**

The final reclamation of the pasture portions of the release will follow incident closure approval. This area will be backfilled with clean, like-soil sourced locally and recontoured to match the surrounding natural contour in preparation for reclamation.

Should you have any questions or concerns, please do not hesitate to contact Chad Hensley at 575-200-6167 or [CHensley@vertexresouce.com](mailto:CHensley@vertexresouce.com).

## 7.0 References

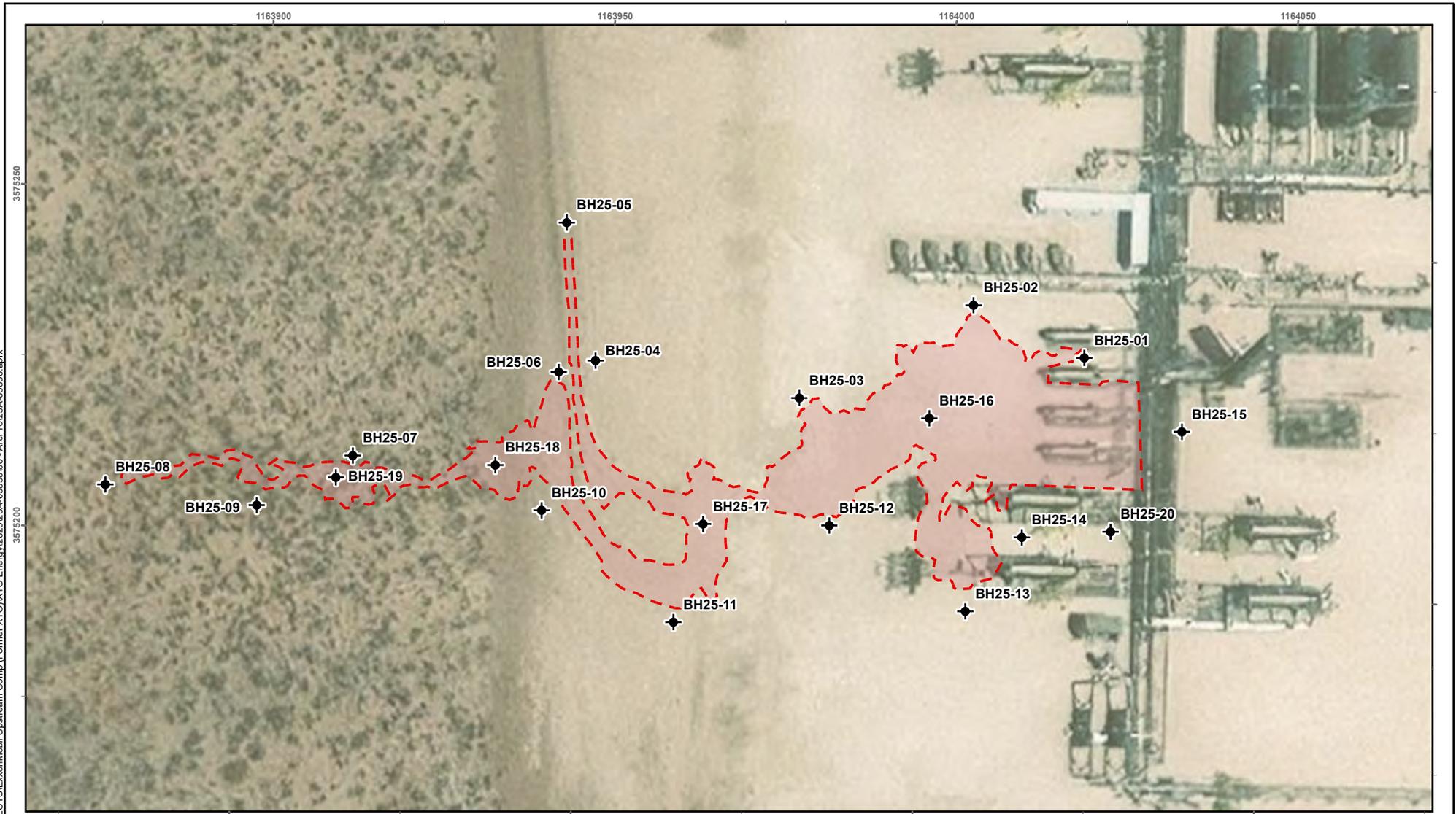
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## **8.0 Limitations**

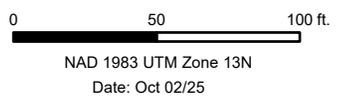
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The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions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

## **FIGURES**



◆ Borehole  
 - - - - - Approximate Release Area (~17,204 sq.ft.)



Map Center:  
 Lat: 32.117823°N,  
 Long: 103.969243°W



**Characterization Schematic  
 Corral Canyon 15CVB**

FIGURE:  
**1**



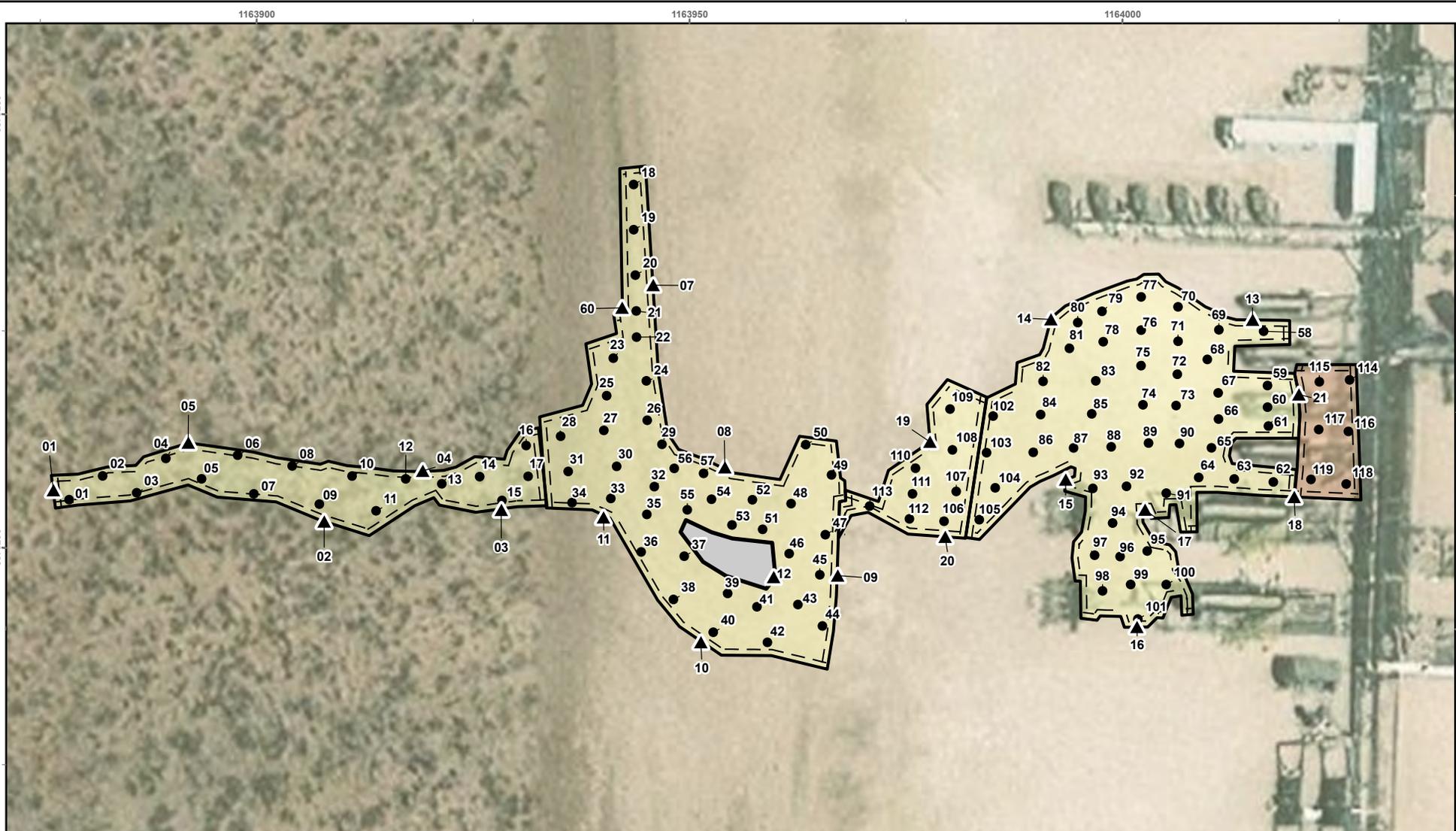
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Note: Georeferenced image from Esri, 2023. Approximate lease boundary from imagery by Vertex Professional Services Ltd. (VPS), 2025. Site features from GPS by VPS, 2025.

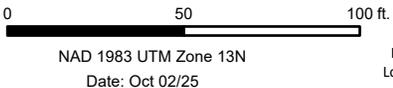
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- Base Sample
- ▲ Wall Sample
- Undisturbed Island (~476 sq. ft. | 97 ft.)
- Excavation to 2' bgs (~22,657 sq.ft. | 1,876 ft.)
- Hand Dig Excavation to 6" bgs (~1,163 sq.ft. | 147 ft.)



Map Center:  
 Lat: 32.117803°N,  
 Long: 103.969377°W



**Confirmation Schematic  
 Corral Canyon 15CVB**

FIGURE:

**2**



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, 2023. Approximate lease boundary from imagery by Vertex Professional Services Ltd. (VPS), 2025. Site features from GPS by VPS, 2025.

**VERSATILITY. EXPERTISE.**

## **TABLES**

Client Name: ExxonMobil Corporation  
 Site Name: Corral Canyon 15 CVB  
 NMOCD Tracking #: nAPP2519250010  
 Project #: 25A-03850  
 Lab Reports: H254369, H254370 & H256154

Table 3. Initial Characterization and Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable				Chloride Concentration	
			Benzene	BTEX (Total)	Gasoline Range Organics (GRO)	Diesel Range Organics (DRO)	Motor Oil Range Organics (MRO)	(GRO + DRO)		Total Petroleum Hydrocarbons (TPH)
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)		(mg/kg)
<b>Depth to Groundwater ≤ 50 feet bgs</b>										
BH25-01	0	July 14, 2025	ND	ND	ND	ND	ND	ND	ND	96
BH25-02	0	July 14, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-03	0	July 14, 2025	ND	ND	ND	ND	ND	ND	ND	96
BH25-04	0	July 14, 2025	ND	ND	ND	ND	ND	ND	ND	192
BH25-05	0	July 14, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-06	0	July 14, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-07	0	July 14, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-08	0	July 14, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BH25-09	0	July 15, 2025	ND	ND	ND	ND	ND	ND	ND	16
BH25-10	0	July 15, 2025	ND	ND	ND	ND	ND	ND	ND	16
BH25-11	0	July 15, 2025	ND	ND	ND	ND	ND	ND	ND	48
BH25-12	0	July 15, 2025	ND	ND	ND	ND	ND	ND	ND	80
BH25-13	0	July 15, 2025	ND	ND	ND	ND	ND	ND	ND	160
BH25-14	0	July 15, 2025	ND	ND	ND	ND	ND	ND	ND	48
BH25-15	0	July 15, 2025	ND	ND	ND	ND	ND	ND	ND	80
BH25-16	0	July 17, 2025	ND	ND	ND	ND	ND	ND	ND	<b>34400</b>
	1	July 17, 2025	ND	ND	ND	ND	ND	ND	ND	<b>640</b>
	2	July 17, 2025	ND	ND	ND	ND	ND	ND	ND	48
	3	July 17, 2025	ND	ND	ND	ND	ND	ND	ND	48
BH25-17	0	July 17, 2025	ND	ND	ND	ND	ND	ND	ND	<b>20800</b>
	1R	July 17, 2025	ND	ND	ND	ND	ND	ND	ND	<b>992</b>
BH25-18	0	July 17, 2025	ND	ND	ND	<b>2160</b>	<b>431</b>	<b>2160</b>	<b>2591</b>	<b>21200</b>
	1	July 17, 2025	ND	ND	ND	15	18.5	15	33.5	<b>5840</b>
	1.5R	July 17, 2025	ND	ND	ND	83	20.9	83	<b>103.9</b>	<b>6800</b>
BH25-19	0	July 17, 2025	ND	ND	ND	10.4	ND	10.4	10.4	<b>41200</b>
	1	July 17, 2025	ND	ND	ND	ND	ND	ND	ND	<b>1340</b>
	1.5R	July 17, 2025	ND	ND	ND	ND	ND	ND	ND	<b>672</b>
BH25-20	0.25	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	32

"ND" Not Detected at the Reporting Limit

"R" indicates Refusal With Hand Tools

**Bold and grey shaded indicates exceedance outside of NMOCD Closure Criteria**



Client Name: ExxonMobil Corporation

Site Name: Corral Canyon 15 CVB

NMOCD Tracking #: nAPP2519250010

Project #: 25A-03850

Lab Reports: H255105, H225426, H255384, H255575, H255945, H256154, H255485 & H256154

Table 4. Confirmatory Sample Field Screen and 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)	
BS25-01	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-02	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-03	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-04	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-05	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-06	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-07	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-08	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-09	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-10	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-11	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-12	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-13	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-14	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-15	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-16	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-17	2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-18	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-19	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	144
BS25-20	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-21	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	352
BS25-22	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-23	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	368
BS25-24	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-25	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	224
BS25-26	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	384
BS25-27	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-28	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	224
BS25-29	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-30	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-31	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	288
BS25-32	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-33	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-34	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	304
BS25-35	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-36	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-37	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	192
BS25-38	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-39	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	336
BS25-40	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-41	2	August 27, 2025	ND	ND	ND	ND	ND	ND	ND	96



Client Name: ExxonMobil Corporation  
 Site Name: Corral Canyon 15 CVB  
 NMOCD Tracking #: nAPP2519250010  
 Project #: 25A-03850  
 Lab Reports: H255105, H225426, H255384, H255575, H255945, H256154, H255485 & H256154

Table 4. Confirmatory Sample Field Screen and Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
BS25-42	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-43	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-44	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-45	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	256
BS25-46	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-47	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-48	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	224
BS25-49	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-50	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-51	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-52	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-53	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-54	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-55	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-56	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-57	2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	228
BS25-58	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-59	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-60	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-61	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	240
BS25-62	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	112
BS25-63	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-64	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-65	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-66	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-67	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-68	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-69	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	16
BS25-70	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-71	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	16
BS25-72	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-73	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	64
BS25-74	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	176
BS25-75	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-76	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	16
BS25-77	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-78	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-79	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-80	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-81	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-82	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND



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Table 4. Confirmatory Sample Field Screen and Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	Chloride Concentration (mg/kg)
BS25-83	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-84	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-85	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-86	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-87	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-88	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-89	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-90	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-91	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-92	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-93	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-94	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-95	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-96	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-97	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	32
BS25-98	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-99	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-100	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-101	2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	160
BS25-102	2	September 18, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-103	2	September 18, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-104	2	September 18, 2025	ND	ND	ND	ND	ND	ND	ND	272
BS25-105	2	September 18, 2025	ND	ND	ND	ND	ND	ND	ND	208
BS25-106	2	September 18, 2025	ND	ND	ND	ND	ND	ND	ND	80
BS25-107	2	September 18, 2025	ND	ND	ND	ND	ND	ND	ND	128
BS25-108	2	September 22, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-109	2	September 22, 2025	ND	ND	ND	ND	ND	ND	ND	ND
BS25-110	2	September 22, 2025	ND	ND	ND	ND	ND	ND	ND	384
BS25-111	2	September 22, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-112	2	September 22, 2025	ND	ND	ND	ND	ND	ND	ND	96
BS25-113	2	September 22, 2025	ND	ND	ND	ND	ND	ND	ND	48
BS25-114	0.25	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	6,080
BS25-115	0.25	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	7,120
BS25-116	0.25	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	6,960
BS25-117	0.25	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	6,880
BS25-118	0.25	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	2,400
BS25-119	0.25	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	4,880
WS25-01	0-2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	80
WS25-02	0-2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	96
WS25-03	0-2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	176
WS25-04	0-2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	48



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WS25-05	0-2	August 14, 2025	ND	ND	ND	ND	ND	ND	ND	32
WS25-06	0-2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	96
WS25-07	0-2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	144
WS25-08	0-2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	80
WS25-09	0-2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	112
WS25-10	0-2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	240
WS25-11	0-2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	240
WS25-12	0-2	August 28, 2025	ND	ND	ND	ND	ND	ND	ND	112
WS25-13	0-2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	128
WS25-14	0-2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-15	0-2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	48
WS25-16	0-2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	ND
WS25-17	0-2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	64
WS25-18	0-2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	48
WS25-19	0-2	September 22, 2025	ND	ND	ND	ND	ND	ND	ND	128
WS25-20	0-2	September 22, 2025	ND	ND	ND	ND	ND	ND	ND	192
WS25-21	0-2	September 5, 2025	ND	ND	ND	ND	ND	ND	ND	112
Backfill-01	-	September 2, 2025	ND	ND	ND	ND	ND	ND	ND	224
Backfill-02	-	September 2, 2025	ND	ND	ND	ND	ND	ND	ND	176
Topsoil	-	October 2, 2025	ND	ND	ND	ND	ND	ND	ND	ND

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

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

**Bold and green shaded indicates exceedance outside of NMOCD Reclamation Criteria (off-pad)**



## **APPENDIX A – Closure Criteria Research Documentation**

# Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE  
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
	C 02371		NE	SW	15	25S	29E	596741.0	3555106.0 *	

\* UTM location was derived from PLSS - see Help

<b>Driller License:</b>	1259	<b>Driller Company:</b>	CAMPBELL DRILLING
<b>Driller Name:</b>	CAMPBELL, MICHAEL R.		
<b>Drill Start Date:</b>	1995-01-12	<b>Drill Finish Date:</b>	1995-01-24
<b>Log File Date:</b>	1995-02-01	<b>PCW Rcv Date:</b>	
<b>Pump Type:</b>		<b>Pipe Discharge Size:</b>	
<b>Casing Size:</b>	7.00	<b>Depth Well:</b>	200
		<b>Estimated Yield:</b>	20
		<b>Source:</b>	Shallow
		<b>Depth Water:</b>	60

## Water Bearing Stratifications:

Top	Bottom	Description
162	200	Sandstone/Gravel/Conglomerate

## Casing Perforations:

Top	Bottom
140	200

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/25/25 2:59 PM MST

Point of Diversion Summary

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# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)		(In feet)	
													Distance	Well Depth	Depth Water	Water Column
<a href="#">C 02371</a>		C	ED		NE	SW	15	25S	29E	596741.0	3555106.0 *	●	1203	200	60	140
<a href="#">C 02680</a>		CUB	ED		NE	SW	15	25S	29E	596741.0	3555106.0 *	●	1203	200		
<a href="#">C 04558 POD1</a>		CUB	ED	SW	SE	SW	23	25S	29E	598353.7	3553039.4	●	1450			
<a href="#">C 04503 POD1</a>		CUB	ED	SE	SW	SW	09	25S	29E	594883.5	3556142.6	●	3206			
<a href="#">C 04705 POD1</a>		CUB	ED	NE	NW	NE	35	25S	29E	598866.5	3551191.8	●	3250			
<a href="#">C 04525 POD1</a>		CUB	ED	SW	NW	NE	10	25S	29E	596975.8	3557505.4	●	3476			
<a href="#">C 02518</a>		C	ED		SW	SE	08	25S	29E	593895.0	3556300.0 *	●	4091	462		
<a href="#">C 04529 POD1</a>		CUB	ED	NW	SW	NW	18	25S	30E	601076.9	3555733.7	●	4129			
<a href="#">C 04324 POD10</a>		CUB	ED	NW	NW	NW	09	25S	29E	594563.1	3557603.9	●	4494	65	60	5
<a href="#">C 04324 POD11</a>		CUB	ED	NW	NW	NW	09	25S	29E	594576.3	3557619.5	●	4499	61	61	0
<a href="#">C 04324 POD9</a>		CUB	ED	NW	NW	NW	09	25S	29E	594589.6	3557676.9	●	4536	72	62	10
<a href="#">C 04324 POD6</a>		CUB	ED	NW	NW	NW	09	25S	29E	594538.5	3557657.9	●	4552	62	61	1
<a href="#">C 04324 POD12</a>		CUB	ED	NE	NE	NE	08	25S	29E	594476.1	3557627.2	●	4566	65	60	5
<a href="#">C 04608 POD1</a>		CUB	ED	NW	NW	NE	12	25S	29E	600080.2	3557719.0	●	4602	55		
<a href="#">C 04324 POD8</a>		CUB	ED	SE	SE	SE	05	25S	29E	594442.0	3557807.0	●	4729	69	65	4
<a href="#">C 02459</a>		C	ED	SE	SE	NW	02	25S	29E	598422.0	3558663.0 *	●	4750	150		
<a href="#">C 04604 POD1</a>		CUB	ED	NW	NW	SW	01	25S	29E	599401.4	3558388.6	●	4821	102		
<a href="#">C 04473 POD1</a>		CUB	ED	SW	SE	SW	33	25S	29E	595018.5	3549768.7	●	4850	110		

Average Depth to Water: **61 feet**

Minimum Depth: **60 feet**

Maximum Depth: **65 feet**

**Record Count: 18**

**UTM Filters (in meters):**

**Easting:** 597308.71

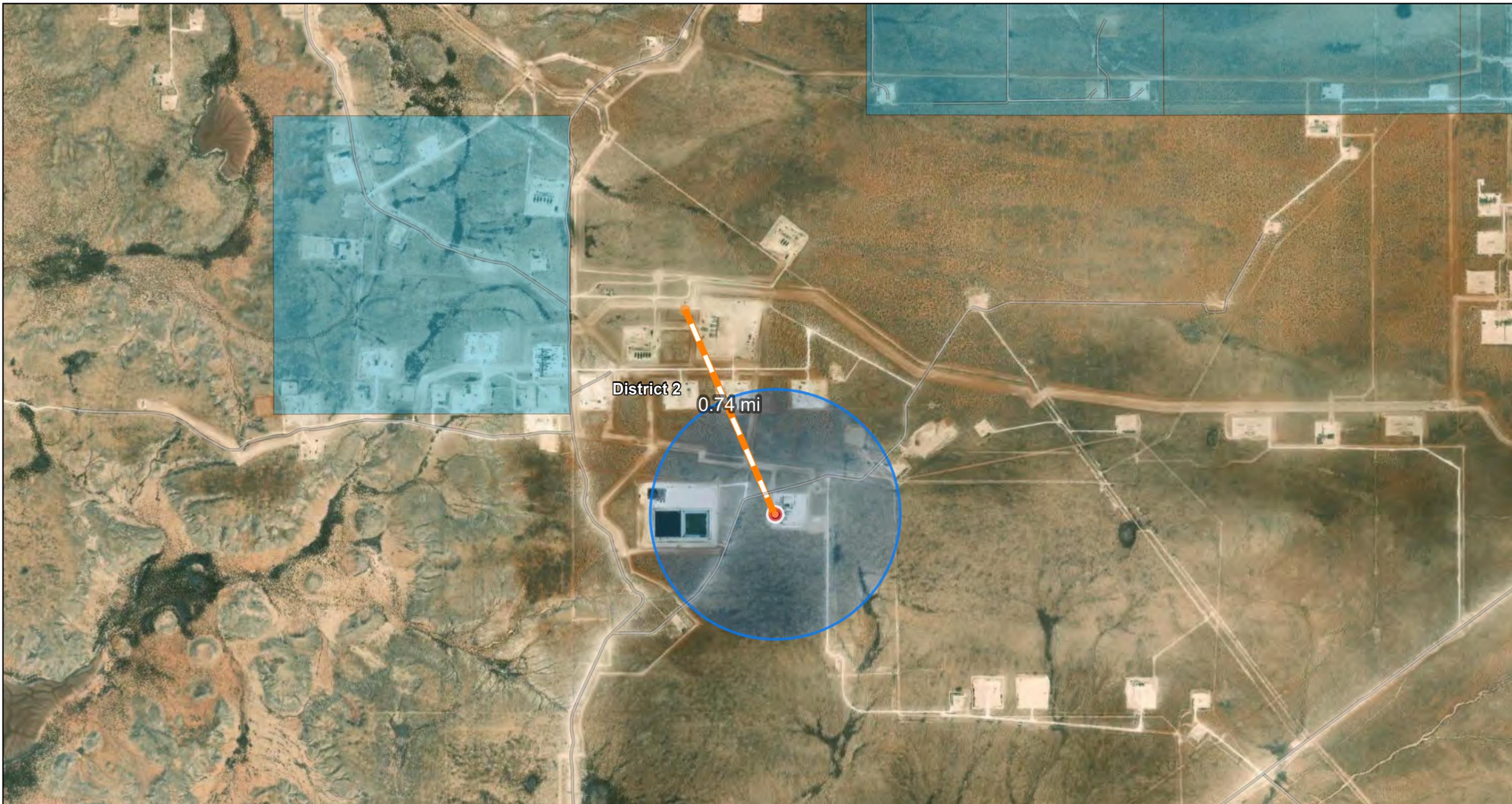
**Northing:** 3554045.04

**Radius:** 5000.0

\* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

# OSE POD Locations Map - Corral Canyon 15 CVB 0.5 mile radius - - C02371



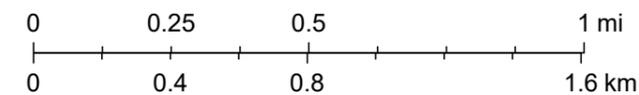
12/11/2025, 4:05:45 PM

1:24,366

- OSE District Boundary
- New Mexico State Trust Lands
- Both Estates

- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery

- High Resolution 30cm Imagery
- Citations
- 4.8m Resolution Metadata



Vantor, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Revised June 1972

STATE ENGINEER OFFICE  
WELL RECORD

Section 1. GENERAL INFORMATION

465299  
TM 194253  
'95 MAR 16 AM 11 10  
Owner's Well No. 2  
STATE ENGINEER OFFICE  
SANTA FE NEW MEXICO

(A) Owner of well Johnny Reid  
Street or Post Office Address 245 E. London Rd.  
City and State Loving, N.M. 88256

Well was drilled under Permit No. C-2371 and is located in the:  
a. NE  $\frac{1}{4}$  SW  $\frac{1}{4}$   $\frac{1}{4}$  of Section 15 Township 25S Range 29E N.M.P.M.  
b. Tract No. \_\_\_\_\_ of Map No. \_\_\_\_\_ of the \_\_\_\_\_  
c. Lot No. \_\_\_\_\_ of Block No. \_\_\_\_\_ of the \_\_\_\_\_  
Subdivision, recorded in Eddy County.  
d. X= \_\_\_\_\_ feet, Y= \_\_\_\_\_ feet, N.M. Coordinate System \_\_\_\_\_ Zone in  
the \_\_\_\_\_ Grant.

(B) Drilling Contractor Campbell Drilling License No. WD-1259  
Address 10 W. Blevins Rd. Artesia, N.M. 88210  
Drilling Began 1-12-95 Completed 1-24-95 Type tools cable Size of hole 10 1/2 in.  
Elevation of land surface or \_\_\_\_\_ at well is \_\_\_\_\_ ft. Total depth of well 200 ft.  
Completed well is  shallow  artesian. Depth to water upon completion of well 60 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
162	200	638	Conglomerated rock or sand	20 GPM +

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
7	23		1 1/2	200		collar	140	200

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
			none		

Section 5. PLUGGING RECORD

Plugging Contractor \_\_\_\_\_  
Address \_\_\_\_\_  
Plugging Method \_\_\_\_\_  
Date Well Plugged \_\_\_\_\_  
Plugging approved by: \_\_\_\_\_  
State Engineer Representative

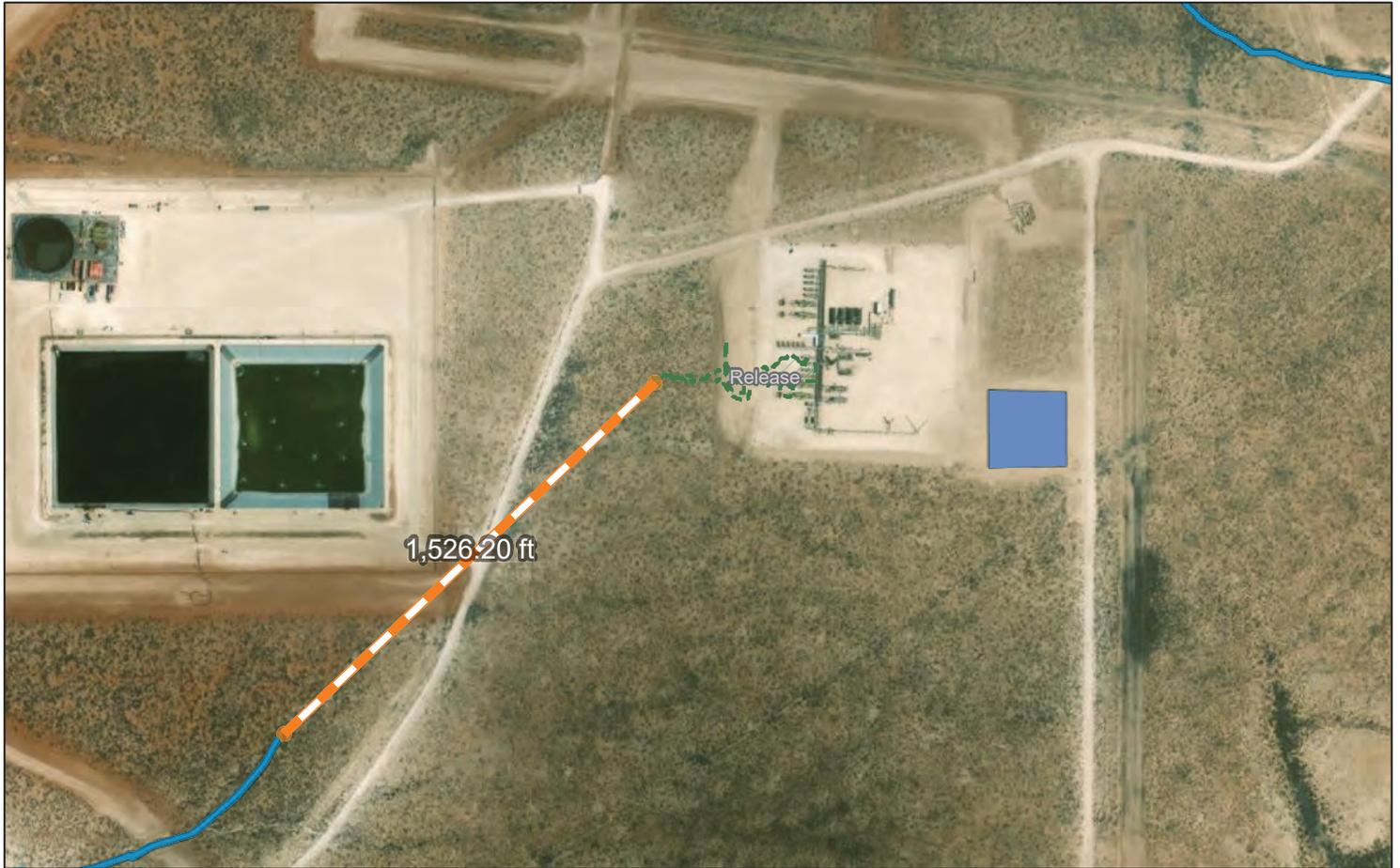
No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 02-01-95 Quad \_\_\_\_\_ FWL \_\_\_\_\_ FSL \_\_\_\_\_  
File No. C-2371 Use Stock Location No. 25.29.15.32131



### Corral Canyon 15 CVB- Riverine 1,526 ft

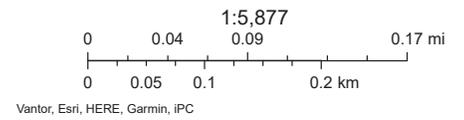


11/17/2025

- World\_Boundaries\_and\_Places
- Release Extent
- Wetlands
- Freshwater Pond
- Riverine
- USA Wetlands - USA Wetlands
- Marsh, Swamp, Bog, Prairie
- River

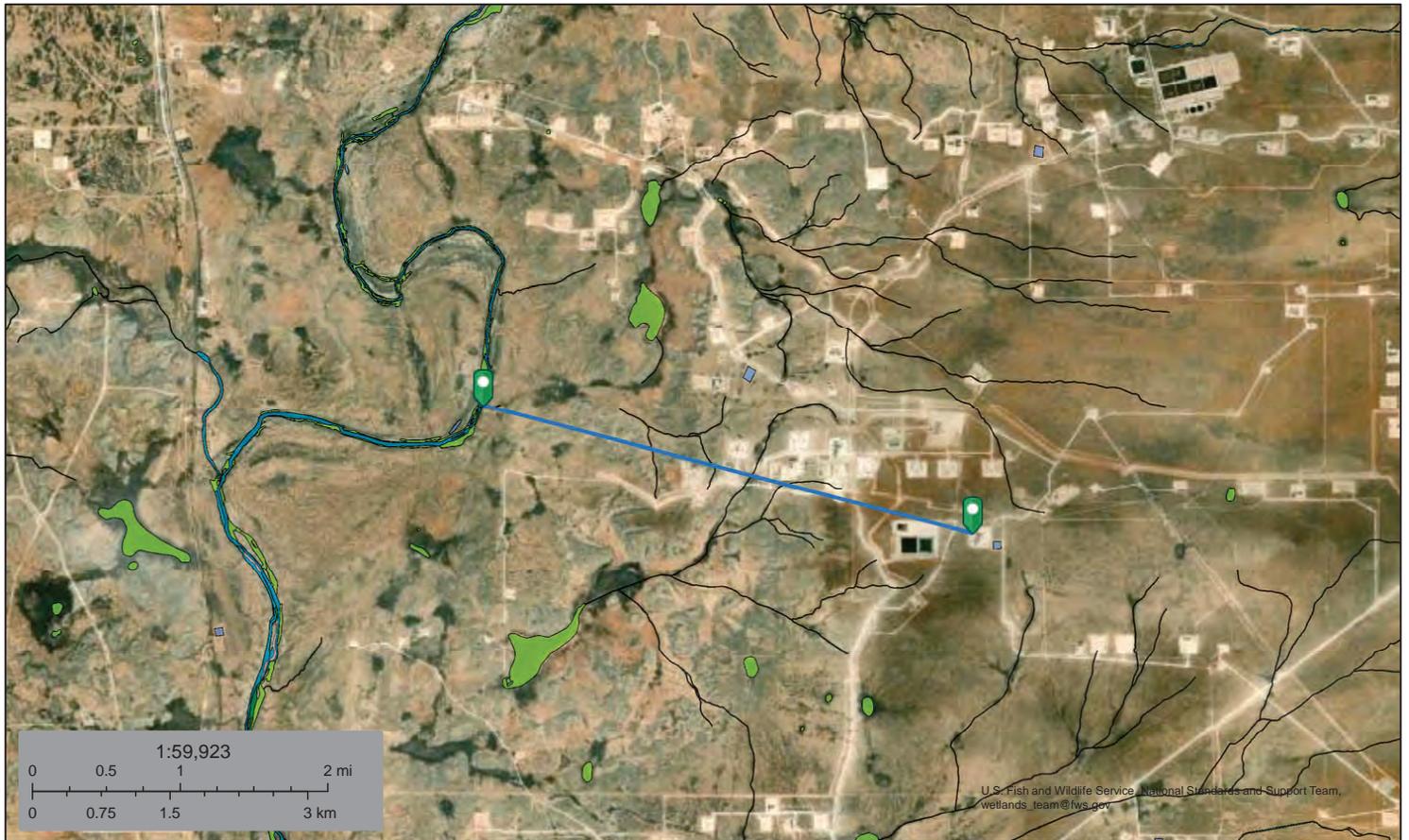
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery

- Citations
- 1.2m Resolution Metadata





Corral Canyon  
Continuous Flowing Watercourse 15,328 ft



May 25, 2025

**Wetlands**

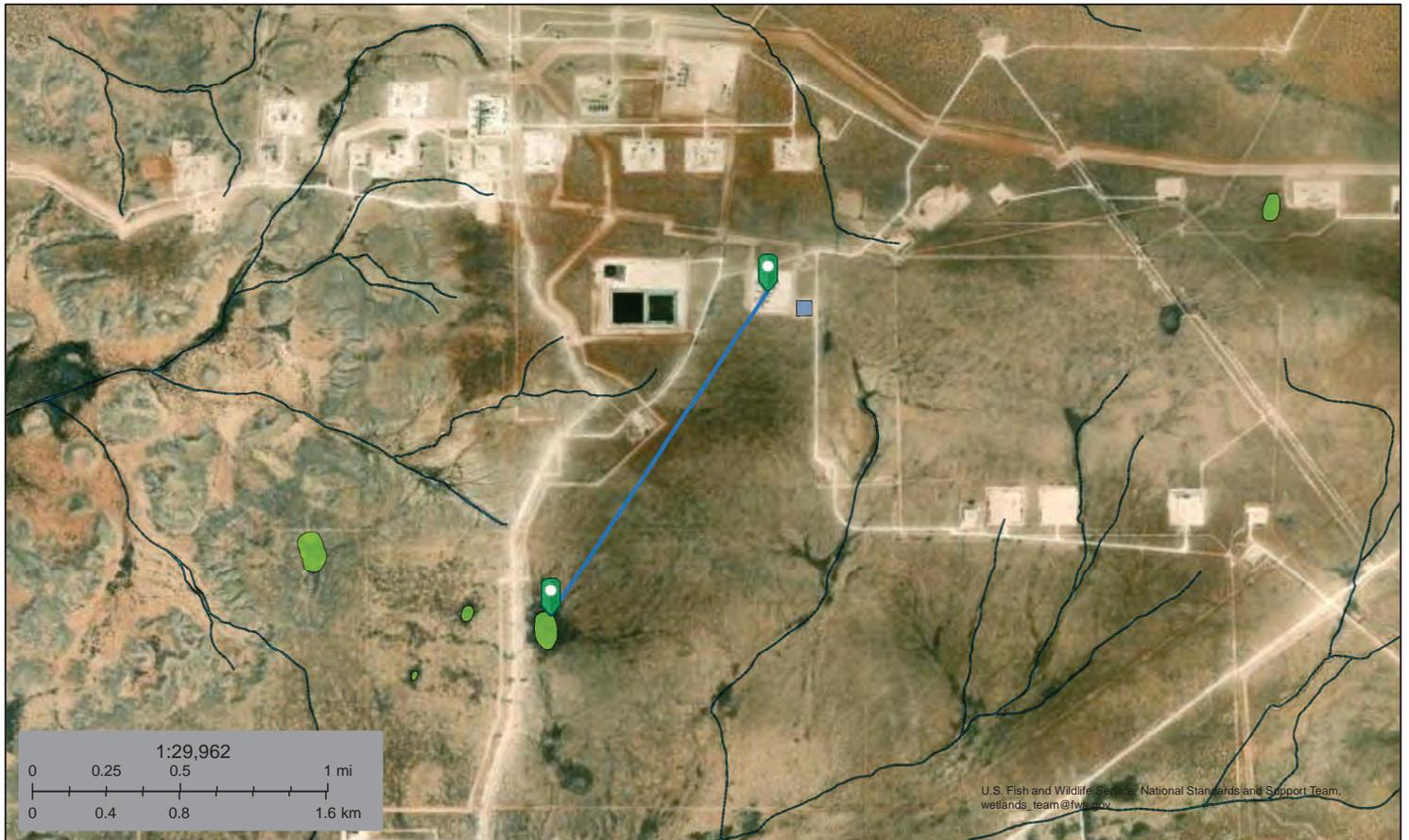
- |                                |                                   |          |
|--------------------------------|-----------------------------------|----------|
| Estuarine and Marine Deepwater | Freshwater Emergent Wetland       | Lake     |
| Estuarine and Marine Wetland   | Freshwater Forested/Shrub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

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National Wetlands Inventory (NWI)  
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### Corral Canyon Playa Lake 5,910 ft



May 25, 2025

**Wetlands**

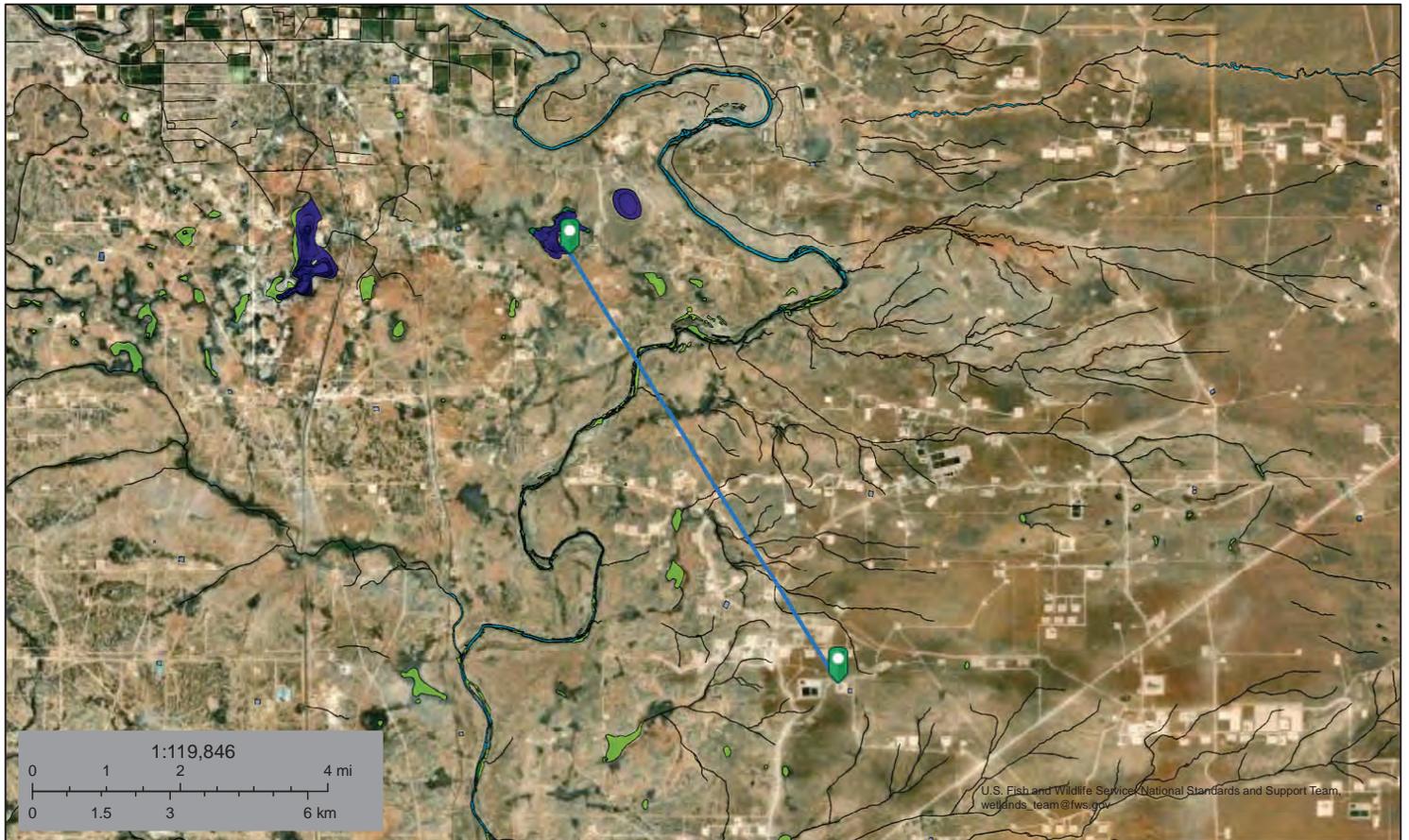
- |                                |                                   |       |
|--------------------------------|-----------------------------------|-------|
| Estuarine and Marine Deepwater | Freshwater Emergent Wetland       | Lake  |
| Estuarine and Marine Wetland   | Freshwater Forested/Shrub Wetland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

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National Wetlands Inventory (NWI)  
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### Corral Canyon Lake 30,580 ft



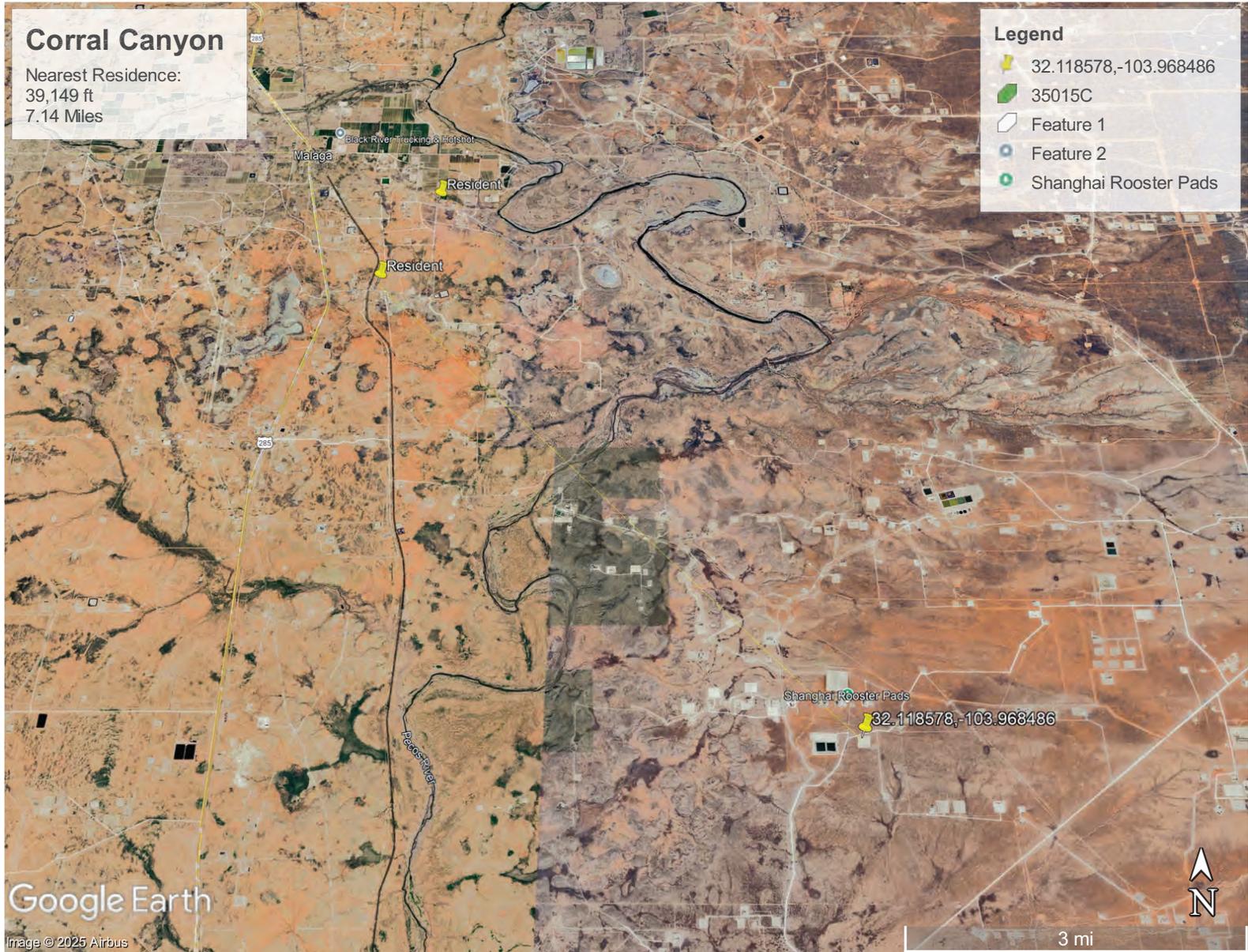
May 25, 2025

**Wetlands**

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

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National Wetlands Inventory (NWI)  
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## New Mexico Office of the State Engineer Active & Inactive Points of Diversion

WR File Nbr	Sub basin	Use	Diversion (acre ft per annum)	Owner	County	POD Number	Well Tag	Code	Grant	Source	(R=POD has been replaced and no longer serves this file, C=the file is closed)					(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)				(NAD83 UTM in meters)		Map	Distance (meters)
											q64	q16	q4	Sec	Tws	Range	X	Y					
<a href="#">C.03617</a>	C	STK	0.000	W.P.RANCHES FAMILY	ED	<a href="#">C.03617 POD1</a>					SW	SE	SW	14	25S	29E	598207.8	3554566.4		1,039.3			
<a href="#">C.02371</a>	C	STK	3.000	TRAN KING & WESTERN COMM. BANK	ED	<a href="#">C.02371</a>				Shallow		NE	SW	15	25S	29E	596741.0	3555106.0 *		1,203.3			
<a href="#">C.02680</a>	CUB	STK	3.000	TRANKING AND WESTERN COMMERCE BANK	ED	<a href="#">C.02680</a>						NE	SW	15	25S	29E	596741.0	3555106.0 *		1,203.3			
<a href="#">C.04558</a>	CUB	MON	0.000	XTO ENERGY INC	ED	<a href="#">C.04558 POD1</a>	NA				SW	SE	SW	23	25S	29E	598353.7	3553039.4		1,450.3			
<a href="#">C.01667</a>	C	STK	0.000	DELAWARE RANCH, INC.	ED	<a href="#">C.01667</a>					NE	NE	NE	16	25S	29E	596021.0	3556005.0 *		2,345.1			
<a href="#">C.04851</a>	CUB	MON	0.000	COG OPERATING LLC	ED	<a href="#">C.04851 POD1</a>	NA				NW	NE	NW	24	25S	29E	599946.3	3554519.9		2,680.0			
<a href="#">C.04503</a>	CUB	MON	0.000	XTO ENERGY INC	ED	<a href="#">C.04503 POD1</a>	NA				SE	SW	SW	09	25S	29E	594883.5	3556142.6		3,206.5			
<a href="#">C.04705</a>	CUB	MON	0.000	DEVON ENERGY	ED	<a href="#">C.04705 POD1</a>	NA				NE	NW	NE	35	25S	29E	598866.5	3551191.8		3,250.8			
<a href="#">C.04525</a>	CUB	MON	0.000	XTO ENERGY INC	ED	<a href="#">C.04525 POD1</a>	NA				SW	NW	NE	10	25S	29E	596975.8	3557505.4		3,476.3			
<a href="#">C.04562</a>	CUB	MON	0.000	XTO ENERGY INC	ED	<a href="#">C.04562 POD1</a>	NA				NE	NE	NW	10	25S	29E	596791.7	3557692.7		3,684.1			
					ED	<a href="#">C.04562 POD2</a>	NA				NE	NE	NW	10	25S	29E	596734.3	3557692.5		3,692.4			
<a href="#">C.02518</a>	C	PRO	0.000	PENWELL ENERGY	ED	<a href="#">C.02518</a>					SW	SE	08	25S	29E	593895.0	3556300.0 *		4,091.2				

WR File Nbr	Sub basin	Use	Diversion (acre ft per annum)	Owner	County	POD Number	Well Tag	Code	Grant	Source	(R=POD has been replaced and no longer serves this file, C=the file is closed)					(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)			(NAD83 UTM in meters)		Map	Distance (meters)
											q64	q16	q4	Sec	Tws	Range	X	Y				
<a href="#">C_04529</a>	CUB	MON	0.000	XTO ENERGY INC	ED	<a href="#">C_04529 POD1</a>	NA				NW	SW	NW	18	25S	30E	601076.9	3555733.7		4,129.3		
<a href="#">LWD_03710</a>	ST	PLS	0.600	NEW MEXICO STATE LAND OFFICE	OT	<a href="#">LWD_03710 POD1</a>						NW	SW	02	25S	29E	597922.0	3558357.0 *		4,355.4		
<a href="#">C_04324</a>	CUB	MON	0.000	XTO ENERGY INC	ED	<a href="#">C_04324 POD10</a>	NA			Shallow	NW	NW	NW	09	25S	29E	594563.1	3557603.9		4,494.9		
					ED	<a href="#">C_04324 POD11</a>	NA			Shallow	NW	NW	NW	09	25S	29E	594576.3	3557619.5		4,499.2		
					ED	<a href="#">C_04324 POD9</a>	NA			Shallow	NW	NW	NW	09	25S	29E	594589.6	3557676.9		4,537.0		
					ED	<a href="#">C_04324 POD3</a>	NA				NW	NW	NW	09	25S	29E	594548.4	3557656.5		4,545.5		
					ED	<a href="#">C_04324 POD5</a>	NA				NW	NW	NW	09	25S	29E	594532.0	3557644.6		4,546.1		
					ED	<a href="#">C_04324 POD6</a>	NA			Shallow	NW	NW	NW	09	25S	29E	594538.5	3557657.9		4,552.7		
					ED	<a href="#">C_04324 POD1</a>	NA				NW	NW	NW	09	25S	29E	594538.7	3557658.8		4,553.3		
					ED	<a href="#">C_04324 POD4</a>	NA				NW	NW	NW	09	25S	29E	594540.4	3557668.7		4,560.1		
					ED	<a href="#">C_04324 POD2</a>	NA				NW	NW	NW	09	25S	29E	594524.5	3557660.9		4,563.6		
					ED	<a href="#">C_04324 POD12</a>	NA			Shallow	NE	NE	NE	08	25S	29E	594476.1	3557627.2		4,566.8		
<a href="#">C_04608</a>	CUB	EXP	0.000	LUCID ENERGY DELAWARE LLC	ED	<a href="#">C_04608 POD1</a>	NA				NW	NW	NE	12	25S	29E	600080.2	3557719.0		4,602.1		
<a href="#">C_04324</a>	CUB	MON	0.000	XTO ENERGY INC	ED	<a href="#">C_04324 POD8</a>	NA			Shallow	SE	SE	SE	05	25S	29E	594442.0	3557807.0		4,729.7		
<a href="#">C_02459</a>	C	PRO	0.000	SANTA FE ENERGY RESOURCES INC.	ED	<a href="#">C_02459</a>					SE	SE	NW	02	25S	29E	598422.0	3558663.0 *		4,750.3		
<a href="#">C_04324</a>	CUB	MON	0.000	XTO ENERGY INC	ED	<a href="#">C_04324 POD7</a>	NA				SE	SE	SE	05	25S	29E	594410.0	3557863.0		4,793.7		
<a href="#">C_04604</a>	CUB	MON	0.000	OXY USA INC	ED	<a href="#">C_04604 POD1</a>	NA				NW	NW	SW	01	25S	29E	599401.4	3558388.6		4,821.4		

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Well Tag	Code	Grant	Source	(R=POD has been replaced and no longer serves this file, C=the file is closed)					(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest)			(NAD83 UTM in meters)		Map	Distance (meters)
											q64	q16	q4	Sec	Tws	Range	X	Y				
<a href="#">C_04473</a>	CUB	MON	0.000	XTO ENERGY INC	ED	<a href="#">C_04473 POD1</a>	NA				SW	SE	SW	33	25S	29E	595018.5	3549768.7		4,851.0		

**Record Count:** 30

**Filters Applied:**

**UTM Filters (in meters):**

**Easting:** 597308.71  
**Northing:** 3554045.04  
**Radius:** 5000.0

**Sorted By:** Distance

\* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

# Water Right Summary



[get image list](#)

**WR File Number:** C 03617 **Subbasin:** C **Cross Reference:**

**Primary Purpose:** STK 72-12-1 LIVESTOCK WATERING

**Primary Status:** EXP Expired

**Total Acres:** **Subfile:** **Header:**

**Total Diversion:** 0.000 **Cause/Case:**

**Owner:** W.P. RANCHES FAMILY **Owner Class:** Owner

**Contact:** WAYLAND PERRY

**Owner:** BUREAU OF LAND MANAGEMENT UNITED STATES DEPT OF INTERIOR **Owner Class:** Owner

**Contact:** STEVE DALY

## Documents on File

(acre-ft)

Transaction Images	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/To	Acres	Diversion
<a href="#">_get images</a>	<a href="#">528784</a>	72121	2013-06-06	EXP	EXP	C 03617	T		3.000

## Current Points of Diversion

POD Number	Well Tag	Source	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map	Other Location Desc
<a href="#">C_03617_POD1</a>			SW	SE	SW	14	25S	29E	598207.8	3554566.4		

\* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

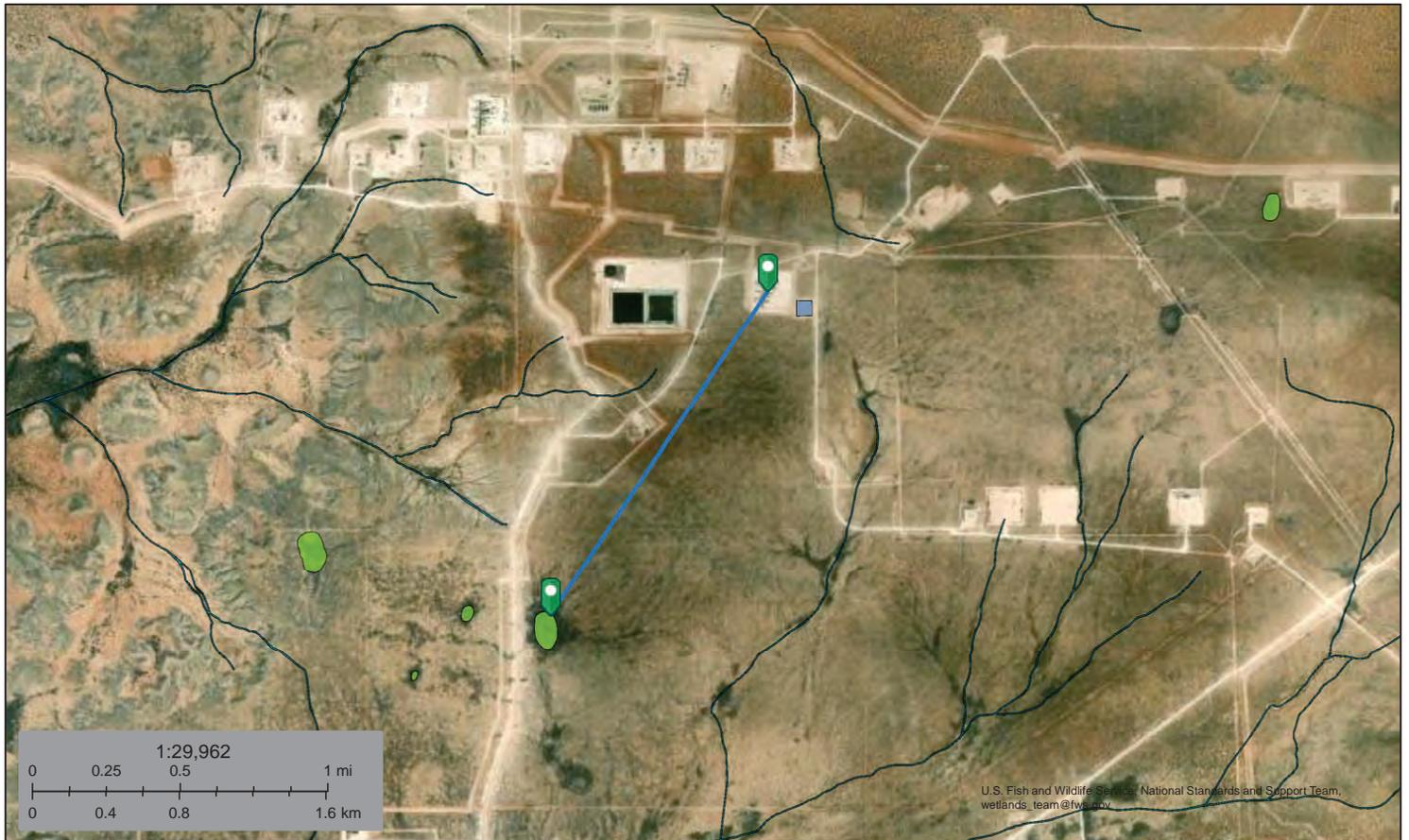
5/25/25 3:24 PM MST

Water Rights Summary

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### Corral Canyon Wetland 5,910 ft



May 25, 2025

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

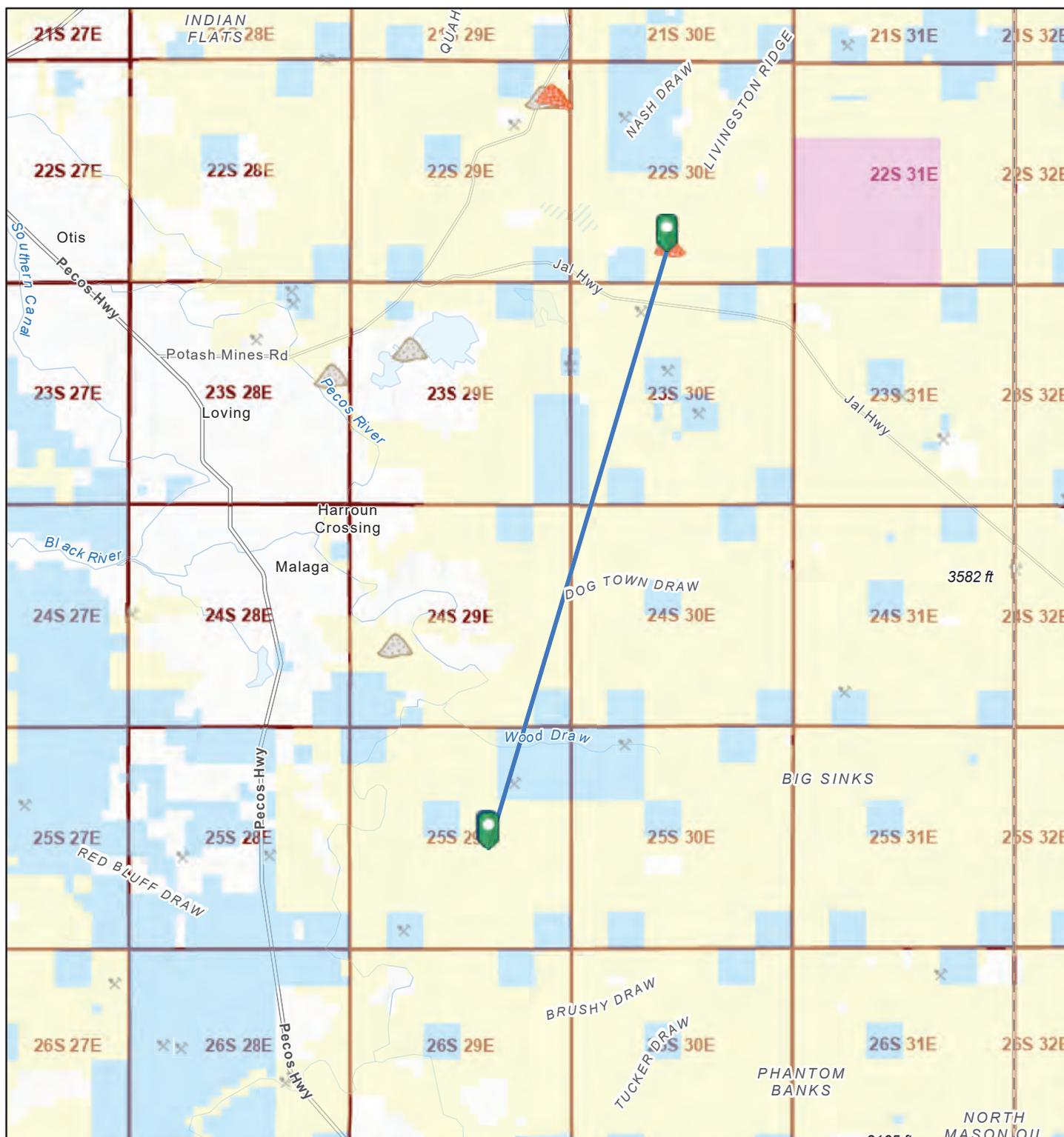
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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National Wetlands Inventory (NWI)  
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# Corral Canyon 15 CVB - Active Mines - 89,554 ft



5/25/2025, 2:06:22 PM

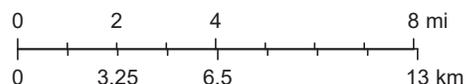
1:288,895

### Registered Mines

### Land Ownership

- ✕ Aggregate, Stone etc.
- ✕ Aggregate, Stone etc.
- ✕ Aggregate, Stone etc.
- ▲ Potash
- ▲ Salt

- BLM
- DOE
- P
- S
- PLSS Townships



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

EMNRD MMD GIS Coordinator

# National Flood Hazard Layer FIRMette



103°58'25"W 32°7'22"N



Basemap Imagery Source: USGS National Map 2023

## Legend

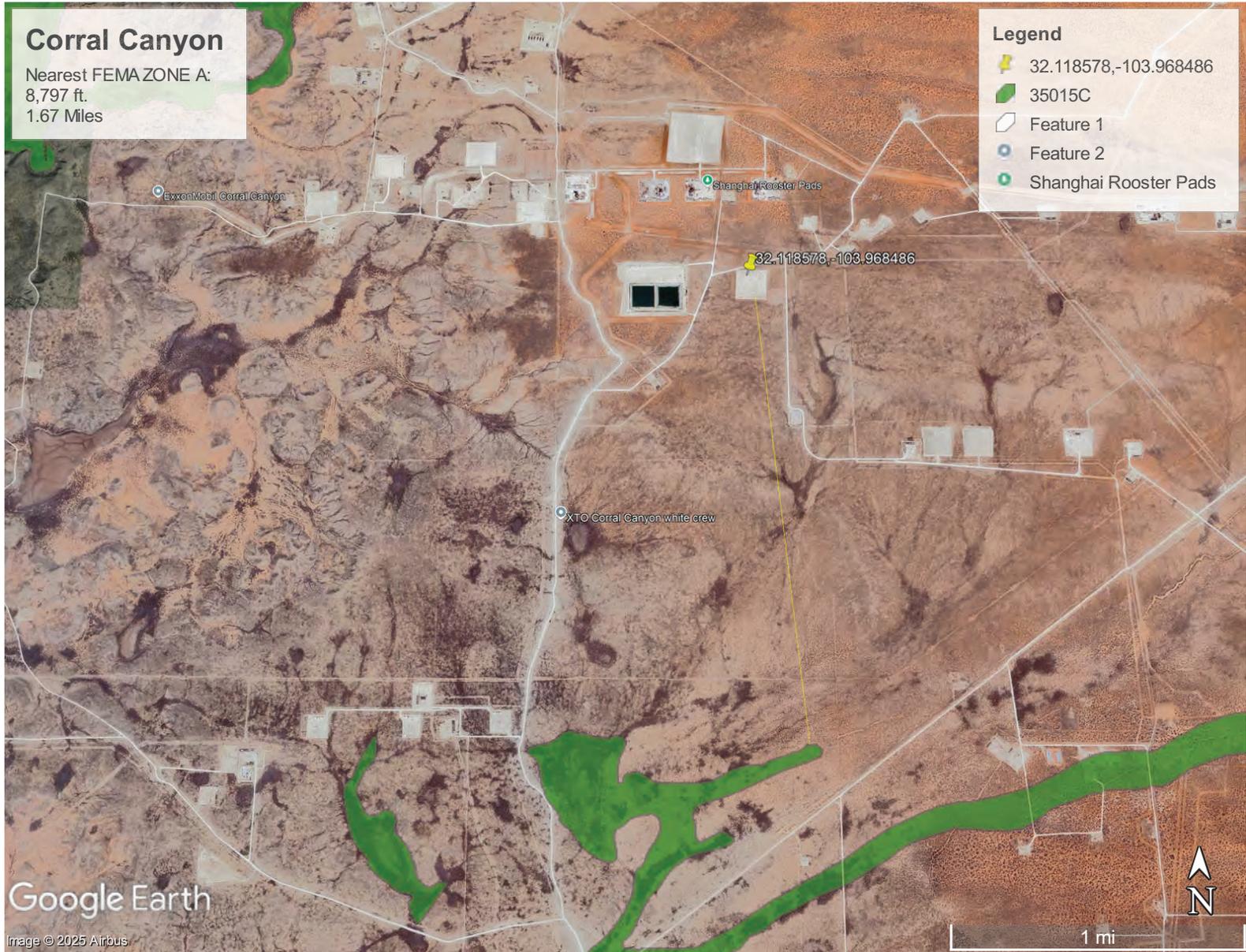
SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, AB99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		Cross Sections with 1% Annual Chance
		Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
OTHER FEATURES		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/25/2025 at 7:24 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.





United States  
Department of  
Agriculture

**NRCS**

Natural  
Resources  
Conservation  
Service

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

# Custom Soil Resource Report for Eddy Area, New Mexico



May 25, 2025

# Preface

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Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist ([http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2\\_053951](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951)).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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## How Soil Surveys Are Made

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Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

## Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

Custom Soil Resource Report

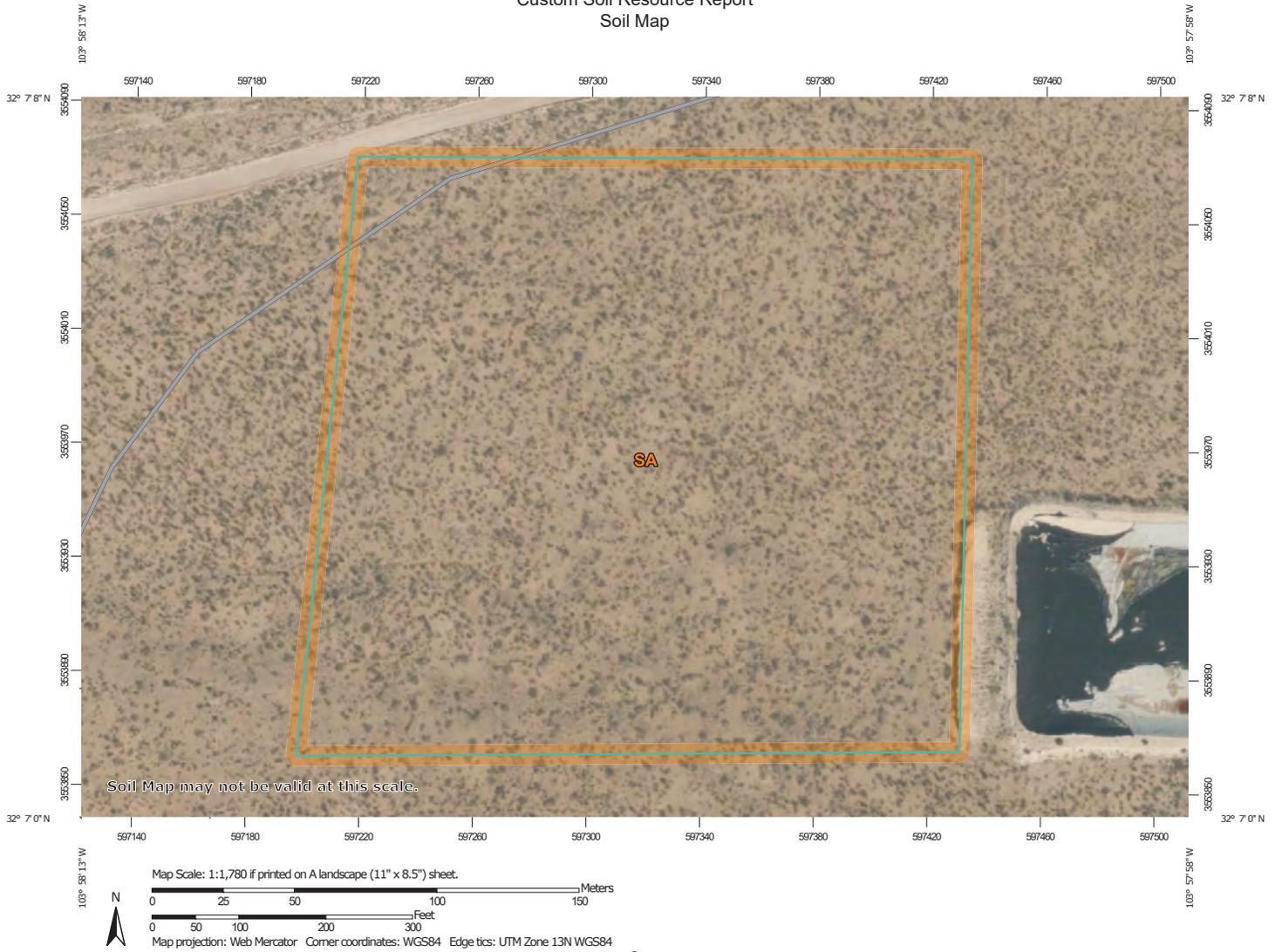
identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

## Soil Map

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The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

### Custom Soil Resource Report Soil Map



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MAP LEGEND		MAP INFORMATION	
<p><b>Area of Interest (AOI)</b></p> <p> Area of Interest (AOI)</p>		<p>The soil surveys that comprise your AOI were mapped at 1:20,000.</p>	
<p><b>Soils</b></p> <p> Soil Map Unit Polygons</p> <p> Soil Map Unit Lines</p> <p> Soil Map Unit Points</p>		<p><b>Warning:</b> Soil Map may not be valid at this scale.</p> <p>Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.</p>	
<p><b>Special Point Features</b></p> <p> Blowout</p> <p> Borrow Pit</p> <p> Clay Spot</p> <p> Closed Depression</p> <p> Gravel Pit</p> <p> Gravelly Spot</p> <p> Landfill</p> <p> Lava Flow</p> <p> Marsh or swamp</p> <p> Mine or Quarry</p> <p> Miscellaneous Water</p> <p> Perennial Water</p> <p> Rock Outcrop</p> <p> Saline Spot</p> <p> Sandy Spot</p> <p> Severely Eroded Spot</p> <p> Sinkhole</p> <p> Slide or Slip</p> <p> Sodic Spot</p>		<p><b>Background</b></p> <p> Aerial Photography</p>	
<p><b>Water Features</b></p> <p> Streams and Canals</p>		<p><b>Transportation</b></p> <p> Rails</p> <p> Interstate Highways</p> <p> US Routes</p> <p> Major Roads</p> <p> Local Roads</p>	
<p><b>Other</b></p> <p> Spoil Area</p> <p> Stony Spot</p> <p> Very Stony Spot</p> <p> Wet Spot</p> <p> Other</p> <p> Special Line Features</p>		<p>Please rely on the bar scale on each map sheet for map measurements.</p> <p>Source of Map: Natural Resources Conservation Service                  Web Soil Survey URL:                  Coordinate System: Web Mercator (EPSG:3857)</p> <p>Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.</p> <p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p> <p>Soil Survey Area: Eddy Area, New Mexico                  Survey Area Data: Version 20, Sep 3, 2024</p> <p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p> <p>Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020</p> <p>The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.</p>	

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## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SA	Simona sandy loam, 0 to 3 percent slopes	11.7	100.0%
<b>Totals for Area of Interest</b>		<b>11.7</b>	<b>100.0%</b>

## 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 landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

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

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

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

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

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

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

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

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

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**Eddy Area, New Mexico****SA—Simona sandy loam, 0 to 3 percent slopes****Map Unit Setting**

*National map unit symbol:* 1w5v  
*Elevation:* 3,000 to 4,200 feet  
*Mean annual precipitation:* 10 to 16 inches  
*Mean annual air temperature:* 60 to 64 degrees F  
*Frost-free period:* 180 to 220 days  
*Farmland classification:* Not prime farmland

**Map Unit Composition**

*Simona and similar soils:* 95 percent  
*Minor components:* 5 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

**Description of Simona****Setting**

*Landform:* Plains, alluvial fans  
*Landform position (three-dimensional):* Rise  
*Down-slope shape:* Convex, linear  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium and/or eolian sands

**Typical profile**

*H1 - 0 to 6 inches:* sandy loam  
*H2 - 6 to 20 inches:* fine sandy loam  
*H3 - 20 to 24 inches:* indurated

**Properties and qualities**

*Slope:* 0 to 3 percent  
*Depth to restrictive feature:* 7 to 24 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* High  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 15 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Very low (about 2.5 inches)

**Interpretive groups**

*Land capability classification (irrigated):* 4s  
*Land capability classification (nonirrigated):* 7e  
*Hydrologic Soil Group:* D  
*Ecological site:* R070BD002NM - Shallow Sandy  
*Hydric soil rating:* No

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**Minor Components**

**Unnamed soils**

*Percent of map unit:* 4 percent  
*Hydric soil rating:* No

**Playa**

*Percent of map unit:* 1 percent  
*Landform:* Flood-plain playas  
*Landform position (three-dimensional):* Talf  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex, linear  
*Ecological site:* R070BC017NM - Bottomland  
*Hydric soil rating:* Yes

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United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2\\_054242](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242)

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## Ecological site R070BD002NM

### Shallow Sandy

Accessed: 05/25/2025

### General information

**Provisional.** A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

#### Figure 1. Mapped extent

Areas shown in blue indicate the maximum mapped extent of this ecological site. Other ecological sites likely occur within the highlighted areas. It is also possible for this ecological site to occur outside of highlighted areas if detailed soil survey has not been completed or recently updated.

### Associated sites

R070BD004NM	<b>Sandy</b> Sandy sites often occur in association or in a complex with Shallow Sandy Sites.
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### Similar sites

R070BD004NM	<b>Sandy</b> Sandy ecological sites are similar to Shallow Sandy sites in species composition and Transition pathways.
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Table 1. Dominant plant species

Tree	Not specified
Shrub	Not specified
Herbaceous	Not specified

### Physiographic features

This site occurs on plains, alluvial fans, uplands, or fan piedmonts. The parent material consists of mixed loamy alluvium or eolian material derived from igneous and sedimentary bedrock. The petrocalcic layer is at a depth of 10 to 25 inches and undulating.

Slopes are nearly level to undulating, usually less than 9 percent. Elevations range from 2,842 to 4,500 feet.

**Table 2. Representative physiographic features**

Landforms	(1) Plain (2) Fan piedmont (3) Alluvial fan
Elevation	2,842–4,500 ft
Slope	1–9%
Aspect	Aspect is not a significant factor

### **Climatic features**

The average annual precipitation ranges from 8 to 13 inches. Variations of 5 inches, more or less, are common. Over 80 percent of the precipitation falls from April through October. Most of the summer precipitation comes in the form of high intensity – short duration thunderstorms.

Temperatures are characterized by distinct seasonal changes and large annual and diurnal temperature changes. The average annual temperature is 61 degrees with extremes of 25 degrees below zero in the winter to 112 degrees in the summer. The average frost-free season is from 207 to 220 days. The last killing frost is in late March or early April, and the first killing frost is in late October or early November. Temperature and rainfall both favor warm season perennial plant growth. In years of abundant spring moisture, annual forbs and cool season grasses can make up an important component of the site. The vegetation of this site can take advantage of the moisture and the time it falls. Because of the soil profile, little moisture can be stored in the soil for any length of time. Moisture is readily available to the plants from the time it falls. Strong winds from the southwest blow from January through June which rapidly dries out the soil profile during a critical period for plant growth.

Climate data was obtained from <http://www.wrcc.sage.dri.edu/summary/climsmnm.html> web site using 50% probability for freeze-free and frost-free seasons using 28.5 degrees F and 32.5 degrees F respectively.

**Table 3. Representative climatic features**

Frost-free period (average)	221 days
Freeze-free period (average)	240 days
Precipitation total (average)	13 in

## Influencing water features

This site is not influenced from water from wetlands or streams.

## Soil features

Soils are very shallow to shallow, less than 20 inches in depth. Surface and subsurface textures are gravelly loamy sand, gravelly fine sandy loam or fine sandy loam.

An indurated caliche layer occurs at depths of 6 to 25 inches and is at an average of 15 inches from the surface. Underlying material textures are very gravelly fine sandy loam, very gravelly sandy loam, gravelly fine sandy loam. Gravels are calcium carbonate concretions, calcium carbonate content ranges from 30 to 65 percent.

The indurated caliche layer typically holds water up in the profile for short periods within the root zone of plants. These soils will blow if left unprotected by vegetation.

Minimum and maximum values listed below represent the characteristic soils for this site.

Characteristic soils are:

Simona

Jerag

**Table 4. Representative soil features**

Surface texture	(1) Fine sandy loam (2) Loamy fine sand (3) Gravelly fine sandy loam
Family particle size	(1) Loamy
Drainage class	Well drained to moderately well drained
Permeability class	Moderately slow to moderate
Soil depth	7–24 in
Surface fragment cover ≤3"	5–25%
Surface fragment cover >3"	0%
Available water capacity (0-40in)	1–2 in
Calcium carbonate equivalent (0-40in)	5–15%
Electrical conductivity (0-40in)	0–4 mmhos/cm

Sodium adsorption ratio (0-40in)	0
Soil reaction (1:1 water) (0-40in)	7.4–8
Subsurface fragment volume <=3" (Depth not specified)	5–25%
Subsurface fragment volume >3" (Depth not specified)	0%

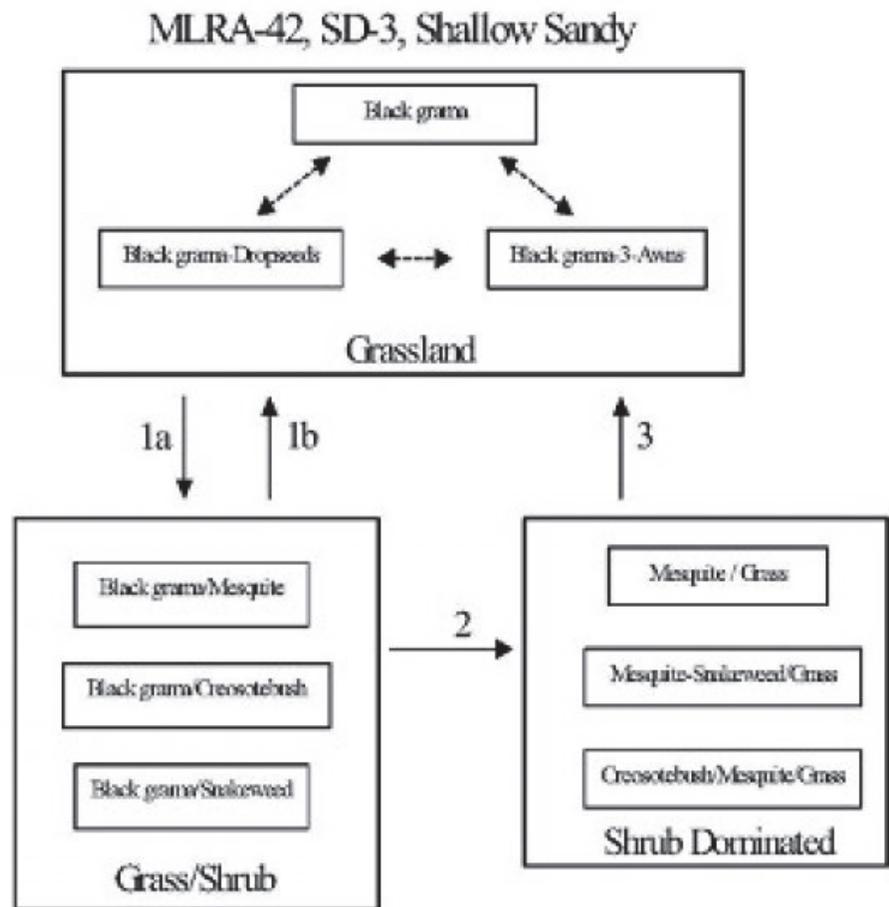
## Ecological dynamics

### Overview

The Shallow Sandy site occurs on upland plains, and tops of low ridges and mesas, associated with Sandy, Loamy Sand, and Shallow sites. Coarse to moderately coarse soil surface textures, shallow depth (<20 inches) to an indurated caliche layer (petrocalcic horizon), and an overwhelming dominance by black grama help to distinguish this site. The historic plant community of the Shallow Sandy site is a black grama dominated grassland sparsely dotted with shrubs. Shrubs, especially mesquite and creosotebush can increase or colonize due to the dispersal of shrub seeds by livestock or wildlife. This increase in mesquite and colonization of creosotebush may be enhanced by proximity to areas with existing high shrub densities. Fire suppression, and the loss of grass cover due to overgrazing or drought may facilitate the increase and encroachment of shrubs. Persistent loss of grass cover, competition for resources by shrubs, and periods of climate with increased winter precipitation and dry summers, may initiate the transition to a shrub-dominated state.

## State and transition model

**Plant Communities and Transitional Pathways (diagram)**



- 1a. Seed dispersal, drought, overgrazing, fire suppression.
- 1b. Prescribed fire, brush control, prescribed grazing.

2. Persistent loss of grass cover, resource competition, increased winter precipitation.

3. Brush control, range seeding, prescribed grazing.

**State 1  
Historic Climax Plant Community**

**Community 1.1  
Historic Climax Plant Community**

Grassland: This site responds well to management and is resistant to state change, due to the shallow depth to petrocalcic horizon and sandy surface textures. The sandy surface textures allow rapid water infiltration and the petrocalcic horizon helps to keep water

perched and available to shallow rooted grasses. Black grama is the dominant species in the historic plant community, averaging 50 to 60 percent of the total production for this site. Bush muhly, blue grama, and dropseeds are present as sub-dominants. Typically, yucca, javalinabush, range ratany, prickly pear, and mesquite are sparsely dotted across the landscape. Leatherweed croton, cutleaf happlopappus, wooly groundsel, and threadleaf groundsel are common forbs. Continuous heavy grazing or extended periods of drought will cause a loss of grass cover characterized by a decrease in black grama, bush muhly, blue and sideoats grama, plains bristlegrass, and Arizona cottontop. Dropseeds and or threeawns may increase and become sub-dominant to black grama. Continued loss of grass cover in conjunction with dispersal of shrub seeds and fire suppression is believed to cause the transition to a state with increased amounts of shrubs (Grass/Shrub state).  
 Diagnosis: Black grama is the dominant grass species. Grass cover uniformly distributed. Shrubs are a minor component averaging only two to five percent canopy cover. Litter cover is high (40-50 percent of area), and litter movement is limited to smaller size class litter and short distances (< . 5m). Other grasses that could appear on this site would include: six-weeks grama, fluffgrass, false-buffalograss, hairy grama, little bluestem, bristle panicum, cane bluestem, Indian ricegrass, tridens spp., and red lovegrass. Other woody plants include: pricklypear, cholla, fourwing saltbush, catclaw mimosa, winterfat, American tarbush and mesquite. Other forbs include: globemallow, verbena, desert holly, senna, plains blackfoot, trailing fleabane, fiddleneck, deerstongue, wooly Indianwheat, and locoweed.

**Table 5. Annual production by plant type**

Plant Type	Low (Lb/Acre)	Representative Value (Lb/Acre)	High (Lb/Acre)
Grass/Grasslike	474	652	830
Forb	78	107	136
Shrub/Vine	48	66	84
<b>Total</b>	<b>600</b>	<b>825</b>	<b>1050</b>

**Table 6. Ground cover**

Tree foliar cover	0%
Shrub/vine/liana foliar cover	0%
Grass/grasslike foliar cover	30-35%
Forb foliar cover	0%
Non-vascular plants	0%
Biological crusts	0%
Litter	40-50%
Surface fragments >0.25" and <=3"	0%
Surface fragments >3"	0%

Bedrock	0%
Water	0%
Bare ground	15-25%

**Figure 5. Plant community growth curve (percent production by month). NM2802, R042XC002NM-Shallow Sandy-HCPC. SD-3 Shallow Sandy - Warm season plant community.**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0	0	3	5	10	10	25	30	12	5	0	0

## State 2 Grass/Shrub

### Community 2.1 Grass/Shrub

Grass/Shrub: This state is characterized by the notable presence of shrubs, especially mesquite, broom snakeweed, and/or creosotebush, however grasses remain as the dominant species. Black grama is the dominant grass species. Threeawns and or dropseeds are sub-dominant. The susceptibility of the Shallow Sandy site to shrub encroachment may be higher when located adjacent to other sites with high densities of mesquite or creosotebush. Retrogression within this site is characterized by decreases in grass cover and increasing densities of shrubs. Diagnosis: Black grama remains as the dominant grass species. Grass cover varies in response to the amount of shrub increase, ranging from uniform to patchy. Shrubs are found at increased densities relative to the grassland state, especially mesquite, creosotebush, or broom snakeweed. Transition to Grass/Shrub (1a) Historically fire may have kept mesquite and other shrubs in check by completely killing some species and disrupting seed production cycles and suppressing the establishment of shrub seedlings in others. Fire suppression combined with seed dispersal by livestock and wildlife is believed to be the factors responsible for the establishment and increase in shrubs.<sup>1, 3</sup> Loss of grass cover due to overgrazing, prolonged periods of drought, or their combination, reduces fire fuel loads and increases the susceptibility of the site to shrub establishment. Key indicators of approach to transition: Increase in the relative abundance of dropseeds and threeawns Presence of shrub seedlings Loss of organic matter—evidenced by an increase in physical soil crusts 8 Transition back to Grassland (1b) Brush control is necessary to initiate the transition back to the grassland state. If adequate fuel loads remain, possibly the reintroduction of fire as a management tool will assist in the transition back, however, mixed results have been observed concerning the effects of fire on black grama grasslands.<sup>6</sup> Prescribed grazing will help ensure adequate rest following brush control and will assist in the establishment and maintenance of grass cover capable of sustaining fire.

## State 3 Shrub Dominated

### Community 3.1 Shrub Dominated

Shrub-Dominated: Across the range of soil types included in the Shallow Sandy site, mesquite is typically the dominant shrub, but it does occur as a co-dominant or sub-dominant species with creosotebush or broom snakeweed. Mesquite tends to dominate when the Shallow Sandy site occurs as part of a complex or in association with Sandy or Loamy Sand sites. Creosotebush tends to dominate on Shallow Sandy sites that occur as part of, or adjacent to Shallow Sites. Broom snakeweed increases in response to heavy grazing, but tends to cycle in and out depending on timing of rainfall. However, once the site is dominated by shrubs and snakeweed becomes well established, it tends to remain as a major component in the shrub dominated state. Diagnosis: Mesquite, creosotebush, or snakeweed cover is high, exceeding that of grasses. Grass cover is patchy with large connected bare areas present. Black grama, threeawns, or dropseeds may be the dominant grass. Evidence of accelerated wind erosion in the form of pedestalling of plants, and soil deposition around shrub bases may be common. Transition to Shrub-Dominated (2) Persistent loss of grass cover and the resulting increased competition between shrubs and remaining grasses for dwindling resources (especially soil moisture) may drive this transition.5 Additionally periods of increased winter precipitation may facilitate periodic episodes of shrub expansion and establishment. 4 Key indicators of approach to transition: Increase in size and frequency of bare patches. Loss of grass cover in shrub interspaces. Increased signs of erosion, evidenced by pedestalling of plants, and soil and litter deposition on leeward side of plants. 7 Transition back to Grassland (3) Brush control is necessary to reduce competition from shrubs and reestablish grasses. Range seeding may be necessary if insufficient grasses remain, The benefits, and costs, will vary depending upon the degree of site degradation, and adequate precipitation following seeding.

### Additional community tables

Table 7. Community 1.1 plant community composition

Group	Common Name	Symbol	Scientific Name	Annual Production (Lb/Acre)	Foliar Cover (%)
<b>Grass/Grasslike</b>					
1	<b>Warm Season</b>			413–495	
	black grama	BOER4	<i>Bouteloua eriopoda</i>	413–495	–
2	<b>Warm Season</b>			41–83	
	bush muhly	MUPO2	<i>Muhlenbergia porteri</i>	41–83	–
3	<b>Warm Season</b>			41–83	

	blue grama	BOGR2	<i>Bouteloua gracilis</i>	41–83	–
4	<b>Warm Season</b>			25–41	
	sideoats grama	BOCU	<i>Bouteloua curtipendula</i>	25–41	–
5	<b>Warm Season</b>			41–83	
	spike dropseed	SPCO4	<i>Sporobolus contractus</i>	41–83	–
	sand dropseed	SPCR	<i>Sporobolus cryptandrus</i>	41–83	–
	mesa dropseed	SPFL2	<i>Sporobolus flexuosus</i>	41–83	–
6	<b>Warm Season</b>			17–41	
	threeawn	ARIST	<i>Aristida</i>	17–41	–
7	<b>Warm Season</b>			41–83	
	Arizona cottontop	DICA8	<i>Digitaria californica</i>	41–83	–
	plains bristlegrass	SEVU2	<i>Setaria vulpiseta</i>	41–83	–
8	<b>Warm Season</b>			41–83	
	mat sandbur	CELO3	<i>Cenchrus longispinus</i>	41–83	–
	hooded windmill grass	CHCU2	<i>Chloris cucullata</i>	41–83	–
9	<b>Other Perennial Grasses</b>			25–41	
	Grass, perennial	2GP	<i>Grass, perennial</i>	25–41	–
<b>Shrub/Vine</b>					
10	<b>Shrub</b>			8–25	
	javelina bush	COER5	<i>Condalia ericoides</i>	8–25	–
11	<b>Shrub</b>			8–25	
	yucca	YUCCA	<i>Yucca</i>	8–25	–
12	<b>Shrub</b>			8–25	
	jointfir	EPHED	<i>Ephedra</i>	8–25	–
	littleleaf ratany	KRER	<i>Krameria erecta</i>	8–25	–
13	<b>Shrub</b>			8–25	
	featherplume	DAFO	<i>Dalea formosa</i>	8–25	–
14	<b>Shrub</b>			8–25	
	broom snakeweed	GUSA2	<i>Gutierrezia sarothrae</i>	8–25	–
15	<b>Other Shrubs</b>			25–41	
	Shrub (>.5m)	2SHRUB	<i>Shrub (&gt;.5m)</i>	25–41	–
<b>Forb</b>					
16	<b>Forb</b>			17–41	
	leatherweed	CRPOP	<i>Croton pottsii var. pottsii</i>	17–41	–

	Goodding's tansyaster	MAPIG2	<i>Machaeranthera pinnatifida</i> <i>ssp. gooddingii</i> var. <i>gooddingii</i>	17–41	–
17	<b>Forb</b>			17–41	
	woolly groundsel	PACA15	<i>Packera cana</i>	17–41	–
	threadleaf ragwort	SEFLF	<i>Senecio flaccidus</i> var. <i>flaccidus</i>	17–41	–
18	<b>Forb</b>			8–25	
	whitest evening primrose	OEAL	<i>Oenothera albicaulis</i>	8–25	–
19	<b>Other Forbs</b>			8–25	
	Forb (herbaceous, not grass nor grass-like)	2FORB	<i>Forb (herbaceous, not grass nor grass-like)</i>	8–25	–

## Animal community

This site provides habitats which support a resident animal community that is characterized by pronghorn antelope, swift fox, black-tailed jackrabbit, spotted ground squirrel, Ord's kangaroo rat, northern grasshopper mouse, coyote, horned lark, meadowlark, lark bunting, scaled quail, morning dove, side-blotched lizard, round-tailed horned lizard, marbled whiptail, prairie rattlesnake and ornate box turtle.

## Hydrological functions

The runoff curve numbers are determined by field investigations using hydraulic cover conditions and hydrologic soil groups.

Hydrologic Interpretations  
Soil Series Hydrologic Group  
Jarag D  
Simona D

## Recreational uses

This site offers recreation for hiking, horseback riding, nature observation and photography, and quail and dove hunting. During years of abundant spring moisture, this site displays a riot of color from wildflowers during May and June. A few summer and fall flowers also occur.

## Wood products

The natural potential plant community of this site affords little or no wood products. Where the site has been invaded by mesquite or cholla cactus the roots and stems of these plants provide attractive material for a variety of curiosities, such as lamps and small furniture.

## Other products

This site is suitable for grazing by all kinds and classes of livestock during all seasons of the year. Because of the sandy textures and shallow profile, this site will respond rapidly to management. As this site deteriorates, plants such as black grama, bush muhly, blue and sideoats grama, plains bristlegrass and Arizona cottontop, will decrease and be replaced by plants such as threeawns, mesquite, creosote bush, and broom snakeweed. This also causes a decrease in ground cover, leaving the soil to blow. This site responds best to a system of management that rotates the season of use.

## Other information

Guide to Suggested Initial Stocking Rate Acres per Animal Unit Month

Similarity Index Ac/AUM

100 - 76 2.5 – 3.5

75 – 51 3.2 – 4.6

50 – 26 4.5 – 7.5

25 – 0 7.6 +

## Inventory data references

Data collection for this site was done in conjunction with the progressive soil surveys within the Southern Desertic Basins, Plains and Mountains, Major Land Resource Areas of New Mexico. This site has been mapped and correlated with soils in the following soil surveys. Eddy County, Lea County, and Chaves County.

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### Contributors

David Trujillo  
Don Sylvester

### Rangeland health reference sheet

Interpreting Indicators of Rangeland Health is a qualitative assessment protocol used to determine ecosystem condition based on benchmark characteristics described in the Reference Sheet. A suite of 17 (or more) indicators are typically considered in an assessment. The ecological site(s) representative of an assessment location must be known prior to applying the protocol and must be verified based on soils and climate. Current plant community cannot be used to identify the ecological site.

Author(s)/participant(s)	
Contact for lead author	
Date	

Approved by	
Approval date	
Composition (Indicators 10 and 12) based on	Annual Production

## Indicators

**1. Number and extent of rills:**

---

**2. Presence of water flow patterns:**

---

**3. Number and height of erosional pedestals or terracettes:**

---

**4. Bare ground from Ecological Site Description or other studies (rock, litter, lichen, moss, plant canopy are not bare ground):**

---

**5. Number of gullies and erosion associated with gullies:**

---

**6. Extent of wind scoured, blowouts and/or depositional areas:**

---

**7. Amount of litter movement (describe size and distance expected to travel):**

---

**8. Soil surface (top few mm) resistance to erosion (stability values are averages - most sites will show a range of values):**

---

**9. Soil surface structure and SOM content (include type of structure and A-horizon color and thickness):**

---

10. **Effect of community phase composition (relative proportion of different functional groups) and spatial distribution on infiltration and runoff:**
- 

11. **Presence and thickness of compaction layer (usually none; describe soil profile features which may be mistaken for compaction on this site):**
- 

12. **Functional/Structural Groups (list in order of descending dominance by above-ground annual-production or live foliar cover using symbols: >>, >, = to indicate much greater than, greater than, and equal to):**

Dominant:

Sub-dominant:

Other:

Additional:

---

13. **Amount of plant mortality and decadence (include which functional groups are expected to show mortality or decadence):**
- 

14. **Average percent litter cover (%) and depth ( in):**
- 

15. **Expected annual annual-production (this is TOTAL above-ground annual-production, not just forage annual-production):**
- 

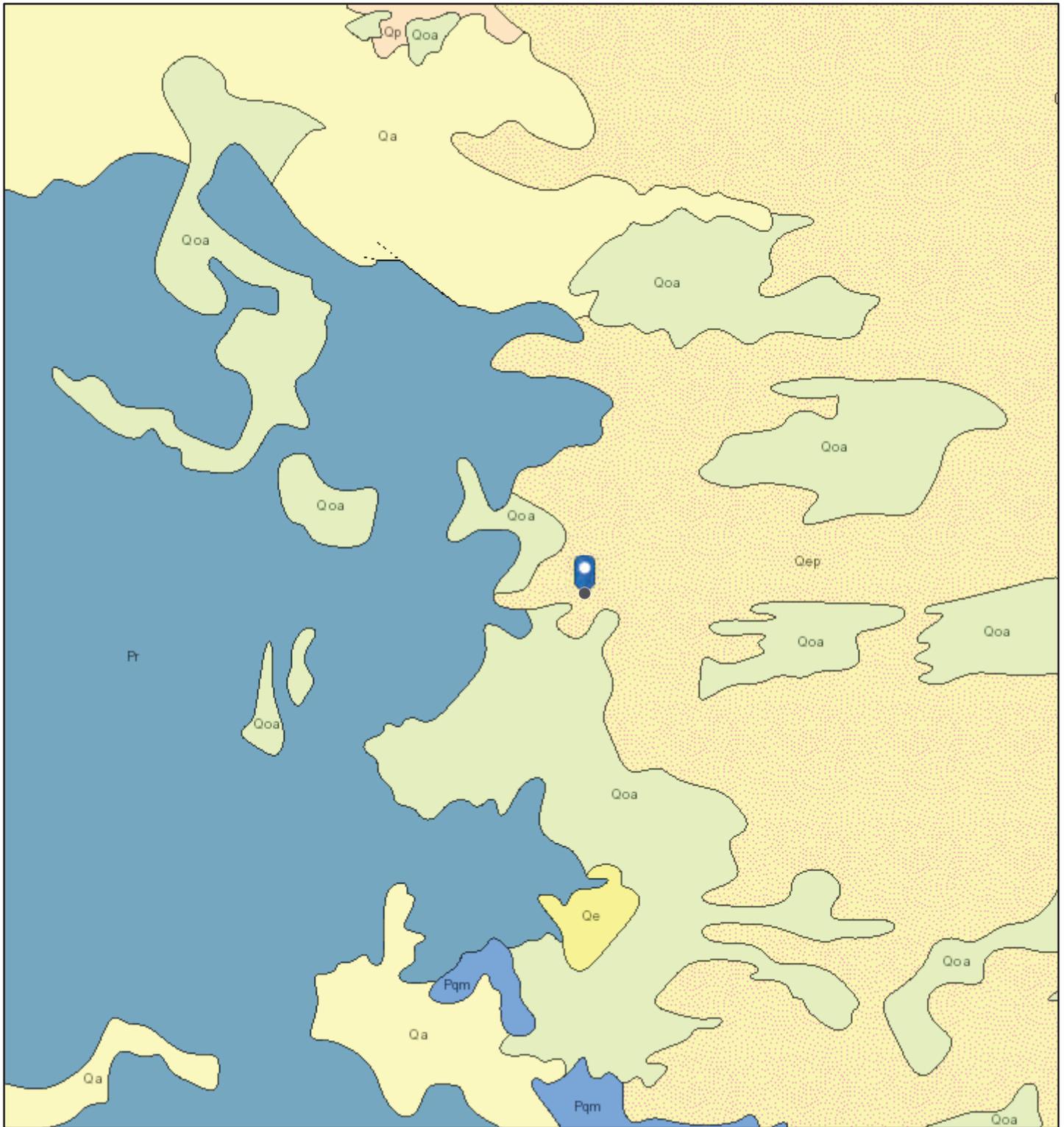
16. **Potential invasive (including noxious) species (native and non-native). List species which BOTH characterize degraded states and have the potential to become a dominant or co-dominant species on the ecological site if their future establishment and growth is not actively controlled by management interventions. Species that become dominant for only one to several years (e.g., short-term response to drought or wildfire) are not invasive plants. Note that unlike other indicators, we are describing what is NOT expected in the reference state for the ecological site:**

---

17. **Perennial plant reproductive capability:**

---

# ArcGIS Web Map

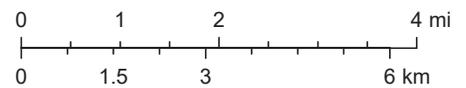


5/25/2025, 1:13:43 PM

1:144,448

### Lithologic Units

- Playa—Alluvium and evaporite deposits (Holocene)
- Water—Perennial standing water
- Qa—Alluvium (Holocene to upper Pleistocene)



Esri, NASA, NGA, USGS, USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road data;

ArcGIS Web AppBuilder

## **APPENDIX B – Survey**



25R-04772

## 2025 Rare Plant Survey Corral Canyon 15 CVB

Lease No.: NMNM105445677

Facility ID: fAPP2403725789

NMOCD: nAPP2519250010

Eddy County, New Mexico

**Prepared for:**

ExxonMobil Upstream Company

**Prepared by:**

Vertex Resource Services, Inc.

**Date:**

September 19, 2025

---

**2025 Rare Plant Survey**  
**Corral Canyon 15 CVB**  
**Lease No.: NMNM105445677**  
**Facility ID: fAPP2403725789**  
**NMOCD: nAPP2519250010**  
**Eddy County, New Mexico**

Prepared for:  
**ExxonMobil Upstream Company**  
3104 E. Greene Street  
Carlsbad, New Mexico 88220

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

*Becca Stallings*

September 19, 2025

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Becca Stallings, MNRS, CPESC, CESSWI  
Manager – Ecology and Assessment

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Date

## Executive Summary

ExxonMobil Upstream Company (ExxonMobil) retained Vertex Resource Services, Inc. (Vertex) to conduct a rare plant survey of the Corral Canyon 15 CVB, Lease No. NMNM105445677, for the purpose of ensuring compliance with the New Mexico Bureau of Land Management (BLM) requirement of adherence to protecting State-listed threatened and endangered plant species (hereafter referred to as “survey”). The site is on an oil and gas facility located approximately 0.6 miles east of the Martinez Road (GPS Location: 32.118578, -103.968486) in Eddy County, New Mexico (hereafter referred to as “site”; Figure 1, Appendix A). The survey was conducted as part of the Environmental Site Remediation Closure Report for the release associated with NMOCD No. nAPP2519250010.

Vertex personnel performed a desktop environmental review available databases and literature relevant to rare plants with potential to be present onsite. The rare plant includes the listed New Mexico State Endangered Scheer’s pincushion cactus (*Coryphantha robustispina ssp. scheeri*). This species is protected by the State of New Mexico under the New Mexico Administrative Code (NMAC), Title 19, Chapter 21, Part 2.8, which states that “[B.] the taxon is a rare plant across its range within the state, and of such limited distribution and population size that unregulated taking could adversely impact it and jeopardize its survival in New Mexico.”

The Vertex ecologist conducted a habitat survey September 6, 2025, to determine the likelihood and extent of impacting this rare plant during remediation and reclamation activities associated with the release at the site, NMOCD No. nAPP2519250010. In accordance with BLM consultation, the surveys encompassed transects of the release delineation and a 200-meter buffer around the delineation footprint (Figure 2, Appendix A).

The surrounding area of the site consists of shrubby and herbaceous vegetation on relatively flat, sandy loam soils. The remaining portions of the site consist of oil and gas facilities, utility lines, and associated equipment. During the survey, vegetation species were documented (Table 1, Appendix B), and the site was assessed by walking the site in 20-meter transects. No special status species were observed during the survey. No concerns were identified onsite that would prohibit the commencement of remediation and reclamation activities.

In the professional opinion of Vertex personnel, the survey site, which includes all non-disturbed areas within 200-meters of the release delineation at Corral Canyon 15 CVB in Eddy County, New Mexico is unlikely to support the listed New Mexico State Endangered Scheer’s pincushion cactus (*Coryphantha robustispina ssp. scheeri*). Vertex recommends that ExxonMobil crews remain within the survey buffer zone during remediation and reclamation activities. If special status species are identified or plans change, the project manager should consult the Vertex environmental team to review updated details to ensure continued compliance with NMAC 19, Chapter 21, Part 2.8.

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- Appendix C. Site Photographs

## 1.0 Introduction

ExxonMobil Upstream Company (ExxonMobil) retained Vertex Resource Services, Inc. (Vertex) to conduct a rare plant survey of the Corral Canyon 15 CVB, Lease No. NMNM105445677, for the purpose of ensuring compliance with the New Mexico Bureau of Land Management (BLM) requirement of adherence to protecting State-listed threatened and endangered plant species (hereafter referred to as “survey”). The site is on an oil and gas facility located approximately 0.6 miles east of the Martinez Road (GPS Location: 32.118578, -103.968486) in Eddy County, New Mexico (hereafter referred to as “site”; Figure 1, Appendix A). The survey was conducted as part of the Environmental Site Remediation Closure Report for the release associated with NMOCD No. nAPP2519250010.

### 1.1 Objective and Scope of Work

Vertex personnel performed a desktop environmental review of available databases and literature relevant to rare plants with potential to be present onsite. The rare plant included the following New Mexico State-listed Endangered species: Scheer’s pincushion cactus (*Coryphantha robustispina ssp. scheeri*). This species is protected by the State of New Mexico under the New Mexico Administrative Code (NMAC), Title 19, Chapter 21, Part 2.8, which states that “[B.] the taxon is a rare plant across its range within the state, and of such limited distribution and population size that unregulated taking could adversely impact it and jeopardize its survival in New Mexico.”

The objective of this assessment was to ensure that the site will comply with the NMAC 19, Chapter 21, Part 2.8. This review and survey for special status plant species is necessary to ensure that this project is unlikely to result in a “take” of threatened or endangered species due to project activities. If potential species are identified within the project site, recommendations will be made to help the project remain in compliance. This survey and the associated report shall document recommendations for compliance with NMAC 19, Chapter 21, Part 2.8 during project activities.

The following scope of work was established for the Special Status Plant Survey:

- Environmental records and database review
- Complete the field portion of the site survey
- Prepare a report and summarize recommendations for project compliance

## 2.0 Background

### 2.1 Site Description

Corral Canyon 15 CVB, Lease No. NMNM105445677, is on an an oil and gas facility located approximately 0.6 miles east of the Martinez Road (GPS Location: 32.118578, -103.968486) in Eddy County, New Mexico (hereafter referred to as “site”; Figure 1, Appendix A). The surrounding area of the site consists of shrubby and herbaceous vegetation on relatively flat, sandy loam soils. The remaining portions of the site consist of oil and gas facilities, utility lines, and associated equipment. The survey was conducted as part of the Environmental Site Remediation Closure Report for the release associated with NMOCD No. nAPP2519250010.

### 2.2 Soils

A desktop survey of the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey (WSS) Database for the site location was conducted on September 9, 2025. The soil data for the site indicates that the primary soil characteristics for the proposed site are the Simona sandy loam, 0 to 3 percent

slopes. (Figure 3, Appendix A). This soil association is described as shallow and very shallow, well drained soils that formed in calcareous sandy sediments over fractured, indurated caliche. Simona sandy loam forms alluvial fans and plains creating linear across-slope and convex down-slope ridges.

### 2.3 Vegetative Communities

No previous site vegetation mapping data was identified during this desktop review. The site is located within the Chihuahuan Basin and Playas ecoregion, which is typically characterized by alluvial fans, basins and river valleys below 4,500 feet. These playas and basins contain high levels of saline or alkaline soils and include salt flats, dunes, and windblown sand. This ecoregion is hot and arid, supporting desert shrub and grass vegetative communities. Dominant species include creosote bush, tarbush, four-wing saltbush, acacias, gyp grama, and alkali sacaton (Griffith et al., 2006).

### 2.4 Hydrologic Features

The site is located within the Outlet Pecos River watershed. The National Wetlands Inventory (Figure 4, Appendix A) indicates the potential for a freshwater pond feature onsite. No evidence of surface water was observed onsite during the survey.

### 2.5 Potential Species

Upon the request of the New Mexico BLM, this survey is focused on the rare plants with potential for onsite presence. The rare plant included the following New Mexico State-listed Endangered species: Scheer's pincushion cactus (*Coryphantha robustispina ssp. scheeri*).

## 3.0 Methods

Vertex prepared this special status plant survey report for ExxonMobil as part of the Environmental Site Remediation Closure Report for the release associated with NMOCD No. nAPP2519250010. The purpose of this survey is to determine onsite biological conditions and State-listed endangered species compliance recommendations based on the likelihood of impacts to special status plant species and their associated habitat. The project included an environmental database review, a transect survey, and preparation of this report.

### 3.1 Updated Environmental Records and Database Review

Vertex conducted an environmental records and database review that consisted of utilizing federal and State resources to determine the potential impacts of project activities on State-listed plant species. Relevant data summaries from this review, methods and recommendations are included in this report. Several agency databases were reviewed, including:

- Soil data - Natural Resources Conservation Service, USDA
- State-listed species – New Mexico Rare Plants, The New Mexico Rare Plant Technical Council
- Wetlands and jurisdictional waters - National Wetlands Inventory, USFWS
- Ecoregions – United States Environmental Protection Agency

### 3.2 Field Work: Special Status Plant Survey

Vertex was responsible for performing a special status plant survey of the site to ensure compliance with the New Mexico Administrative Code (NMAC), Title 19, Chapter 21, Part 2.8. Prior to conducting the survey, the ecology team

observed Scheer's pincushion cactus at reference population sites on Bureau of Land Management (BLM) land to calibrate for current season plant growth phases (Appendix C).

The Vertex ecologist conducted a site visit on September 6, 2025, and took field notes to document site conditions, the presence or absence of special status species, and relevant field observations. The survey was conducted within a 200-meter buffer surrounding the release delineation (Figure 2, Appendix A). The release delineation boundaries were previously excavated, but the edges and surrounding buffer were documented. Areas with clear disturbance were not surveyed via transects, including roads, oil and gas pads, and associate infrastructure; however, these areas were documented as lacking observations of rare plant species. The transect survey was completed with 20-meter transects running in a North-South direction, which covered all portions of the site not heavily disturbed by oil and gas infrastructure. If a species was identified, survey transects would drop to every 10 meters; however, no species were observed, and 20-meter transects were performed throughout the duration of the survey.

### 3.3 Agency Guidance

Vertex discussed the potential for onsite special status species with the Carlsbad, New Mexico BLM botanist prior to conducting this survey. Per their request, the survey focused on the following New Mexico State-listed Endangered species: Scheer's pincushion cactus (*Coryphantha robustispina ssp. scheeri*).

This rare plant has the potential to occur within the project area. If this species is observed onsite, and upon request of ExxonMobil, the Vertex ecologist will work with the New Mexico State BLM to develop a remediation work plan tailored to the activities proposed by the Environmental Site Remediation Closure Report for the release associated with NMOCD No. nAPP2519250010.

## 4.0 Results and Discussion

The survey for the site included consideration of site conditions, habitats, and observed species (Table 1, Appendix B). The Vertex ecologist performed a special status plant survey on September 6, 2025, to determine site conditions and the presence or absence of rare plants. Each target rare plant species and their potential for being impacted by project activities are discussed below. Following the data review, field survey, and agency consultation, no rare plants were observed, and it is unlikely that there are rare plant species onsite. Project activities are unlikely to impact any special status plant species based on current site conditions.

### 4.1 Site Conditions

The assessment was conducted on the following dates:

- September 6, 2025 – 75°F- 78°F, overcast, light precipitation at midday, with wind speed ranging between 5-8 mph East-Southeast.

The site consists of creosote bush and honey mesquite dominant habitat with sandy loam soils. Oil and gas facilities, access roads, disturbed pads, and the excavated release delineation were within the survey boundaries.

### 4.2 Habitats Present

The site consists of creosote bush and honey mesquite dominant vegetative habitat, disturbed soils, and oil and gas facilities.

### 4.3 Species Present

During the assessment, floral species observed onsite were documented in the field survey notes (Table 1, Appendix B). No State-listed species were observed.

### 4.4 State-Listed Species: Potential to Impact

Vertex discussed the potential for onsite special status plant species with the New Mexico BLM botanist prior to conducting this survey. Per their request, the survey focused on the following New Mexico State-listed Endangered species: Scheer's pincushion cactus (*Coryphantha robustispina ssp. scheeri*).

No special status plant species were observed onsite during the survey. After reviewing the available literature, communication with the BLM, observations of reference populations, and site conditions at the time of the survey, it was determined that it is unlikely that the site would support any special status plants.

#### 4.4.1 Scheer's pincushion cactus (*Coryphantha robustispina ssp. scheeri*): Endangered

The Scheer's pincushion cactus (*Coryphantha robustispina ssp. scheeri*) is a succulent with hemispheric, tubercled stems that are up to 15 cm in diameter and are usually observed as single plants, though they can be found in clusters. The tubercles are up to 7 mm long, are conical and are somewhat dorsiventrally flattened, with a felted groove running the length of the upper side. The spines are straight, with 6-12 radials up to 2.5 cm long and a central spine up to 4 cm long. The yellow flowers are 5 cm wide, are rarely streaked or blushed with a reddish center, and the stamens are yellow to orange. Flowers are in bloom from May to July but may be present through November (New Mexico Rare Plants, 1999).

The Scheer's pincushion cactus habitat range includes Eddy County, New Mexico and overlaps with the project site. While surveying onsite, no Scheer's pincushion cactus plants were observed.

## 5.0 Conclusions

ExxonMobil Upstream Company (ExxonMobil) retained Vertex Resource Services, Inc. (Vertex) to conduct a rare plant survey of the Corral Canyon 15 CVB, Lease No. NMNM105445677, for the purpose of ensuring compliance with the New Mexico Bureau of Land Management (BLM) requirement of adherence to protecting State-listed threatened and endangered plant species (hereafter referred to as "survey"). The site is on an oil and gas facility located approximately 0.6 miles east of the Martinez Road (GPS Location: 32.118578, -103.968486) in Eddy County, New Mexico (Figure 1, Appendix A). The survey was conducted as part of the Environmental Site Remediation Closure Report for the release associated with NMOCD No. nAPP2519250010.

In the professional opinion of Vertex personnel, the survey site, which includes all non-disturbed areas within 200-meters of the release delineation at Corral Canyon 15 CVB in Eddy County, New Mexico is unlikely to support the listed New Mexico State Endangered Scheer's pincushion cactus (*Coryphantha robustispina ssp. scheeri*). Vertex recommends that ExxonMobil crews remain within the survey buffer zone during remediation and reclamation activities. If special status species are identified or plans change, the project manager should consult the Vertex environmental team to review updated details to ensure continued compliance with NMAC 19, Chapter 21, Part 2.8.

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## 6.0 References

Google Earth Pro. c2025. [accessed 2025 September 5 to 2025 September 9].

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. [accessed 2025 September 9]. <https://websoilsurvey.sc.eg ov.usda.gov/App/WebSoilSurvey.aspx>

Griffith, G.E., Omernik, J.M., McGraw, M.M., Jacobi, G.Z., Canavan, C.M., Schrader, T.S., Mercer, D., Hill, R., and Moran, B.C., 2006, Ecoregions of New Mexico (color poster with map, descriptive text, summary tables, and photographs): Reston, Virginia, U.S. Geological Survey (map scale 1:1,400,000).

*New Mexico Rare Plant Technical Council. 1999. New Mexico Rare Plants. Albuquerque, NM: New Mexico Rare Plants Home Page. <https://nmrareplants.unm.edu> (Latest update: 18 Aug 2025).*

U.S Fish and Wildlife Service. National Wetland Inventory [accessed 2025 September 8].  
<https://fwsprimary.wim.usgs.gov>

Emily Yannayon, August 21, 2025, *Carlsbad Field Office Rare Plant Field Guide* [PowerPoint Slides], Bureau of Land Management, Carlsbad, New Mexico

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## 7.0 Limitations

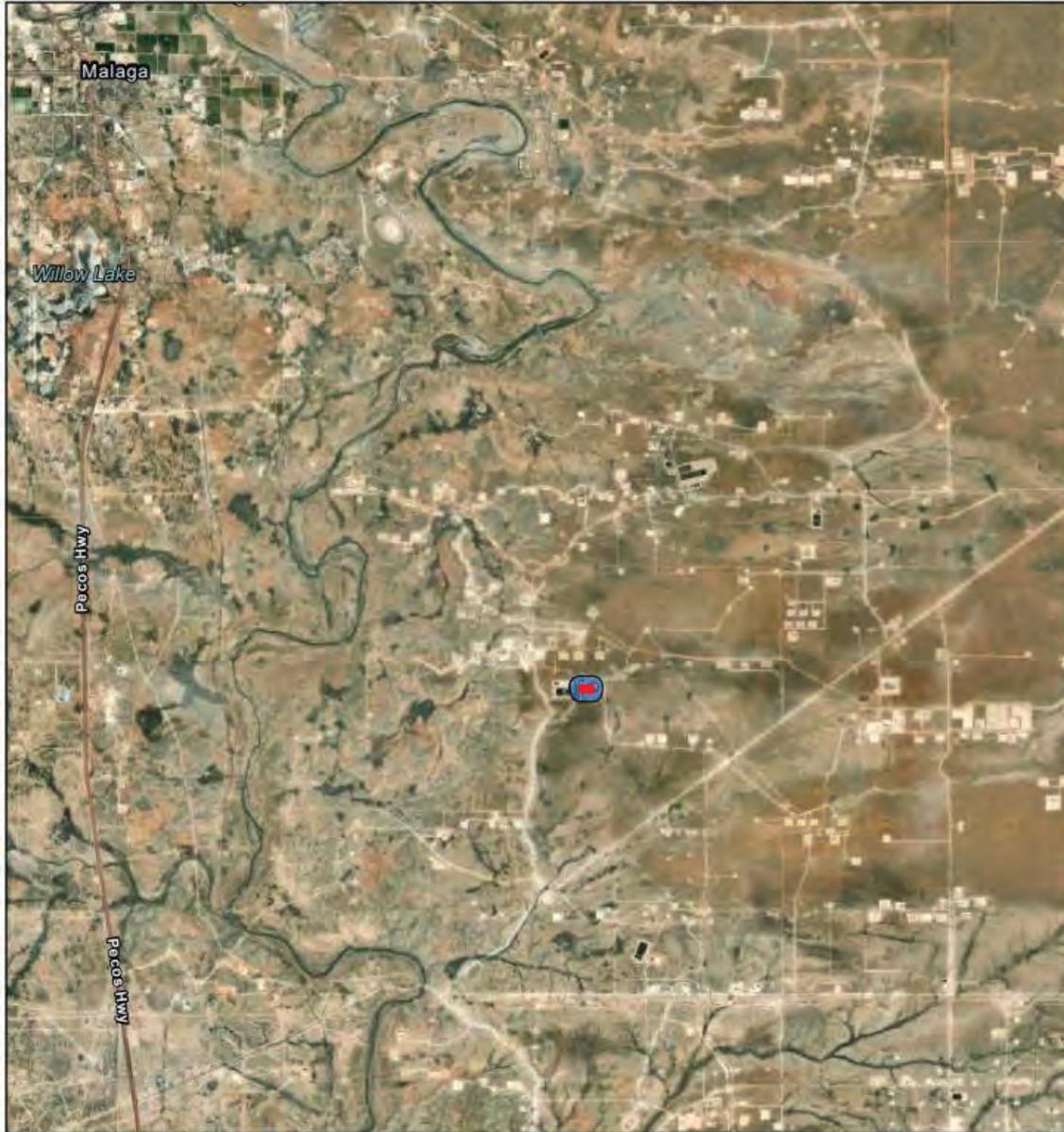
This report has been prepared for the sole benefit of ExxonMobil Upstream Company (ExxonMobil). This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation District and the Bureau of Land Management, without the express written consent of Vertex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

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

## Appendix A - Project Maps and Figures

Figure 1. Site Location Map

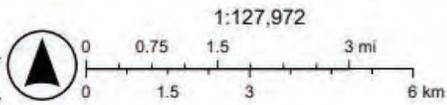
### Corral Canyon 15 CVB (Eddy Co., NM)



9/19/2025

- Buff
- Unsurveyed
- World Imagery
- Low Resolution 15m Imagery

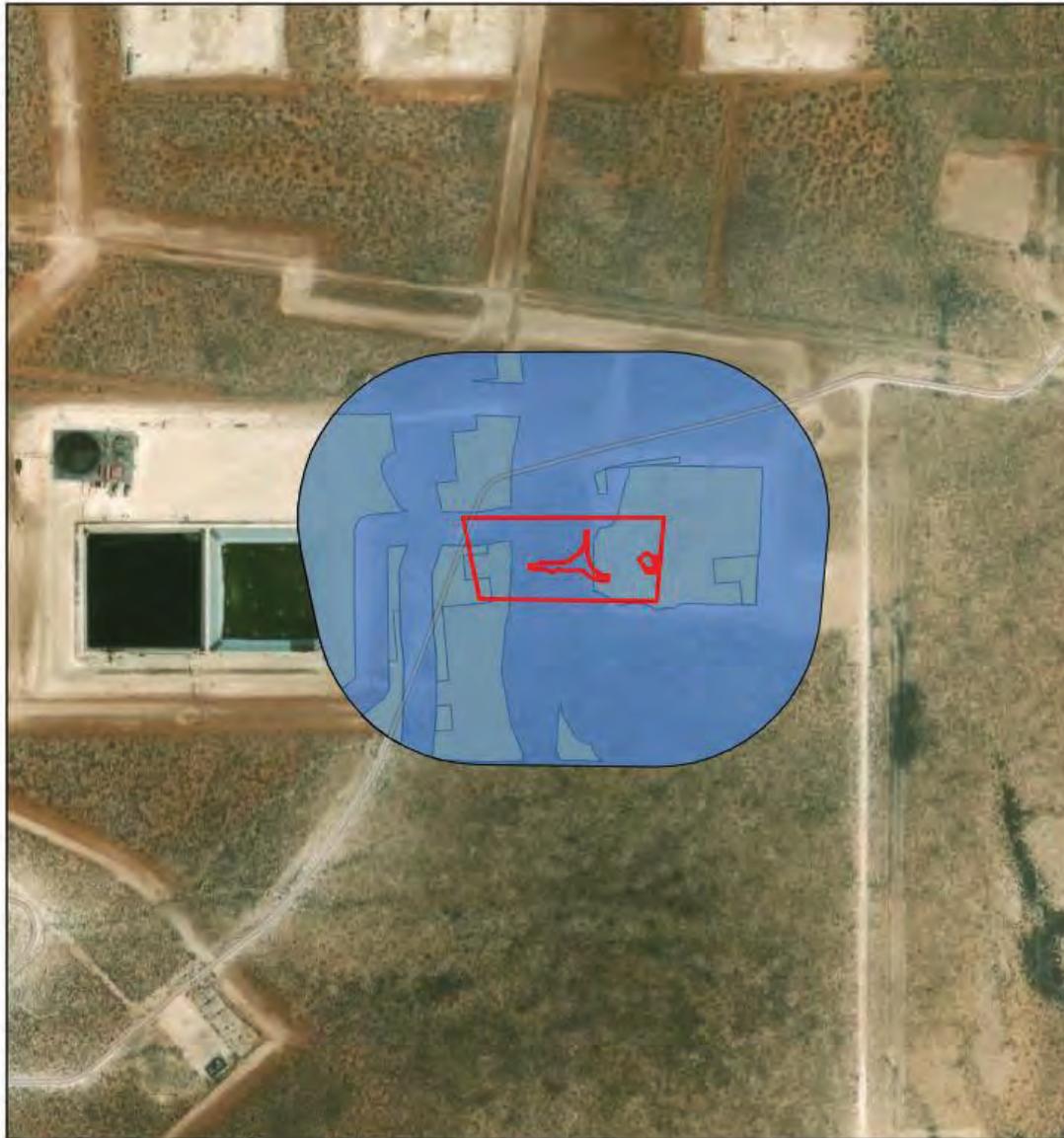
- High Resolution 60cm Imagery
- High Resolution 30cm Imagery
- Citations
- 38m Resolution Metadata



Earthstar Geographics. Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Figure 2. Survey Boundary Map

Corral Canyon 15 CVB (Eddy Co., NM)



9/19/2025

Buff

Unsurveyed

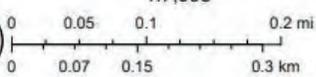
World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations



1:7,998

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Maxar

\*Blue polygon indicates survey area per BLM Survey Prescription

Figure 3. Soils Map



Soil Map—Eddy Area, New Mexico

### MAP LEGEND

- Area of Interest (AOI)**
- Area of Interest (AOI)
- Soils**
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points
- Special Point Features**
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide of Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features
- Water Features**
- Streams and Canals
- Transportation**
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads
- Background**
- Aerial Photography

### MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Eddy Area, New Mexico  
Survey Area Data: Version 20, Sep 3, 2024

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

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

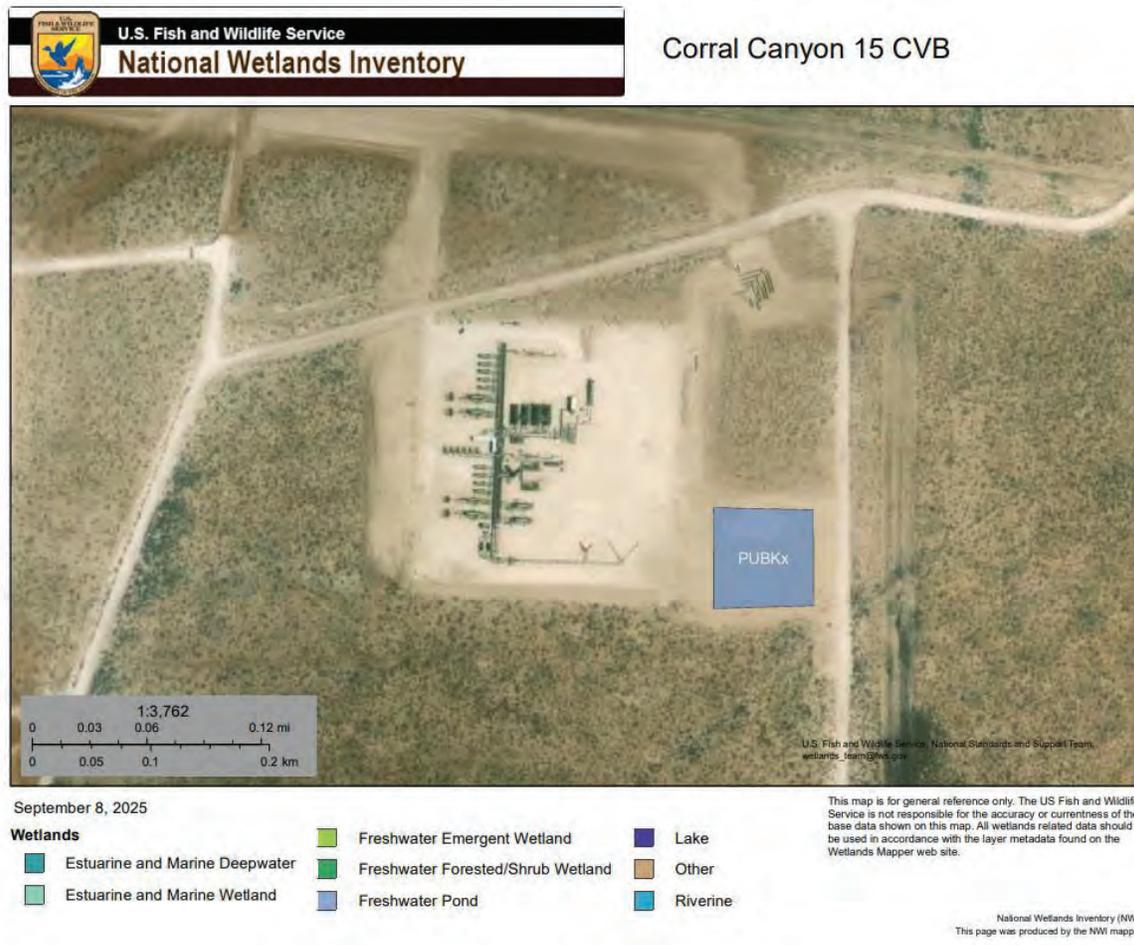
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Soil Map—Eddy Area, New Mexico

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SA	Simona sandy loam, 0 to 3 percent slopes	75.2	99.8%
TC	Tonuco loamy sand, 0 to 3 percent slopes, eroded	0.1	0.2%
<b>Totals for Area of Interest</b>		<b>75.3</b>	<b>100.0%</b>

Figure 4. National Wetlands Inventory Map



## Appendix B - Species List

Table 1. Survey Plant Species List

Common Name	Scientific Name
Angel trumpets	<i>Acleisanthes longiflora</i>
Beaked sida	<i>Rhynchosida physocalyx</i>
Bicolor fanmustard	<i>Nerisyrenia camporum</i>
Blackfoot daisy	<i>Melampodium leucanthum</i>
Black-spined pricklypear	<i>Opuntia macrocentra</i>
Broom snakeweed	<i>Gutierrezia sarothrae</i>
Copper zephyr-lily	<i>Zephyranthes longifolia</i>
Cowpen daisy	<i>Verbesina encelioides</i>
Creosote bush	<i>Larrea tridentata</i>
Desert portulaca	<i>Portulaca halimoides</i>
Desert shaggymane (Fungi)	<i>Podaxis pistillaris</i>
Fendler's bladderpod	<i>Physaria fendleri</i>
Fluffgrass	<i>Dasyochloa pulchella</i>
Gray's feverfew	<i>Parthenium confertum</i>
Honey mesquite	<i>Neltuma glandulosa</i>
Horse crippler cactus	<i>Homalocephala texensis</i>
Lehmann's lovegrass	<i>Eragrostis lehmanniana</i>
Mesa dropseed	<i>Sporobolus flexuosus</i>
Mint species	Lamiaceae sp.
Nineawn pappusgrass	<i>Enneapogon desvauxii</i>
Parralena	<i>Thymophylla pentachaeta</i>
Plains bristlegrass	<i>Setaria leucopila</i>
Prickly Russian thistle	<i>Salsola tragus</i>
Prostrate spurge	<i>Euphorbia maculata</i>

Common Name	Scientific Name
Purple groundcherry	<i>Quincula lobata</i>
Scarlet globemallow	<i>Sphaeralcea coccinea</i>
Shaggy portulaca	<i>Portulaca pilosa</i>
Sixweeks grama	<i>Bouteloua barbata</i>
Snakecotton species	<i>Froelichia sp.</i>
Spreading sida	<i>Sida abutilifolia</i>
Trailing windmills	<i>Allionia incarnata</i>
Two-leaved senna	<i>Senna bauhinioides</i>
Viscid acacia	<i>Vachellia vernicosa</i>
Winged pigweed	<i>Dysphania atriplicifolia</i>
Woolly paperflower	<i>Psilostrophe tagetina</i>
Woolly tidestromia	<i>Tidestromia lanuginosa</i>

Species observed onsite at Corral Canyon 15 CVB during Special Status Plant Surveys on September 6, 2025

## Appendix C – Site Photographs



Figure 1. Corral Canyon 15 CVB facility and release delineation excavation



Figure 2. Corral Canyon 15 CVB and release excavation



Figure 3. Representative onsite vegetation outside of pad disturbance



Figure 4. Vegetation near facility infrastructure



Figure 5. Release delineation excavation and surrounding vegetation



Figure 6. Onsite vegetation



Figure 7. Scheer's pincushion cactus reference population, BLM land, July 2025



Figure 8. Scheer's pincushion cactus reference population, BLM land, July 2025



# Daily Site Visit Report



Site Sketch

Site Sketch

# Daily Site Visit Report



## Field Notes

**11:02** New release was mapped out

**11:11** Spill calc was completed

## Next Steps & Recommendations

**1** 811 call

**2** Delineate



# Daily Site Visit Report

## Site Photos

Viewing Direction: East



Descriptive Photo - 1  
Viewing Direction: East  
Desc: Release on pad  
Created: 7/11/2025 11:04:08 AM  
Lat:32.117898, Long:-103.989009

Release on pad

Viewing Direction: North



Descriptive Photo - 2  
Viewing Direction: North  
Desc: Release on pad  
Created: 7/11/2025 11:04:46 AM  
Lat:32.117893, Long:-103.989009

Release on pad

Viewing Direction: Northeast



Descriptive Photo - 3  
Viewing Direction: East  
Desc: Release on pad  
Created: 7/11/2025 11:05:00 AM  
Lat:32.117898, Long:-103.989009

Release on pad

Viewing Direction: West

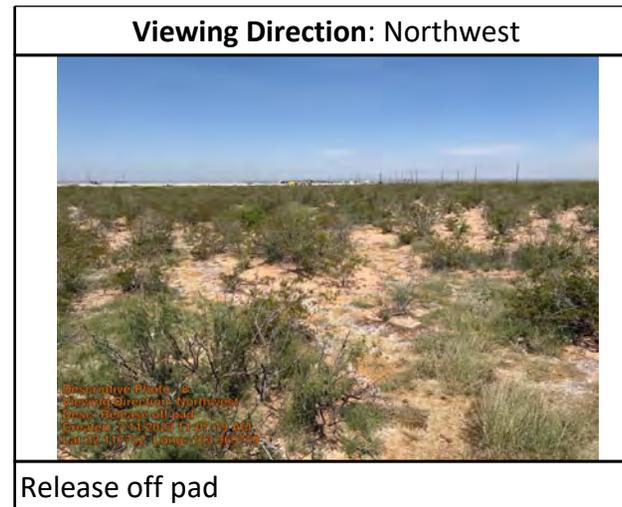
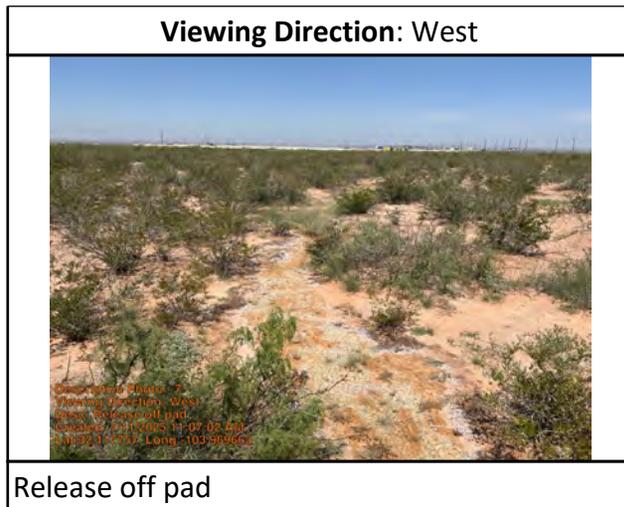
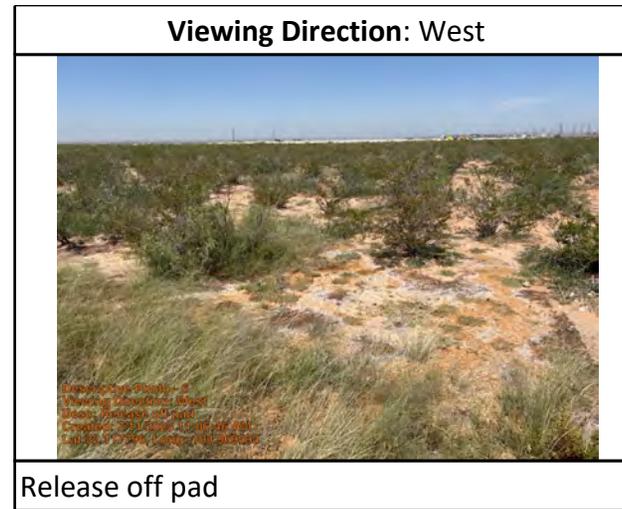


Descriptive Photo - 4  
Viewing Direction: West  
Desc: Release on pad  
Created: 7/11/2025 11:05:40 AM  
Lat:32.117723, Long:-103.989181

Release on pad

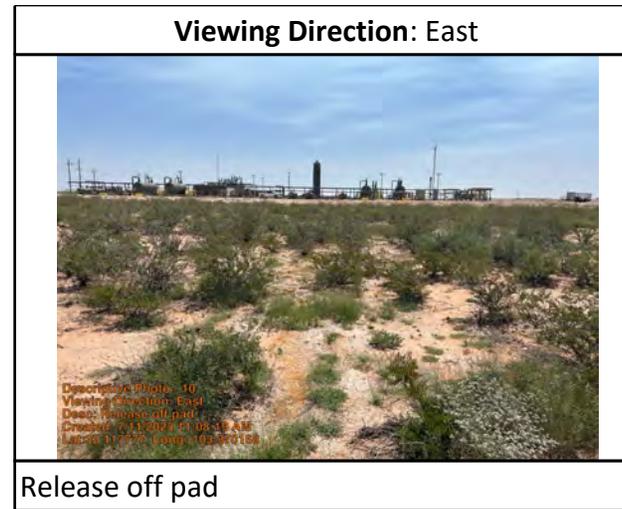
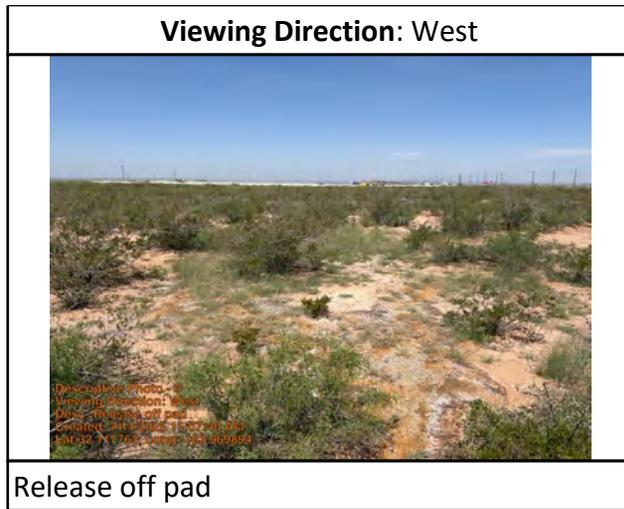


# Daily Site Visit Report





# Daily Site Visit Report



# Daily Site Visit Report



Daily Site Visit Signature

**Inspector:** Riley Arnold

**Signature:**

  
Signature

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 7/14/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 7/14/2025 10:00 AM  
Departed Site 7/14/2025 3:30 PM

## Daily Site Visit Report



### Field Notes

- 10:28 Travel to site/ safety paperwork
- 10:29 Map updates were made, proposed sample points were added
- 10:29 811 pin flags were placed
- 10:29 811 call was completed
- 11:09 Ticket number: 25JU140504
- 12:13 BH25-01 through BH25-08 were collected at 0' to determine spill edge
- 13:16 All samples were field screened
- 14:05 Samples were jarred and labeled/ coc's were created

### Next Steps & Recommendations

- 1 Continue horizontal delineation
- 2 Vertical delineation after 811 clears
- 3 Create work plan

# Daily Site Visit Report



## Site Photos



Southeast 811 corner



Southwest 811 corner



North East 811 corner



Northwest 811 corner

### Daily Site Visit Report



BH25-01 @ 0'



BH25-02 @ 0'



BH25-03 @ 0'



BH25-04 @ 0'

### Daily Site Visit Report



BH25-06 @ 0'



BH25-05 @ 0'



BH25-07 @ 0'



BH25-08 @ 0'

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'RA', written over a thin horizontal line. Below the line, the word 'Signature' is printed in a small font.

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 7/15/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 7/15/2025 9:30 AM  
Departed Site 7/15/2025 3:30 PM

## Daily Site Visit Report



### Field Notes

- 9:24 Travel to site/ safety paperwork
- 9:25 BH25-09 through BH25-14 were collected at 0' to determine spill edges
- 9:25 All samples were field screened
- 12:51 Samples were jarred/ labeled/ coc's were created
- 12:51 Map updates were made

### Next Steps & Recommendations

- 1 Vertical delineation when 811 clears
- 2 Create work plan

# Daily Site Visit Report



## Site Photos

Viewing Direction: North



BH25-09 @ 0'

Viewing Direction: East



BH24-10 @ 0'

Viewing Direction: North



BH24-11 @ 0'

Viewing Direction: North



BH24-12 @ 0'

### Daily Site Visit Report



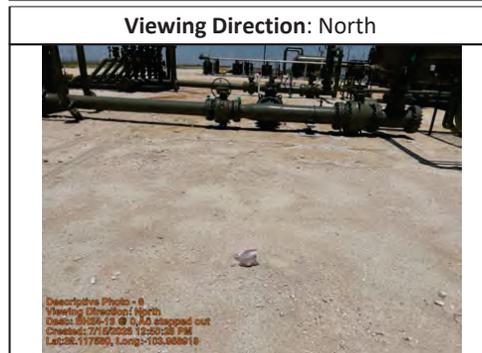
BH24-13 @ 0'



BH24-14 @ 0'



BH24-15 @ 0'



BH24-13 @ 0' stepped out 6'

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'R. Arnold', written over a horizontal line. The word 'Signature' is printed in small text below the line.

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 7/17/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 7/17/2025 10:00 AM  
Departed Site 7/17/2025 1:30 PM

## Daily Site Visit Report



### Field Notes

- 9:45 Travel to site/ safety paperwork
- 12:50 BH25-16 through BH25-19 were collected at 0-3' in 1' increments or intel refusal was met
- 9:46 Samples were field screened
- 9:46 Samples were jarred/ labeled/ and coc's were created
- 12:50 Map updates were made

### Next Steps & Recommendations

- 1 Create work plan
- 2 Excavation

# Daily Site Visit Report



## Site Photos

Viewing Direction: East



BH25-16 @ 0'  
BH25-16 @ 1'  
BH25-16 @ 2'  
BH25-16 @ 3'

Viewing Direction: East



BH25-17 @ 0'  
BH25-17 @ 1'R

### Daily Site Visit Report



Viewing Direction: North	Viewing Direction: South
	
BH25-18 @ 0' BH25-18 @ 1' BH25-18 @ 1.5'R	BH25-19 @ 0' BH25-19 @ 1' BH25-19 @ 1.5'R

## Daily Site Visit Report



Daily Site Visit Signature

**Inspector:** Riley Arnold

**Signature:**

A handwritten signature in black ink, appearing to be 'R. Arnold', written over a horizontal line. The word 'Signature' is printed in small text below the line.

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 8/6/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 8/6/2025 9:00 AM  
Departed Site 8/6/2025 2:30 PM

## Daily Site Visit Report



### Field Notes

- 9:59 Travel to site/ safety paperwork
- 10:24 Hydrovac began windowing lines
- 10:32 Excavation area in pasture was flagged and excavation began @2'
- 10:55 Contaminated material was stacked on plastic liner
- 10:55 Hydrovac washout station was built

### Next Steps & Recommendations

1

# Daily Site Visit Report



## Site Photos

Viewing Direction: South



Description Photo - 1  
Viewing Direction: South  
Event: Hydrovac window  
Created: 2025/08/07 10:04:58 AM  
Lat: 32.917789, Long: -103.048333

Hydrovac window

Viewing Direction: Northwest



Description Photo - 2  
Viewing Direction: Northwest  
Event: Excavation in pasture  
Created: 2025/08/07 10:04:58 AM  
Lat: 32.917789, Long: -103.048333

Excavation began in pasture

Viewing Direction: East



Description Photo - 3  
Viewing Direction: East  
Event: Hydrovac  
Created: 2025/08/07 1:05:18 PM  
Lat: 32.917789, Long: -103.048333

Hydrovac

Viewing Direction: Southwest



Description Photo - 4  
Viewing Direction: Southwest  
Event: Washout built  
Created: 2025/08/07 1:04:28 PM  
Lat: 32.917789, Long: -103.048333

Washout being built

## Daily Site Visit Report



## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'RA', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 8/7/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 8/7/2025 8:30 AM  
Departed Site 8/7/2025 11:00 AM

## Daily Site Visit Report



### Field Notes

- 8:27 Travel to site/ safety paperwork
- 8:27 Hydrovacing continued
- 8:28 Waited for line rep to arrive to begin Hydrovacing above lines

### Next Steps & Recommendations

1

# Daily Site Visit Report



## Site Photos

<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 1 Viewing Direction: North Event: Hydrovac began opening windows for lines Created: 8/7/2025 9:18:27 AM Lat:32.117656, Long:-103.882840</small></p>	<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo - 2 Viewing Direction: East Event: On pad excavation area marked out Created: 8/7/2025 9:18:36 AM Lat:32.117656, Long:-103.882840</small></p>
<p>Hydrovac began opening windows for lines</p>	<p>On pad excavation area marked out</p>
<p style="text-align: center;"><b>Viewing Direction: Southwest</b></p>  <p><small>Descriptive Photo - 3 Viewing Direction: Southwest Event: Plastic line placed for contaminated material Created: 8/7/2025 9:45:11 AM Lat:32.117656, Long:-103.882840</small></p>	<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo - 4 Viewing Direction: East Event: Off pad excavation continued Created: 8/7/2025 9:45:11 AM Lat:32.117656, Long:-103.882840</small></p>
<p>Plastic line placed for contaminated material</p>	<p>Off pad excavation continued</p>

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

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

Signature

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 8/12/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 8/12/2025 9:30 AM  
Departed Site 8/12/2025 4:00 PM

## Daily Site Visit Report



### Field Notes

- 10:24 Hydrovac continued opening windows
- 14:36 Lines were chased/ everything less than 4' deep was opened excluding portions of road for access
- 14:37 Excavation between equipment was completed to 2' in depth
- 14:37 Contaminated material was hauled off

### Next Steps & Recommendations

- 1 Continue excavation
- 2 Continue Hydrovacing
- 3 Confirmation sampling
- 4 Reporting/ backfill



# Daily Site Visit Report

## Site Photos

Viewing Direction: South



Descriptive Photo - 1  
Viewing Direction: South  
Date: 8/13/2025 10:48:28 AM  
Created: 8/13/2025 10:48:28 AM  
Latitude: 31.7779, Longitude: -103.670198

Hydrovac continued opening windows

Viewing Direction: Southeast



Descriptive Photo - 2  
Viewing Direction: Southeast  
Date: 8/13/2025 12:45:18 PM  
Created: 8/13/2025 12:45:18 PM  
Latitude: 31.7779, Longitude: -103.670198

Contaminated material was hauled off

Viewing Direction: East



Descriptive Photo - 3  
Viewing Direction: East  
Date: 8/13/2025 10:48:28 AM  
Created: 8/13/2025 10:48:28 AM  
Latitude: 31.7779, Longitude: -103.670198

Hydrovac window placed between equipment

Viewing Direction: West



Descriptive Photo - 4  
Viewing Direction: Southwest  
Date: 8/13/2025 12:45:18 PM  
Created: 8/13/2025 12:45:18 PM  
Latitude: 31.7779, Longitude: -103.670198

BS25-01 @ 2'



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: Northeast</b></p>  <p><small>Descriptive Photo - 8 Viewing Direction: Northeast Date: 8/25/25 @ 2: Created: 8/12/2025 12:46:43 PM Lat:32.17776, Long:-103.979181</small></p>	<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 8 Viewing Direction: South Date: 8/25/25 @ 2: Created: 8/12/2025 12:47:02 PM Lat:32.17776, Long:-103.979181</small></p>
<p>BS25-04 @ 2'</p>	<p>BS25-07 @ 2'</p>
<p style="text-align: center;"><b>Viewing Direction: Northeast</b></p>  <p><small>Descriptive Photo - 8 Viewing Direction: Northeast Date: 8/25/25 @ 2: Created: 8/12/2025 12:46:44 PM Lat:32.17776, Long:-103.979181</small></p>	<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo - 8 Viewing Direction: East Date: 8/25/25 @ 2: Created: 8/12/2025 12:47:02 PM Lat:32.17776, Long:-103.979181</small></p>
<p>BS25-10 @ 2'</p>	<p>BS25-14 @ 2'</p>

## Daily Site Visit Report



Viewing Direction: East



Excavation began between equipment

## Daily Site Visit Report



Daily Site Visit Signature

**Inspector:** Riley Arnold

**Signature:**

A handwritten signature in black ink, appearing to be 'RA', written over a horizontal line. The word 'Signature' is printed in small text below the line.

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 8/13/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 8/13/2025 8:45 AM  
Departed Site 8/13/2025 3:30 PM

## Daily Site Visit Report



### Field Notes

- 9:56 Hydrovac continued exposing lines less than 4' from surface
- 9:56 Hydrovac continued window
- 9:56 A small portion was added to pasture excavation to ensure proper square footage for confirmation sampling
- 9:57 Contaminated material was hauled off
- 10:09 Several base and wall samples were collected and field screened to ensure site criteria would be met in upcoming confirmation event
- 14:48 May was updated

### Next Steps & Recommendations

- 1 Continue Hydrovac
- 2 Continue excavation
- 3 Confirmation sampling
- 4 Reporting/ backfill

# Daily Site Visit Report



## Site Photos

Viewing Direction: Southeast



Contaminated material hauled off

Viewing Direction: West



Hydrovac exposing lines less than 4' from surface

Viewing Direction: West



Small extension added to pasture excavation

Viewing Direction: West



WS25-01 @ 0-2'

# Daily Site Visit Report



<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 5 Viewing Direction: North Date: WS25-05 @ 0-2' Created: 8/13/2025 10:30:29 AM Lat:32.117765, Long:-103.870083</small></p>	<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 6 Viewing Direction: South Date: WS25-02 @ 0-2' Created: 8/13/2025 10:31:17 AM Lat:32.117765, Long:-103.869852</small></p>
<p>WS25-05 @ 0-2'</p>	<p>WS25-02 @ 0-2'</p>
<p style="text-align: center;"><b>Viewing Direction: Southeast</b></p>  <p><small>Descriptive Photo - 7 Viewing Direction: Southeast Date: WS25-03 @ 0-2' Created: 8/13/2025 10:31:47 AM Lat:32.117765, Long:-103.869750</small></p>	<p style="text-align: center;"><b>Viewing Direction: Northwest</b></p>  <p><small>Descriptive Photo - 8 Viewing Direction: Northwest Date: WS25-04 @ 0-2' Created: 8/13/2025 10:32:12 AM Lat:32.117764, Long:-103.869750</small></p>
<p>WS25-03 @ 0-2'</p>	<p>WS25-04 @ 0-2'</p>



### Daily Site Visit Report

**Viewing Direction: Northeast**

Descriptive Photo - 9  
Viewing Direction: Northeast  
Date: 8/25/25 12:07:21  
Created: 8/25/2025 10:30:42 AM  
Lat:32.117726, Long:-103.048743

BS25-16 @ 2'

**Viewing Direction: Southwest**

Descriptive Photo - 10  
Viewing Direction: Southwest  
Date: 8/25/25 12:07:21  
Created: 8/25/2025 10:30:42 AM  
Lat:32.117726, Long:-103.048743

Extension to wall was added on pasture excavation around WS25-03

**Viewing Direction: Southeast**

Descriptive Photo - 11  
Viewing Direction: Southeast  
Date: Extension to wall was added on pasture excavation around WS25-03  
Created: 8/25/2025 1:55:09 PM  
Lat:32.117726, Long:-103.048743

Extension to wall was added on pasture excavation around WS25-03

**Viewing Direction: South**

Descriptive Photo - 12  
Viewing Direction: South  
Date: WS25-03 resampled  
Created: 8/25/2025 1:55:47 PM  
Lat:32.117726, Long:-103.048743

WS25-03 resampled



### Daily Site Visit Report



Lines less than 4' exposed by Hydrovac



Lines less than 4' exposed by Hydrovac



Hydrovac windows near completion



Hydrovac windows near completion

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'RA', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 8/14/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 8/14/2025 8:30 AM  
Departed Site 8/14/2025 3:00 PM

## Daily Site Visit Report



### Field Notes

- 10:17 Hydrovacing continued
- 10:18 Excavation continued
- 10:18 Contaminated material was hauled off
- 10:18 Confirmation samples BS25-01 through BS25-17 were collected
- 13:01 Confirmation samples WS25-01 through WS25 -05 were collected
- 13:02 Samples were field screened, jarred, labeled, and coc's were made

### Next Steps & Recommendations

- 1 Continue Hydrovacing
- 2 Continue excavation
- 3 Confirmation sampling
- 4 Reporting/ backfill

# Daily Site Visit Report



## Site Photos

<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo: 1 Viewing Direction: West Date: 8/14/2025 @ 2:11 5 point composite sample Created: 8/14/2025 10:30:55 AM Lat: 32.117776, Long: -103.470147</small></p>	<p style="text-align: center;"><b>Viewing Direction: Northwest</b></p>  <p><small>Descriptive Photo: 2 Viewing Direction: North Date: 8/14/2025 @ 2:11 5 point composite sample Created: 8/14/2025 10:30:54 AM Lat: 32.117776, Long: -103.470147</small></p>
<p>BS25-01 @ 2' 5 point composite sample</p>	<p>BS25-02 @ 2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: Southwest</b></p>  <p><small>Descriptive Photo: 3 Viewing Direction: Southwest Date: 8/14/2025 @ 2:11 5 point composite sample Created: 8/14/2025 10:30:27 AM Lat: 32.117776, Long: -103.470147</small></p>	<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo: 4 Viewing Direction: North Date: 8/14/2025 @ 2:11 5 point composite sample Created: 8/14/2025 10:30:58 AM Lat: 32.117776, Long: -103.470147</small></p>
<p>BS25-03 @ 2' 5 point composite sample</p>	<p>BS25-04 @ 2' 5 point composite sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: Southeast</b></p>  <p><small>Descriptive Photo - 5 Viewing Direction: Southeast Point BS25-05 @ 2' 5 point composite sample Created: 8/15/2025 10:26:42 AM Lat:32.117761, Long:-103.058914</small></p>	<p style="text-align: center;"><b>Viewing Direction: Northeast</b></p>  <p><small>Descriptive Photo - 6 Viewing Direction: Northeast Point BS25-06 @ 2' 5 point composite sample Created: 8/15/2025 10:27:06 AM Lat:32.117761, Long:-103.058914</small></p>
<p>BS25-05 @ 2' 5 point composite sample</p>	<p>BS25-06 @ 2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 7 Viewing Direction: South Point BS25-07 @ 2' 5 point composite sample Created: 8/15/2025 10:27:28 AM Lat:32.117761, Long:-103.058914</small></p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo - 8 Viewing Direction: West Point BS25-08 @ 2' 5 point composite sample Created: 8/15/2025 10:28:08 AM Lat:32.117761, Long:-103.058914</small></p>
<p>BS25-07 @ 2' 5 point composite sample</p>	<p>BS25-08 @ 2' 5 point composite sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 9 Viewing Direction: South Date: 8/25-09 @ 9 A 5 point composite sample Created: 8/14/2025 10:40:29 AM Lat:32.117734, Long:-103.000000</small></p>	<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 10 Viewing Direction: North Date: 8/25-09 @ 9 A 5 point composite sample Created: 8/14/2025 10:40:29 AM Lat:32.117734, Long:-103.000000</small></p>
<p>BS25-09 @ 2' 5 point composite sample</p>	<p>BS25-10 @ 2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo - 11 Viewing Direction: East Date: 8/25-11 @ 9 A 5 point composite sample Created: 8/14/2025 10:41:59 AM Lat:32.117734, Long:-103.000000</small></p>	<p style="text-align: center;"><b>Viewing Direction: Northeast</b></p>  <p><small>Descriptive Photo - 12 Viewing Direction: Northeast Date: 8/25-12 @ 9 A 5 point composite sample Created: 8/14/2025 10:41:59 AM Lat:32.117734, Long:-103.000000</small></p>
<p>BS25-11 @ 2' 5 point composite sample</p>	<p>BS25-12 @ 2' 5 point composite sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo - 13 Viewing Direction: East Date: 8/15/2025 10:44:12 AM Created: 8/15/2025 10:44:12 AM Lat:33.177781, Long:-103.050794</small></p>	<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 14 Viewing Direction: North Date: 8/15/2025 10:44:12 AM Created: 8/15/2025 10:44:12 AM Lat:33.177781, Long:-103.050794</small></p>
<p>BS25-13 @ 2' 5 point composite sample</p>	<p>BS25-14 @ 2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: Southeast</b></p>  <p><small>Descriptive Photo - 15 Viewing Direction: North Date: 8/15/2025 10:44:12 AM Created: 8/15/2025 10:44:12 AM Lat:33.177781, Long:-103.050794</small></p>	<p style="text-align: center;"><b>Viewing Direction: Northeast</b></p>  <p><small>Descriptive Photo - 16 Viewing Direction: Northeast Date: 8/15/2025 10:44:12 AM Created: 8/15/2025 10:44:12 AM Lat:33.177781, Long:-103.050794</small></p>
<p>BS25-15 @ 2' 5 point composite sample</p>	<p>BS25-16 @ 2' 5 point composite sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: Southeast</b></p>  <p><small>-Descriptive Photo - 17 Viewing Direction: Southeast Date: 8/15/2025 @ 2:11 5 point composite sample Created: 8/16/2025 10:47:58 AM Lat: 31.7779, Long: 104.8985</small></p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>-Descriptive Photo - 18 Viewing Direction: West Date: 8/15/2025 @ 2:11 5 point composite sample Created: 8/16/2025 12:30:32 PM Lat: 31.7779, Long: 104.8985</small></p>
<p>BS25-17 @ 2' 5 point composite sample</p>	<p>WS25-01 @ 0-2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: Southeast</b></p>  <p><small>-Descriptive Photo - 19 Viewing Direction: Southeast Date: 8/15/2025 @ 2:11 5 point composite sample Created: 8/16/2025 11:11:54 PM Lat: 31.7779, Long: 104.8985</small></p>	<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>-Descriptive Photo - 20 Viewing Direction: South Date: 8/15/2025 @ 2:11 5 point composite sample Created: 8/16/2025 11:22:02 PM Lat: 31.7779, Long: 104.8985</small></p>
<p>WS25-02 @ 0-2' 5 point composite sample</p>	<p>WS25-03 @ 0-2' 5 point composite sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: Northeast</b></p>  <p><small>Descriptive Photo - 24 Viewing Direction: Northeast Date: 8/14/2025 9:45 AM 5 point composite sample Created: 8/14/2025 10:25:22 PM Lat:32.117777, Long:-102.066667</small></p>	<p style="text-align: center;"><b>Viewing Direction: Northwest</b></p>  <p><small>Descriptive Photo - 25 Viewing Direction: Northwest Date: 8/14/2025 9:45 AM 5 point composite sample Created: 8/14/2025 10:25:22 PM Lat:32.117777, Long:-102.066667</small></p>
<p>WS25-04 @ 0-2' 5 point composite sample</p>	<p>WS25-05 @ 0-2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 26 Viewing Direction: South Date: Contaminated material hauled off Created: 8/14/2025 1:17:46 PM Lat:32.118000, Long:-102.066160</small></p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo - 27 Viewing Direction: West Date: 8/14/2025 12:12:22 PM Created: 8/14/2025 12:12:22 PM Lat:32.117777, Long:-102.066667</small></p>
<p>Contaminated material hauled off</p>	<p>Hydrovac continued</p>

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

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

Signature

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 8/15/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 8/15/2025 9:00 AM  
Departed Site 8/15/2025 2:00 PM

## Daily Site Visit Report



### Field Notes

- 10:15 Hydrovac windows continued
- 10:15 Contaminated material was hauled off
- 10:16 Right of way excavation was planned

### Next Steps & Recommendations

- 1 Continue excavation
- 2 Continue Hydrovacing
- 3 Confirmation sampling
- 4 Backfill/ reporting

# Daily Site Visit Report



## Site Photos

Viewing Direction: South



Descriptive Photo - 1  
Viewing Direction: South  
Date: 8/18/2025 10:17 AM  
Location: 33.5252, -111.7171  
Altitude: 1015.00 (ft)

Hydrovac windows

Viewing Direction: North



Descriptive Photo - 2  
Viewing Direction: North  
Date: 8/18/2025 10:17 AM  
Location: 33.5252, -111.7171  
Altitude: 1015.00 (ft)

New washout built for Hydrovacs

Viewing Direction: South



Descriptive Photo - 3  
Viewing Direction: South  
Date: 8/18/2025 10:38:11 AM  
Location: 33.5252, -111.7171  
Altitude: 1015.00 (ft)

Contaminated material hauled off

## Daily Site Visit Report



Daily Site Visit Signature

**Inspector:** Riley Arnold

**Signature:**

  
Signature

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 8/18/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 8/18/2025 10:30 AM  
Departed Site 8/18/2025 2:00 PM

## Daily Site Visit Report



### Field Notes

- 10:37 Travel to site/ safety paperwork
- 10:37 Excavation continued
- 10:38 Hydrovacing continued
- 12:47 Excavation was done slowly with multiple spotters in right of way area

### Next Steps & Recommendations

- 1 Continue Hydrovacing
- 2 Continue excavation
- 3 Confirmation sampling
- 4 Report/ backfilling

# Daily Site Visit Report



## Site Photos



Excavation in right of way



Excavation in right of way



New washout station being built on plastic liner



Hydrovac'ing in between equipment

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'RA', written over a horizontal line. The word 'Signature' is printed in small text below the line.

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 8/19/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 8/19/2025 8:30 AM  
Departed Site 8/19/2025 3:00 PM

## Daily Site Visit Report



### Field Notes

- 11:40 Excavation continued in right of way
- 11:42 Hydrovacung in right of way to reveal all lines less than 4' below ground surface in right of way
- 11:50 Mapping updates were made/ proposed sample points placed
- 11:50 Several base samples collected and field screened to assure site criteria was met

### Next Steps & Recommendations

- 1 Continue excavation
- 2 Continue Hydrovacung
- 3 Haul contaminated material
- 4 Confirmation sampling
- 5 Backfill/ reporting

# Daily Site Visit Report



## Site Photos

Viewing Direction: North



BS25-18 @ 2'

Viewing Direction: South



BS25-21 @ 2'

Viewing Direction: Southwest



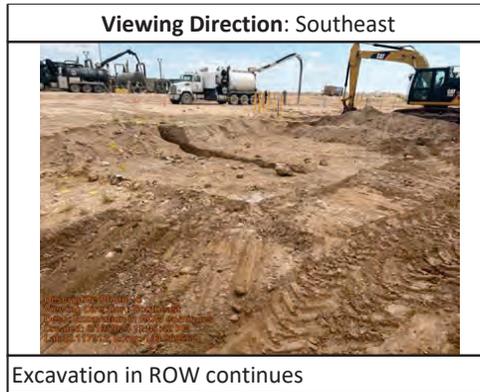
BS25-25 @ 2'

Viewing Direction: West



Hydrovac clearing lines less than 4' bgs

### Daily Site Visit Report



## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'RA', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 8/20/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 8/20/2025 8:30 AM  
Departed Site 8/20/2025 3:00 PM

## Daily Site Visit Report



### Field Notes

- 9:13 Travel to site / safety paperwork
- 9:13 Excavation in right of way continued
- 9:14 Hydrovac continued exposing lines less than 4' bgs on pad
- 12:25 Several base and wall samples were collected to assure site criteria is met during confirmation
- 12:25 Contaminated material was hauled to disposal
- 15:53 Map updates were made

### Next Steps & Recommendations

- 1 Continue Hydrovac
- 2 Continue excavation
- 3 Confirmation sampling
- 4 Reporting/ backfill

# Daily Site Visit Report



## Site Photos

Viewing Direction: Northeast



Descriptive Photo - 1  
Viewing Direction: East  
Event: Hydrovac exposing lines less than 4' bgs  
Created: 8/20/2025 9:59:30 AM  
Lat:32.117865, Long:-103.689188

Hydrovac exposing lines less than 4' bgs

Viewing Direction: West



Descriptive Photo - 2  
Viewing Direction: West  
Event: Excavation continues in ROW  
Created: 8/20/2025 8:59:25 AM  
Lat:32.117865, Long:-103.689188

Excavation continues in ROW

Viewing Direction: North



Descriptive Photo - 3  
Viewing Direction: North  
Event: Contaminated material hauled off  
Created: 8/20/2025 12:21:55 PM  
Lat:32.117865, Long:-103.689187

Contaminated material hauled off

Viewing Direction: North



Descriptive Photo - 4  
Viewing Direction: North  
Event: Utility marker installed  
Created: 8/20/2025 12:21:55 PM  
Lat:32.117865, Long:-103.689187

WS25-06 @ 0-2'



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p style="font-size: small; color: orange;">Descriptive Photo - 7 Viewing Direction: West Date: 8/20/25 12:36:28 PM Created: 8/20/2025 12:36:28 PM Lat: 32.17785, Long: -103.89854</p>	<p style="text-align: center;"><b>Viewing Direction: Southeast</b></p>  <p style="font-size: small; color: orange;">Descriptive Photo - 8 Viewing Direction: Southeast Date: 8/20/25 12:36:28 PM Created: 8/20/2025 12:36:28 PM Lat: 32.17785, Long: -103.89854</p>
<p>WS25-07 @ 0-2'</p>	<p>Base sample</p>
<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p style="font-size: small; color: orange;">Descriptive Photo - 9 Viewing Direction: South Date: 8/20/25 12:36:28 PM Created: 8/20/2025 12:36:28 PM Lat: 32.17785, Long: -103.89854</p>	<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p style="font-size: small; color: orange;">Descriptive Photo - 11 Viewing Direction: East Date: 8/20/2025 exposing lines less than less than 4' bgs in ROW Created: 8/20/2025 12:36:45 PM Lat: 32.17785, Long: -103.89854</p>
<p>Base sample</p>	<p>2nd Hydrovac exposing lines less than less than 4' bgs in ROW</p>

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'R. Arnold', written over a horizontal line. The word 'Signature' is printed in small text below the line.

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 8/21/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 8/21/2025 8:30 AM  
Departed Site 8/21/2025 2:00 PM

## Daily Site Visit Report



### Field Notes

- 8:49 Travel to site/ safety paperwork
- 12:45 Excavation in right of way continued
- 12:46 Hydrovac continued exposing lines less than 4 feet bgs
- 12:46 Hydrovac continued excavating between equipment
- 12:47 Right of way excavation expected to be complete tomorrow
- 12:47 New washout station built for Hydrovac

### Next Steps & Recommendations

- 1 Continue excavation
- 2 Continue Hydrovacing
- 3 Confirmation sampling
- 4 Haul contaminated material to disposal
- 5 Reporting/backfill

# Daily Site Visit Report



## Site Photos



Excavation in right of way continues



Hydrovac exposing lines less than 4' bgs in road section of excavation



Hydrovacating between equipment



ROW excavation

### Daily Site Visit Report



## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'R. Arnold', written over a horizontal line. The word 'Signature' is printed in small text below the line.

## Daily Site Visit Report



Client: XTO Energy Inc. (US) Incident ID #: \_\_\_\_\_  
Site Location Name: Corral Canyon 15 CVB API #: \_\_\_\_\_  
Inspection Date: 8/22/2025 \_\_\_\_\_

### Summary of Times

Arrived at Site 8/22/2025 9:00 AM  
Departed Site 8/22/2025 10:30 AM

## Daily Site Visit Report



### Field Notes

- 9:18 Travel to site/ safety paperwork
- 9:18 Hydrovacs completed exposing lines less than 4' bgs in road section
- 9:19 Hydrovac continued excavating between equipment
- 9:19 Excavation was completed in right of way section
- 9:19 Several base samples were collected to ensure site criteria was met
- 10:24 Samples were field screened
- 9:41 Excavation map was updated

### Next Steps & Recommendations

- 1 Continue Hydrovacating on pad
- 2 Complete excavation on road section
- 3 Complete excavation on pad
- 4 Confirmation sampling
- 5 Reporting/ backfill

# Daily Site Visit Report



## Site Photos

Viewing Direction: North



Descriptive Photo - 1  
Viewing Direction: East  
Event: Hydrovac exposing lines less than 4' bgs  
Created: 8/22/2025 9:25:34 AM  
Latitude: 117795, Long: -102.982270

Hydrovac exposing lines leafy than 4' bgs in road section

Viewing Direction: West



Descriptive Photo - 2  
Viewing Direction: West  
Event: Excavation in ROW  
Created: 8/22/2025 9:28:08 AM  
Latitude: 117795, Long: -102.982270

Excavation in ROW

Viewing Direction: West



Descriptive Photo - 3  
Viewing Direction: West  
Event: BS25-33 @ 2'  
Created: 8/22/2025 9:28:41 AM  
Latitude: 117795, Long: -102.982270

BS25-33 @ 2'

Viewing Direction: Southeast



Descriptive Photo - 4  
Viewing Direction: Southeast  
Event: BS25-37 @ 2'  
Created: 8/22/2025 9:30:41 AM  
Latitude: 117795, Long: -102.982270

BS25-37 @ 2'

### Daily Site Visit Report



BS25-40 @ 2'



BS25-43 @ 2'



Hydrovac between equipment

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

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

Signature



# Daily Site Visit Report



## Site Photos

Viewing Direction: East



Hydrovac working between production equipment

Viewing Direction: West



WS25-06 @ 0-2'

Viewing Direction: East



WS25-07 @ 0-2'

Viewing Direction: North



WS25-08 @ 0-2'



### Daily Site Visit Report



WS25-09 @ 0-2'



WS25-10 @ 0-2'



WS25-11 @ 0-2'



WS25-12 @ 0-2'



### Daily Site Visit Report



BS25-45 @ 2'



BS25-48 @ 2'



BS25-54 @ 2'



Hydrovac between production equipment

## Daily Site Visit Report



## Daily Site Visit Report



Daily Site Visit Signature

**Inspector:** Riley Arnold

**Signature:**

A handwritten signature in black ink, appearing to be 'Riley Arnold', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



# Daily Site Visit Report



## Site Photos

Viewing Direction: East



Descriptive Photo - 1  
Viewing Direction: East  
Event: Hydrovac continued between production equipment  
Created: 8/26/2025 9:27:33 AM  
Lat:32.117864, Long:-103.990042

Hydrovac continued between production equipment

Viewing Direction: Northwest



Descriptive Photo - 2  
Viewing Direction: Northwest  
Event: Extension of wall around WS25-08  
Created: 8/26/2025 9:27:12 AM  
Lat:32.117811, Long:-103.990088

Extension of wall around WS25-08

Viewing Direction: North



Descriptive Photo - 3  
Viewing Direction: North  
Event: WS25-08 @ 0-2'  
After extension  
Created: 8/26/2025 10:11:46 AM  
Lat:32.117784, Long:-103.989982

WS25-08 @ 0-2'  
After extension

Viewing Direction: East



Descriptive Photo - 4  
Viewing Direction: East  
Event: Wall around WS25-09 extended  
Created: 8/26/2025 10:11:46 AM  
Lat:32.117764, Long:-103.990082

Wall around WS25-09 extended



# Daily Site Visit Report



## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'RA', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



# Daily Site Visit Report



## Site Photos

<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - Viewing Direction: North Date: 8/27/2025 9:10:12 AM 5 point composite sample Created: 8/27/2025 9:10:12 AM Lat: 32.11366, Long: -102.98888</small></p>	<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - Viewing Direction: South Date: 8/27/2025 9:10:12 AM 5 point composite sample Created: 8/27/2025 9:10:12 AM Lat: 32.11366, Long: -102.98888</small></p>
<p>BS25-18 @ 2' 5 point composite sample</p>	<p>BS25-19 @ 2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - Viewing Direction: North Date: 8/27/2025 9:10:12 AM 5 point composite sample Created: 8/27/2025 9:10:12 AM Lat: 32.11366, Long: -102.98888</small></p>	<p style="text-align: center;"><b>Viewing Direction: Southwest</b></p>  <p><small>Descriptive Photo - Viewing Direction: Southwest Date: 8/27/2025 9:10:12 AM 5 point composite sample Created: 8/27/2025 9:10:12 AM Lat: 32.11366, Long: -102.98888</small></p>
<p>BS25-20 @ 2' 5 point composite sample</p>	<p>BS25-21 @ 2' 5 point composite sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Description Photo - Viewing Direction: West Date: 8/27/25 @ 2:00 PM 5 point composite sample Camera: 2077025 12400.0 400 Lat: 31.7500 Long: -100.4500</small></p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Description Photo - Viewing Direction: West Date: 8/27/25 @ 2:00 PM 5 point composite sample Camera: 2077025 12400.0 400 Lat: 31.7500 Long: -100.4500</small></p>
<p>BS25-22 @ 2' 5 point composite sample</p>	<p>BS25-23 @ 2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Description Photo - Viewing Direction: North Date: 8/27/25 @ 2:00 PM 5 point composite sample Camera: 2077025 12400.0 400 Lat: 31.7500 Long: -100.4500</small></p>	<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Description Photo - Viewing Direction: North Date: 8/27/25 @ 2:00 PM 5 point composite sample Camera: 2077025 12400.0 400 Lat: 31.7500 Long: -100.4500</small></p>
<p>BS25-24 @ 2' 5 point composite sample</p>	<p>BS25-25 @ 2' 5 point composite sample</p>



### Daily Site Visit Report

**Viewing Direction: East**



Descriptive Photo - 9  
Viewing Direction: East  
Date: 02/27/2025 10:14:31 AM  
Created: 02/27/2025 10:14:31 AM  
Lat: 32.117657, Long: 104.066880

Hydrovacating between production equipment

**Viewing Direction: East**



Descriptive Photo - 10  
Viewing Direction: East  
Date: 02/27/2025 10:14:31 AM  
Created: 02/27/2025 10:14:31 AM  
Lat: 32.117657, Long: 104.066880

BS25-26 @ 2'  
5 point composite sample

**Viewing Direction: West**



Descriptive Photo - 11  
Viewing Direction: West  
Date: 02/27/2025 10:14:31 AM  
Created: 02/27/2025 10:14:31 AM  
Lat: 32.117657, Long: 104.066880

BS25-27 @ 2'  
5 point composite sample

**Viewing Direction: North**



Descriptive Photo - 12  
Viewing Direction: North  
Date: 02/27/2025 10:14:31 AM  
Created: 02/27/2025 10:14:31 AM  
Lat: 32.117657, Long: 104.066880

BS25-28 @ 2'  
5 point composite sample



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p style="font-size: small; color: orange;">       Descriptive Photo - 13        Viewing Direction: North        Date: 8/27/2025 @ 9:        5 point composite sample        Created: 8/27/2025 10:28:34 AM        Lat:32.17778, Long:-103.05476     </p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p style="font-size: small; color: orange;">       Descriptive Photo - 12        Viewing Direction: West        Date: 8/27/2025 @ 9:        5 point composite sample        Created: 8/27/2025 10:27:55 AM        Lat:32.17787, Long:-103.05486     </p>
<p>BS25-29 @ 2' 5 point composite sample</p>	<p>BS25-30 @ 2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: Southwest</b></p>  <p style="font-size: small; color: orange;">       Descriptive Photo - 14        Viewing Direction: South        Date: 8/27/2025 @ 9:        5 point composite sample        Created: 8/27/2025 10:29:02 AM        Lat:32.17778, Long:-103.05476     </p>	<p style="text-align: center;"><b>Viewing Direction: Northeast</b></p>  <p style="font-size: small; color: orange;">       Descriptive Photo - 15        Viewing Direction: Northeast        Date: 8/27/2025 @ 9:        5 point composite sample        Created: 8/27/2025 10:29:08 AM        Lat:32.17783, Long:-103.05481     </p>
<p>BS25-31 @ 2' 5 point composite sample</p>	<p>BS25-32 @ 2' 5 point composite sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 27 Viewing Direction: South Created: 8/27/2025 11:14:58 AM Lat:32.17764, Long:-101.889458</small></p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo - 28 Viewing Direction: West Created: 8/27/2025 11:14:58 AM Lat:32.17764, Long:-101.889458</small></p>
<p>BS25-33 @ 2' 5 point composite sample</p>	<p>BS25-34 @ 2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: Southeast</b></p>  <p><small>Descriptive Photo - 29 Viewing Direction: Southeast Created: 8/27/2025 11:14:58 AM Lat:32.17764, Long:-101.889458</small></p>	<p style="text-align: center;"><b>Viewing Direction: Northwest</b></p>  <p><small>Descriptive Photo - 30 Viewing Direction: Northwest Created: 8/27/2025 11:14:58 AM Lat:32.17764, Long:-101.889458</small></p>
<p>BS25-35 @ 2' 5 point composite sample</p>	<p>BS25-36 @ 2' 5 point composite sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: Southeast</b></p>  <p><small>Descriptive Photo - 21 Viewing Direction: Southeast Date: 8/27/25 9:12 5 point composite sample Created: 8/27/2025 11:21:04 AM Latitude: 33.71751 Longitude: -100.85940</small></p>	<p style="text-align: center;"><b>Viewing Direction: Southwest</b></p>  <p><small>Descriptive Photo - 22 Viewing Direction: North Date: 8/27/25 9:12 5 point composite sample Created: 8/27/2025 11:20:04 AM Latitude: 33.71751 Longitude: -100.85940</small></p>
<p>BS25-37 @ 2' 5 point composite sample</p>	<p>BS25-38 @ 2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 23 Viewing Direction: North Date: 8/27/25 9:12 5 point composite sample Created: 8/27/2025 11:21:14 AM Latitude: 33.71751 Longitude: -100.85940</small></p>	<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 24 Viewing Direction: North Date: 8/27/25 9:12 5 point composite sample Created: 8/27/2025 11:21:04 AM Latitude: 33.71751 Longitude: -100.85940</small></p>
<p>BS25-39 @ 2' 5 point composite sample</p>	<p>BS25-40 @ 2' 5 point composite sample</p>

### Daily Site Visit Report



Viewing Direction: North	Viewing Direction: East
 <p data-bbox="318 850 472 919">Descriptive Photo - 25 Viewing Direction: North Date: BS25-41 @ 2' 5 point composite sample Created: 8/27/2025 11:21:56 AM Lat: 32.117302, Long: -103.886908</p>	 <p data-bbox="818 850 1105 919">Descriptive Photo - 26 Viewing Direction: East Date: 2nd Hydrovac working between production equipment Created: 8/27/2025 1:08:44 PM Lat: 32.117302, Long: -103.886908</p>
BS25-41 @ 2' 5 point composite sample	2nd Hydrovac working between production equipment

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'RA', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



# Daily Site Visit Report



## Site Photos

Viewing Direction: East



Descriptive Photo - 1  
Viewing Direction: East  
Date: Hydrovac between production equipment  
Created: 8/29/2025 8:43:31 AM  
Lat:32.112701, Long:104.888841

Hydrovacating between production equipment

Viewing Direction: Southeast



Descriptive Photo - 2  
Viewing Direction: Southeast  
Date: BS25-42 @ 2'  
Created: 8/29/2025 8:43:49 AM  
Lat:32.112701, Long:104.888841

BS25-42 @ 2'  
5 point confirmation sample

Viewing Direction: Northeast



Descriptive Photo - 3  
Viewing Direction: Northeast  
Date: BS25-43 @ 2'  
Created: 8/29/2025 8:43:58 AM  
Lat:32.112701, Long:104.888841

BS25-43 @ 2'  
5 point confirmation sample

Viewing Direction: East



Descriptive Photo - 4  
Viewing Direction: East  
Date: BS25-44 @ 2'  
Created: 8/29/2025 8:44:06 AM  
Lat:32.112701, Long:104.888841

BS25-44 @ 2'  
5 point confirmation sample



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p style="font-size: small; color: orange;">       Descriptive Photo:        Viewing Direction: East        Date: 8/29/25 @ 11:41 AM        5 point confirmation sample        Project: BS25-45 @ 2' @ 2'        Photo: 8/29/2025 11:41:15 AM        Photo: 117700 (Long) - 117700     </p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p style="font-size: small; color: orange;">       Descriptive Photo:        Viewing Direction: West        Date: 8/29/25 @ 11:41 AM        5 point confirmation sample        Project: BS25-46 @ 2' @ 2'        Photo: 8/29/2025 11:41:15 AM        Photo: 117700 (Long) - 117700     </p>
<p>BS25-45 @ 2' 5 point confirmation sample</p>	<p>BS25-46 @ 2' 5 point confirmation sample</p>
<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p style="font-size: small; color: orange;">       Descriptive Photo:        Viewing Direction: East        Date: 8/29/25 @ 11:41 AM        5 point confirmation sample        Project: BS25-47 @ 2' @ 2'        Photo: 8/29/2025 11:41:15 AM        Photo: 117700 (Long) - 117700     </p>	<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p style="font-size: small; color: orange;">       Descriptive Photo:        Viewing Direction: North        Date: 8/29/25 @ 11:41 AM        5 point confirmation sample        Project: BS25-48 @ 2' @ 2'        Photo: 8/29/2025 11:41:15 AM        Photo: 117700 (Long) - 117700     </p>
<p>BS25-47 @ 2' 5 point confirmation sample</p>	<p>BS25-48 @ 2' 5 point confirmation sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 9 Viewing Direction: North Date: 8/28/2025 9:11 5 point confirmation sample Created: 8/28/2025 10:11:51 AM Lat:32.17794, Long:-100.96529</small></p>	<p style="text-align: center;"><b>Viewing Direction: Northwest</b></p>  <p><small>Descriptive Photo - 10 Viewing Direction: North Date: 8/28/2025 9:11 5 point confirmation sample Created: 8/28/2025 10:12:06 AM Lat:32.17797, Long:-100.96529</small></p>
<p>BS25-49 @ 2' 5 point confirmation sample</p>	<p>BS25-50 @ 2' 5 point confirmation sample</p>
<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo - 11 Viewing Direction: North Date: 8/28/2025 9:11 5 point confirmation sample Created: 8/28/2025 10:12:02 AM Lat:32.17794, Long:-100.96529</small></p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo - 12 Viewing Direction: North Date: 8/28/2025 9:11 5 point confirmation sample Created: 8/28/2025 10:12:02 AM Lat:32.17794, Long:-100.96529</small></p>
<p>BS25-51 @ 2' 5 point confirmation sample</p>	<p>BS25-52 @ 2' 5 point confirmation sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: Southwest</b></p>  <p><small>Descriptive Photo # 28 Viewing Direction: SW Date: 8/29/2025 @ 11:41 AM 5 point confirmation sample Created: 8/29/2025 9:10:12 AM Latitude: 31.7796, Longitude: 104.9871</small></p>	<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo # 29 Viewing Direction: East Date: 8/29/2025 @ 11:41 AM 5 point confirmation sample Created: 8/29/2025 9:10:12 AM Latitude: 31.7796, Longitude: 104.9871</small></p>
<p>BS25-53 @ 2' 5 point confirmation sample</p>	<p>BS25-54 @ 2' 5 point confirmation sample</p>
<p style="text-align: center;"><b>Viewing Direction: Southeast</b></p>  <p><small>Descriptive Photo # 30 Viewing Direction: Southeast Date: 8/29/2025 @ 11:41 AM 5 point confirmation sample Created: 8/29/2025 9:10:12 AM Latitude: 31.7796, Longitude: 104.9871</small></p>	<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo # 31 Viewing Direction: North Date: 8/29/2025 @ 11:41 AM 5 point confirmation sample Created: 8/29/2025 9:10:12 AM Latitude: 31.7796, Longitude: 104.9871</small></p>
<p>BS25-55 @ 2' 5 point confirmation sample</p>	<p>BS25-56 @ 2' 5 point confirmation sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: Northwest</b></p>  <p><small>Descriptive Photo - 17 Viewing Direction: North Date: 8/29/2025 @ 9:11 5 point confirmation sample Created: 8/29/2025 10:54:50 AM Lat:32.117766, Long:-110.068814</small></p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo - 18 Viewing Direction: North Date: 8/29/2025 @ 9:12 AM 5 point confirmation sample Created: 8/29/2025 10:54:50 AM Lat:32.117766, Long:-110.068814</small></p>
<p>BS25-57 @ 2' 5 point confirmation sample</p>	<p>WS25-06 @ 0-2' 5 point confirmation sample</p>
<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo - 19 Viewing Direction: North Date: 8/29/2025 @ 9:11 5 point confirmation sample Created: 8/29/2025 11:17:41 AM Lat:32.117766, Long:-110.068814</small></p>	<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 20 Viewing Direction: North Date: 8/29/2025 @ 9:11 5 point confirmation sample Created: 8/29/2025 11:17:41 AM Lat:32.117766, Long:-110.068814</small></p>
<p>WS25-07 @ 0-2' 5 point confirmation sample</p>	<p>WS25-08 @ 0-2' 5 point confirmation sample</p>



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo - 21 Viewing Direction: East Name: WS25-09 @ 0-2' 5 point confirmation sample Created: 9/29/2025 11:17:44 AM Lat: 31.7725, Long: -103.99482</small></p>	<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 21 Viewing Direction: South Name: WS25-10 @ 0-2' 5 point confirmation sample Created: 9/29/2025 11:24:26 AM Lat: 31.7715, Long: -103.99482</small></p>
<p>WS25-09 @ 0-2' 5 point confirmation sample</p>	<p>WS25-10 @ 0-2' 5 point confirmation sample</p>
<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo - 23 Viewing Direction: West Name: WS25-11 @ 0-2' 5 point confirmation sample Created: 9/29/2025 11:27:53 AM Lat: 31.7705, Long: -103.99482</small></p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo - 24 Viewing Direction: West Name: WS25-12 @ 0-2' 5 point confirmation sample Created: 9/29/2025 9:41:32 AM Lat: 31.7715, Long: -103.99482</small></p>
<p>WS25-11 @ 0-2' 5 point confirmation sample</p>	<p>WS25-12 @ 0-2' 5 point confirmation sample</p>



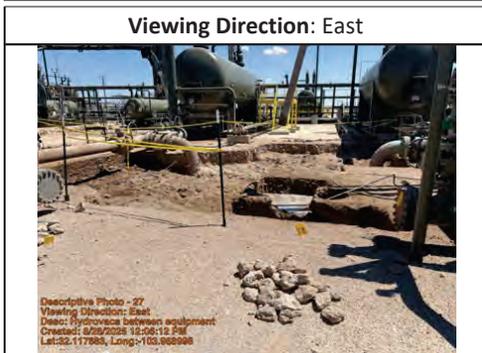
### Daily Site Visit Report



Hydrovac between equipment



Hydrovac between equipment



Hydrovac between equipment



Hydrovac between equipment

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'R. Arnold', written over a horizontal line. The word 'Signature' is printed in small text below the line.



### Daily Site Visit Report

Client:	<u>XTO Energy Inc. (US)</u>	Incident ID #:	<u>NAPP2519250010</u>
Site Location Name:	<u>Corral Canyon 15 CVB</u>	API #:	<u></u>
Inspection Date:	<u>9/2/2025</u>		<u></u>

#### Summary of Times

Arrived at Site	<u>9/2/2025 7:25 AM</u>
Departed Site	<u>9/2/2025 4:59 PM</u>

#### Field Notes

- 9:52** Informed Kent Retz of presence on arrival. Completed JSA when Tex Mex hydrovac crew arrived. Tex Mex crew received approval from Kent Retz to proceed with exposing pipelines and removing soil within 2 feet of equipment.
- 10:56** Swept work areas with magnetic locator prior to hydrovac and sample collection. Interference present when close to production infrastructure.
- 11:51** Hydrovac crew started where they left off Friday: continuing to expose lines running west from equipment. A rock was sucked into the hydrovac line and got stuck between the intake and the reservoir. The hydrovac crew worked at it until eventually removing the blockage.
- 15:01** The hydrovac crew completed spotting the lines on the north side of the production equipment. The crew started removing material from the south side of the production equipment and filled the truck before emptying and cleaning the truck out for the day.
- 15:03** The hydrovac crew will return tomorrow and continue removing material from the south side of the production equipment. The excavation crew is scheduled to return the day after tomorrow (Thursday) to proceed with excavation around areas recently spotted.
- 19:01** Collected 5-point composite samples from backfill stockpile on north side of pad.
- 19:03** Collected preliminary samples from north and east walls of excavation to 2 feet bgs around production equipment. Field screening results for WS25-12, WS25-13, and WS25-14 were below NMOCD strictest criterion for chloride.

#### Next Steps & Recommendations

- 1** Continue hydrovac around equipment.

# Daily Site Visit Report



## Site Photos

Viewing Direction: Southeast



At pad entrance facing southeast.

Viewing Direction: North



West of production equipment facing north. Hydrovac crew attempted to remove rock from vacuum line.

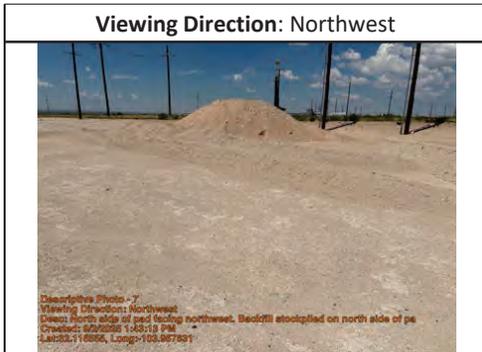


### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo - 3 Viewing Direction: West Date: West of production equipment facing east. Spotted remaining lines on west side of production equipment. Created: 12/2/2025 1:38:49 PM Lat:32.117778, Long:-103.248954</small></p>	<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 2 Viewing Direction: North Date: West of production equipment facing north. Spotted remaining lines on west side of production equipment. Created: 12/2/2025 1:37:16 PM Lat:32.117778, Long:-103.248954</small></p>
<p>West of production equipment facing east. Spotted remaining lines on west side of production equipment.</p>	<p>West of production equipment facing north. Spotted remaining lines on west side of production equipment.</p>
<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 4 Viewing Direction: South Date: West of production equipment facing south. Spotted remaining lines on west side of production equipment. Created: 12/2/2025 1:37:39 PM Lat:32.117778, Long:-103.248954</small></p>	<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo - 6 Viewing Direction: East Date: North side of pad facing east. Backfill stockpiled on north side of pad. Created: 12/2/2025 1:41:44 PM Lat:32.117778, Long:-103.248954</small></p>
<p>West of production equipment facing south. Spotted remaining lines on west side of production equipment.</p>	<p>North side of pad facing east. Backfill stockpiled on north side of pad.</p>



### Daily Site Visit Report



North side of pad facing northwest. Backfill stockpiled on north side of pad.



North side of pad facing west. Backfill stockpiled on north side of pad.



South of large separator facing northwest. Hydrovac crew started removing material close to equipment at south end of release area.



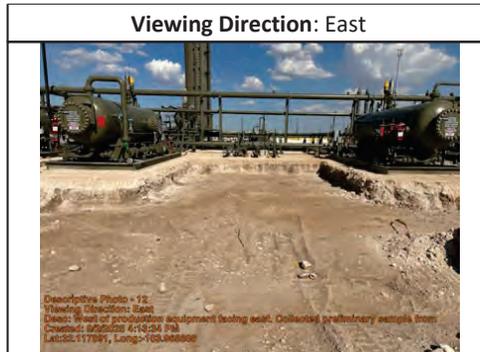
Inside southwest corner of excavation around production equipment facing south. Hydrovac started removing material around southwest edge of equipment.



### Daily Site Visit Report



West of production equipment facing southeast. Collected preliminary sample from southeast excavation walls.



West of production equipment facing east. Collected preliminary sample from East excavation walls.



West of production equipment facing northeast. Collected preliminary sample from northeast excavation walls.

## Daily Site Visit Report



Daily Site Visit Signature

**Inspector:** Lakin Pullman

A handwritten signature in black ink, appearing to be 'L. Pullman', written over a horizontal line.

**Signature:**

Signature



# Daily Site Visit Report



## Site Photos

Viewing Direction: Northwest



West side of pad facing northwest. Hydrovac crew continued removing material from south edge of production equipment.

Viewing Direction: South



West side of pad facing south. Hydrovac crew continued removing material from north edge of production equipment.



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: Southwest</b></p>  <p><small>Descriptive Photo - 3 Viewing Direction: Southwest Date: West side of pad facing southwest. Hydrovac crew continued removing material from south edge of production equipment. Created: 9/2/2025 4:58:13 PM Lat:32.117784, Long:-103.969801</small></p>	<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo - 4 Viewing Direction: East Date: West side of pad facing east. Hydrovac cleared remaining material from north side of production equipment. Created: 9/2/2025 4:57:52 PM Lat:32.117784, Long:-103.969801</small></p>
<p>West side of pad facing southwest. Hydrovac crew continued removing material from south edge of production equipment.</p>	<p>West side of pad facing east. Hydrovac cleared remaining material from north side of production equipment.</p>
<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo - 8 Viewing Direction: West Date: West side of pad facing north. Hydrovac cleared remaining material from north side of production equipment. Created: 9/2/2025 4:58:57 PM Lat:32.117784, Long:-103.969801</small></p>	<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p><small>Descriptive Photo - 9 Viewing Direction: South Date: West side of pad facing south. Hydrovac cleared remaining material from north side of production equipment. Created: 9/2/2025 4:59:04 PM Lat:32.117784, Long:-103.969801</small></p>
<p>West side of pad facing west. Hydrovac cleared remaining material from north side of production equipment.</p>	<p>West side of pad facing south. Hydrovac cleared remaining material from north side of production equipment.</p>



### Daily Site Visit Report



West side of pad facing north. Hydrovac cleared remaining material from north side of production equipment.



West side of pad facing east. Collected preliminary samples from excavation base.



West side of pad facing east. Collected preliminary samples from excavation base.



West side of pad facing east. Collected preliminary samples from excavation base.

## Daily Site Visit Report



Daily Site Visit Signature

**Inspector:** Lakin Pullman

**Signature:**

A handwritten signature in black ink, appearing to be 'LP', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



# Daily Site Visit Report



## Site Photos

Viewing Direction: Southeast



At facility entrance facing southeast.

Viewing Direction: Northwest



West side of pad facing northwest. Hydrovac continued removing material on south edge of equipment.



# Daily Site Visit Report

**Viewing Direction: West**

Descriptive Photo - 3  
Viewing Direction: West  
Date: West side of pad facing west. Hydrovac equipment removing material on south edge of equipment.  
Created: 9/4/2025 4:28:13 PM  
Lat:32.117664, Long:-103.989048

West side of pad facing west. Hydrovac continued removing material on south edge of equipment.

**Viewing Direction: Northeast**

Descriptive Photo - 4  
Viewing Direction: Northeast  
Date: West side of pad facing northeast. Excavation expanded westward.  
Created: 9/4/2025 4:28:40 PM  
Lat:32.117764, Long:-103.989048

West side of pad facing northeast. Excavation expanded westward.

**Viewing Direction: East**

Descriptive Photo - 5  
Viewing Direction: East  
Date: West side of pad facing east. Excavation expanded westward.  
Created: 9/4/2025 4:32:12 PM  
Lat:32.117864, Long:-103.989018

West side of pad facing east. Excavation expanded westward.

**Viewing Direction: Southeast**

Descriptive Photo - 6  
Viewing Direction: Southeast  
Date: West side of pad facing southeast. Excavation expanded westward.  
Created: 9/4/2025 4:32:48 PM  
Lat:32.117864, Long:-103.989018

West side of pad facing southeast. Excavation expanded westward.



### Daily Site Visit Report

**Viewing Direction: Southeast**

Descriptive Photo - 7  
Viewing Direction: Southeast  
Date: West side of pad facing southeast. Excavation expanded westward.  
Created: 04/2025 4:58:08 PM  
Lat:22.117089, Long:-102.886607

West side of pad facing southeast. Excavation expanded westward.

**Viewing Direction: South**

Descriptive Photo - 8  
Viewing Direction: South  
Date: West side of pad facing south. Excavation expanded westward.  
Created: 04/2025 4:58:25 PM  
Lat:22.117087, Long:-102.886607

West side of pad facing south. Excavation expanded westward.

**Viewing Direction: East**

Descriptive Photo - 9  
Viewing Direction: East  
Date: West side of pad facing east. Collected preliminary samples from excavation.  
Created: 04/2025 5:14:07 PM  
Lat:22.117089, Long:-102.886607

West side of pad facing east. Collected preliminary samples from excavation between production equipment.

## Daily Site Visit Report



Daily Site Visit Signature

**Inspector:** Lakin Pullman

A handwritten signature in black ink, appearing to be 'Lakin Pullman', written over a horizontal line.

**Signature:**

Signature



### Daily Site Visit Report

Client:	<u>XTO Energy Inc. (US)</u>	Incident ID #:	<u>NAPP2519250010</u>
Site Location Name:	<u>Corral Canyon 15 CVB</u>	API #:	<u></u>
Inspection Date:	<u>9/5/2025</u>		<u></u>

**Summary of Times**

Arrived at Site	<u>9/5/2025 6:59 AM</u>
Departed Site	<u>9/5/2025 4:01 PM</u>

**Field Notes**

- 6:07** Completed JSA and informed Chris Purcell on arrival. Attended safety meeting with Tex Mex hydrovac crew when they arrived. On site to continue hydrovac of south edge of equipment. Also on site for confirmation sampling event scheduled in the afternoon.
- 12:02** Swept excavation surfaces and hydrovac area with magnetic locator prior to hydrovac and sample collection.
- 6:08** Hydrovac crew completed exposure of equipment on south edge of production equipment. Hydrovac crew also removed remaining release area south of equipment.
- 6:09** Collected confirmation samples from surfaces of excavation of pad to 2 feet bgs west of production equipment. Confirmation samples collected from the excavation base and walls were 5-point composites representing areas no greater than 200 square feet.
- 6:11** Collected confirmation samples WS25-12 through WS25-18 from walls of excavation to 2 feet bgs. Collected confirmation samples BS25-58 through BS25-101 from base of excavation to 2 feet bgs.
- 6:11** Field screening and packing samples for laboratory was to be completed at office.
- 6:11** Excavation and confirmation sampling in immediate proximity to equipment is completed pending field screening and/or laboratory results.
- 6:13** The release area between the west edge of the equipment and the west edge of the pad has yet to be excavated.

**Next Steps & Recommendations**

- 1** Field screen all samples.
- 2** Prepare and submit samples for laboratory analyses.
- 3** Excavate remaining release area on west edge of facility pad to 2 feet bgs.

## Daily Site Visit Report





# Daily Site Visit Report

## Site Photos

Viewing Direction: Southeast



At facility entrance facing southeast.

Viewing Direction: Northwest



West side of pad facing northwest. Hydrovac crew completed excavation adjacent to equipment. Confirmation samples collected.



### Daily Site Visit Report

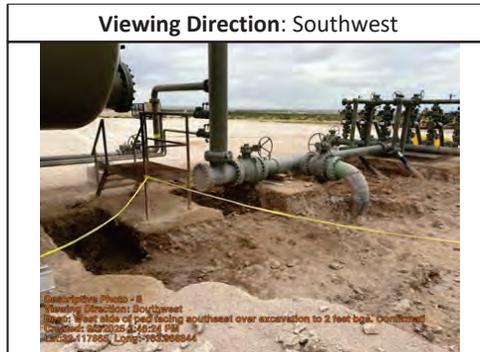
<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 3 Viewing Direction: North Date: West side of pad facing north. Hydrovac crew completed excavation adjacent to equipment. Created: 9/6/2025 3:48:03 PM Lat:32.117891, Long:-103.989905</small></p>	<p style="text-align: center;"><b>Viewing Direction: Northeast</b></p>  <p><small>Descriptive Photo - 4 Viewing Direction: Northeast Date: West side of pad facing northeast. Hydrovac crew completed excavation adjacent to equipment. Created: 9/6/2025 3:48:23 PM Lat:32.117896, Long:-103.989907</small></p>
<p>West side of pad facing north. Hydrovac crew completed excavation adjacent to equipment. Confirmation samples collected.</p>	<p>West side of pad facing northeast. Hydrovac crew completed excavation adjacent to equipment. Confirmation samples collected.</p>
<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo - 5 Viewing Direction: East Date: West side of pad facing east over excavation to 2 feet bgs. Confirmation samples collected. Created: 9/6/2025 3:54:08 PM Lat:32.117877, Long:-103.989907</small></p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p><small>Descriptive Photo - 6 Viewing Direction: West Date: West side of pad facing southeast over excavation to 2 feet bgs. Confirmation samples collected. Created: 9/6/2025 3:54:08 PM Lat:32.117893, Long:-103.989907</small></p>
<p>West side of pad facing east over excavation to 2 feet bgs. Confirmation samples collected.</p>	<p>West side of pad facing southeast over excavation to 2 feet bgs. Confirmation samples collected.</p>



### Daily Site Visit Report



West side of pad facing northeast over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing southwest over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing west over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing west over excavation to 2 feet bgs. Confirmation samples collected.



### Daily Site Visit Report



West side of pad facing west over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing west over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing south over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing southwest over excavation to 2 feet bgs. Confirmation samples collected.



### Daily Site Visit Report



West side of pad facing southeast over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing south over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing southwest over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing east over excavation to 2 feet bgs. Confirmation samples collected.



### Daily Site Visit Report



West side of pad facing southeast over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing south over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing east over excavation to 2 feet bgs. Confirmation samples collected.



West side of pad facing northeast over excavation to 2 feet bgs. Confirmation samples collected.

## Daily Site Visit Report



West side of pad facing north over excavation to 2 feet bgs. Confirmation samples collected.

## Daily Site Visit Report



Daily Site Visit Signature

**Inspector:** Lakin Pullman

**Signature:**

A handwritten signature in black ink, appearing to be 'L. Pullman', written over a thin horizontal line. Below the line, the word 'Signature' is printed in a small font.

## Daily Site Visit Report



Client:	<u>XTO Energy Inc. (US)</u>	Incident ID #:	_____
Site Location Name:	<u>Corral Canyon 15 CVB</u>	API #:	_____
Inspection Date:	<u>9/15/2025</u>		_____

### Summary of Times

Arrived at Site	<u>9/15/2025 9:10 AM</u>
Departed Site	<u>9/15/2025 3:10 PM</u>

### Field Notes

- 14:43** Completed safety paperwork upon arrival
- 14:44** In the morning the table and map was updated for the location
- 14:45** The trackhoe got to site after lunch and the area to the east of where the road will be was excavated
- 14:45** The 4 confirmation base samples were field screened and found to be below closure criteria
- 14:48** 811 of the dig crew was checked before mechanical excavation began.
- 14:48** A secondary sweep was conducted before excavation began

### Next Steps & Recommendations

1

# Daily Site Visit Report



## Site Photos

Viewing Direction: North



Descriptive Photo - 1  
Viewing Direction: North  
Issue: Area east of the on pad road was excavated  
Created: 9/15/2025 2:58:58 PM  
Latitude: 31.7175, Longitude: 103.898149

Area east of the on pad road was excavated

Viewing Direction: South



Descriptive Photo - 2  
Viewing Direction: South  
Issue: Area east of the on pad road was excavated  
Created: 9/15/2025 2:57:26 PM  
Latitude: 31.7175, Longitude: 103.898149

Area east of the on pad road was excavated

Viewing Direction: West



Descriptive Photo - 3  
Viewing Direction: West  
Issue: Area east of the on pad road was excavated  
Created: 9/15/2025 2:58:58 PM  
Latitude: 31.7175, Longitude: 103.898149

Area east of the on pad road was excavated

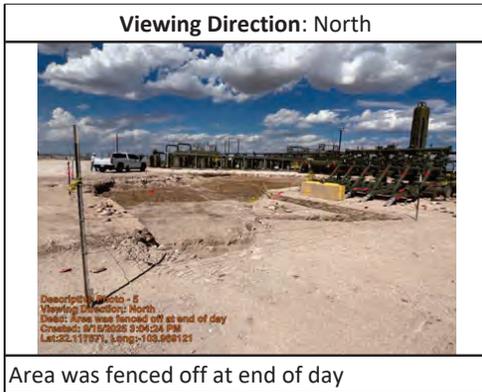
Viewing Direction: North



Descriptive Photo - 4  
Viewing Direction: North  
Issue: An area needs to be left on the road for vehicles to pass.  
Created: 9/15/2025 2:59:29 PM  
Latitude: 31.7175, Longitude: 103.898149

An area needs to be left on the road for vehicles to pass.

## Daily Site Visit Report



## Daily Site Visit Report



Daily Site Visit Signature

**Inspector:** Katrina Taylor

**Signature:**

A handwritten signature in black ink, appearing to read 'KTaylor', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.

## Daily Site Visit Report



Client:	<u>XTO Energy Inc. (US)</u>	Incident ID #:	_____
Site Location Name:	<u>Corral Canyon 15 CVB</u>	API #:	_____
Inspection Date:	<u>9/16/2025</u>		_____

### Summary of Times

Arrived at Site	<u>9/16/2025 9:00 AM</u>
Departed Site	<u>9/16/2025 11:00 AM</u>

### Field Notes

- 10:11** Travel to site/ safety paperwork
- 10:12** Excavation extent was assessed to determine square footage and sampling size
- 10:12** ExxonMobil rep was contacted about next steps involving road excavation
- 10:13** Contaminated material was hauled to disposal

### Next Steps & Recommendations

- 1** Confirmation sampling road/ backfill at risk
- 2** Excavation of remaining road section, confirmation sampling, backfill at risk
- 3** Report writing

# Daily Site Visit Report



## Site Photos

Viewing Direction: North



Descriptive Photo #1  
Viewing Direction: North  
Event: Contaminated material hauled  
Created: 9/16/2025 10:13:00 AM  
Latitude: 37.7486, Longitude: -102.98817

Contaminated material hauled

Viewing Direction: Northeast



Descriptive Photo #2  
Viewing Direction: Northeast  
Event: Square footage determined for confirmation sampling event  
Created: 9/16/2025 10:04:08 AM  
Latitude: 37.7486, Longitude: -102.98817

Square footage determined for confirmation sampling event

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'R. Arnold', written over a horizontal line. The word 'Signature' is printed in small text below the line.





# Daily Site Visit Report

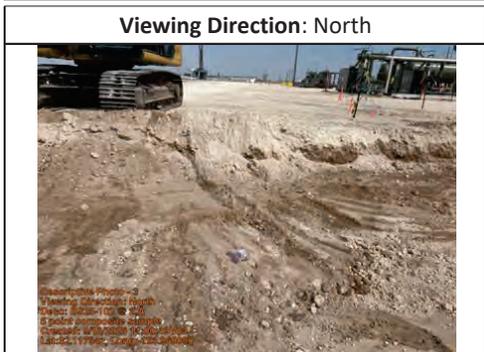
## Site Photos



Road section of excavation slightly extended



Contaminated material hauled to disposal



BS25-102 @ 2'  
5 point composite sample



BS25-103 @ 2'  
5 point composite sample



### Daily Site Visit Report

<p style="text-align: center;"><b>Viewing Direction: Southwest</b></p>  <p style="font-size: small; color: orange;">Description Photo - 8 Viewing Direction: Southwest Date: 12/19/2025 @ 12:41 PM 5 point composite sample Operator: J. J. [unreadable] Location: 117764, Longo-VIA 106464</p>	<p style="text-align: center;"><b>Viewing Direction: South</b></p>  <p style="font-size: small; color: orange;">Description Photo - 8 Viewing Direction: South Date: 12/19/2025 @ 12:41 PM 5 point composite sample Operator: J. J. [unreadable] Location: 117764, Longo-VIA 106464</p>
<p>BS25-104 @ 2' 5 point composite sample</p>	<p>BS25-105 @ 2' 5 point composite sample</p>
<p style="text-align: center;"><b>Viewing Direction: Southwest</b></p>  <p style="font-size: small; color: orange;">Description Photo - 8 Viewing Direction: Southwest Date: 12/19/2025 @ 12:41 PM 5 point composite sample Operator: J. J. [unreadable] Location: 117764, Longo-VIA 106464</p>	<p style="text-align: center;"><b>Viewing Direction: West</b></p>  <p style="font-size: small; color: orange;">Description Photo - 8 Viewing Direction: West Date: 12/19/2025 @ 12:41 PM 5 point composite sample Operator: J. J. [unreadable] Location: 117764, Longo-VIA 106464</p>
<p>BS25-106 @ 2' 5 point composite sample</p>	<p>BS25-107 @ 2' 5 point composite sample</p>

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

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

Signature

## Daily Site Visit Report



Client:	<u>XTO Energy Inc. (US)</u>	Incident ID #:	_____
Site Location Name:	<u>Corral Canyon 15 CVB</u>	API #:	_____
Inspection Date:	<u>9/19/2025</u>		_____

### Summary of Times

Arrived at Site	<u>9/19/2025 9:00 AM</u>
Departed Site	<u>9/19/2025 10:30 AM</u>

### Field Notes

- 9:04 Travel to site/ safety paperwork
- 9:10 East half of road was backfilled and compacted
- 9:11 Excavation began on west half of road

### Next Steps & Recommendations

- 1 Complete west side of road excavation
- 2 Confirmation sample west side of road
- 3 Backfill at risk
- 4 Report writing

# Daily Site Visit Report



## Site Photos

Viewing Direction: West



Descriptive Photo - 1  
Viewing Direction: East  
Date: Roller arrived for compacting backfill  
Created: 9/18/2025 9:48:49 AM  
Lat:32.117876, Long:-102.989091

Roller arrived for compacting backfill

Viewing Direction: North



Descriptive Photo - 2  
Viewing Direction: North  
Date: Backfilling east side of road  
Created: 9/18/2025 9:49:19 AM  
Lat:32.117807, Long:-102.989091

Backfilling east side of road

Viewing Direction: Northwest



Descriptive Photo - 3  
Viewing Direction: Northwest  
Date: West side of road will commence once East side is backfilled  
Created: 9/18/2025 9:48:31 AM  
Lat:32.117806, Long:-102.989122

West side of road will commence once East side is backfilled

Viewing Direction: North



Descriptive Photo - 4  
Viewing Direction: North  
Date: Contaminated material will be hauled to disposal  
Created: 9/18/2025 9:47:56 AM  
Lat:32.117806, Long:-102.989119

Contaminated material was hauled to disposal

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

  
Signature

### Daily Site Visit Report



Client:	<u>XTO Energy Inc. (US)</u>	Incident ID #:	_____
Site Location Name:	<u>Corral Canyon 15 CVB</u>	API #:	_____
Inspection Date:	<u>9/22/2025</u>		_____

#### Summary of Times

Arrived at Site	<u>9/22/2025 10:40 AM</u>
Departed Site	<u>9/22/2025 2:30 PM</u>

#### Field Notes

- 10:20** Travel to site/ safety paperwork
- 10:21** West side of road was excavated
- 13:33** Confirmation samples were collected
- 13:33** All samples were field screened
- 13:33** Samples were jarred and labeled
- 13:33** Coc was created
- 13:34** Road excavation was backfilled at risk

#### Next Steps & Recommendations

- 1** Deliver samples to lab for further analysis
- 2** Reporting/ backfilling

# Daily Site Visit Report



## Site Photos

<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 1 Viewing Direction: North Date: West side of road excavated Created: 9/22/2025 10:48:58 AM Lat:32.117841, Long:-103.989155</small></p>	<p style="text-align: center;"><b>Viewing Direction: East</b></p>  <p><small>Descriptive Photo - 2 Viewing Direction: East Date: West side of road excavated Created: 9/22/2025 11:34:03 AM Lat:32.117791, Long:-103.989176</small></p>
<p>West side of road excavated</p>	<p>BS25-108 @ 2'</p>
<p style="text-align: center;"><b>Viewing Direction: North</b></p>  <p><small>Descriptive Photo - 3 Viewing Direction: North Date: BS25-109 @ 2' Created: 9/22/2025 10:58:51 AM Lat:32.117791, Long:-103.989176</small></p>	<p style="text-align: center;"><b>Viewing Direction: Northwest</b></p>  <p><small>Descriptive Photo - 4 Viewing Direction: North Date: BS25-110 @ 2' Created: 9/22/2025 11:56:01 AM Lat:32.117791, Long:-103.989176</small></p>
<p>BS25-109 @ 2'</p>	<p>BS25-110 @ 2'</p>

### Daily Site Visit Report



BS25-111 @ 2'



BS25-112 @ 2'



BS25-113 @ 2'



WS25-19 @ 2'

### Daily Site Visit Report



## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Riley Arnold

Signature:

A handwritten signature in black ink, appearing to be 'R.A.', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.



# Daily Site Visit Report



## Site Photos

Viewing Direction: Northwest



Descriptive Photo - 1  
Viewing Direction: Northwest  
Note: Crew was able to get about 3-4inches down before the rock was too hard  
Created: 9/26/2025 11:16:12 AM  
Location: 117750, 10490-100.000000

Crew was able to get about 3-4inches down before the rock was too hard

Viewing Direction: East



Descriptive Photo - 2  
Viewing Direction: East  
Note: Hand dig area  
Created: 9/26/2025 11:16:12 AM  
Location: 117750, 10490-100.000000

Hand dig area

Viewing Direction: East



Descriptive Photo - 3  
Viewing Direction: East  
Note: Hand dig area  
Created: 9/26/2025 11:16:12 AM  
Location: 117750, 10490-100.000000

Hand dug area

Viewing Direction: East



Descriptive Photo - 4  
Viewing Direction: East  
Note: Area becomes compacted caliche after 3-4inches. Pick axes cannot be used this area due to the lines.  
Created: 9/26/2025 11:16:12 AM  
Location: 117750, 10490-100.000000

Area becomes compacted caliche after 3-4inches. Pick axes cannot be used this area due to the lines.

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Katrina Taylor

Signature:

A handwritten signature in black ink, appearing to be 'KT', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.

## Daily Site Visit Report



Client:	<u>XTO Energy Inc. (US)</u>	Incident ID #:	_____
Site Location Name:	<u>Corral Canyon 15 CVB</u>	API #:	_____
Inspection Date:	<u>9/30/2025</u>		_____

### Summary of Times

Arrived at Site	<u>9/30/2025 10:30 AM</u>
Departed Site	<u>9/30/2025 12:48 PM</u>

### Field Notes

- 10:39** Completed safety paperwork and received work authorization upon arrival
- 11:49** Marked out an 811 for the delineation of the deferral area
- 11:49** Collected 6 samples in the deferral area. The deferral area had been excavated to 0.25ft
- 12:31** Photographs of the deferral area are included in this DFR.
- 12:48** 811 called in on location. Ticket number: 25SE300554

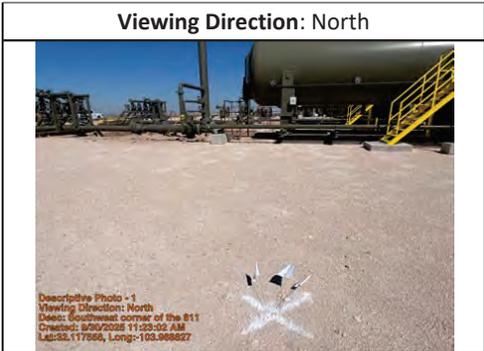
### Next Steps & Recommendations

1

# Daily Site Visit Report



## Site Photos



Southwest corner of the 811



Southeast corner of the 811



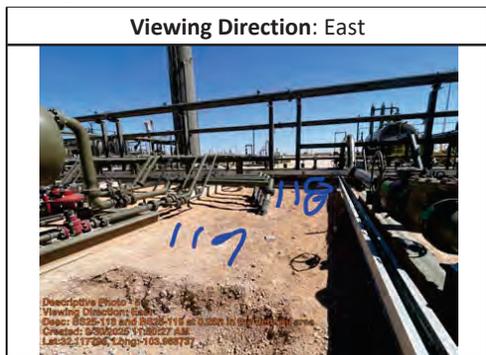
Northeast corner of the 811



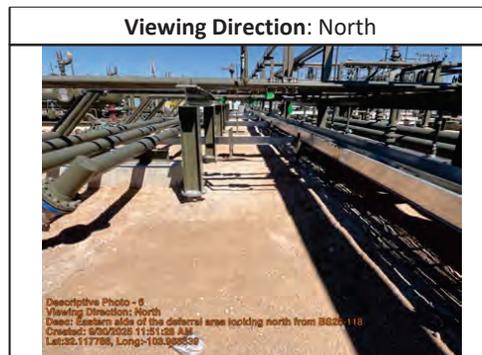
Northwest corner of the 811



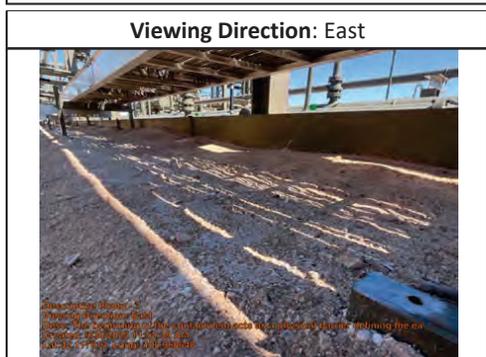
### Daily Site Visit Report



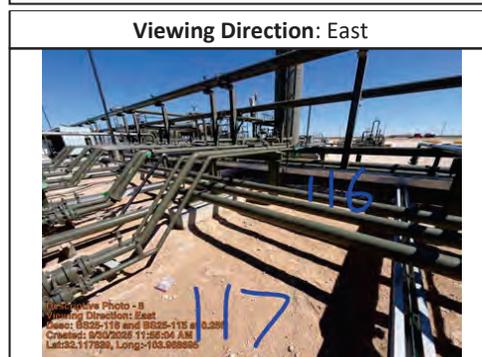
BS25-118 and BS25-119 at 0.25ft in the deferral area



Eastern side of the deferral area looking north from BS25-118

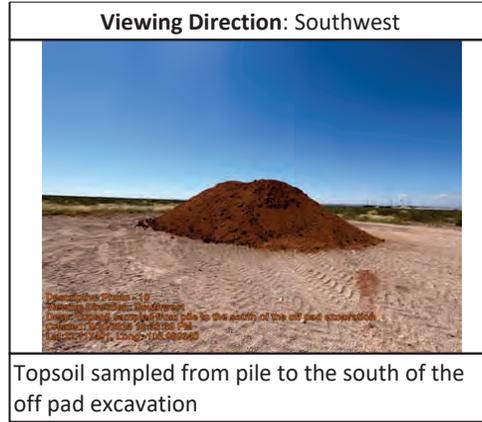
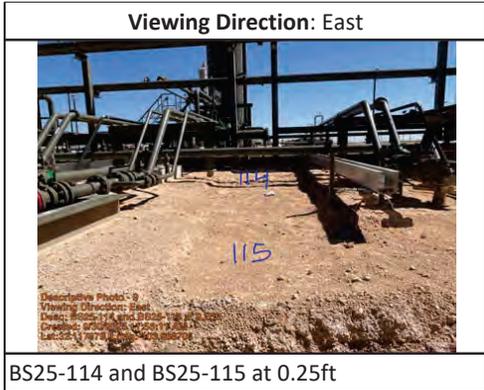


The beginning of the containment acts as a physical barrier defining the eastern side of the release area



BS25-116 and BS25-115 at 0.25ft

### Daily Site Visit Report



## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Katrina Taylor

Signature:

A handwritten signature in black ink, appearing to be 'KT', written over a horizontal line. Below the line, the word 'Signature' is printed in a small font.

### Daily Site Visit Report



Client:	<u>XTO Energy Inc. (US)</u>	Incident ID #:	_____
Site Location Name:	<u>Corral Canyon 15 CVB</u>	API #:	_____
Inspection Date:	<u>10/1/2025</u>		_____

#### Summary of Times

Arrived at Site	<u>10/1/2025 9:15 AM</u>
Departed Site	<u>10/1/2025 9:50 AM</u>

#### Field Notes

**9:38** Completed safety paperwork and received work authorization upon arrival **9:38** Collected BH25-20 at 0.25'

#### Next Steps & Recommendations

1

# Daily Site Visit Report



## Site Photos

**Viewing Direction: North**

Descriptive Photo - 1  
Viewing Direction: North  
Date: 8/25/18 at 0:20:57 south of the deferral area  
Created: 10/1/2025 9:43:28 AM  
Lat:32.117716, Long:-103.980758

BH25-20 at 0.25ft south of the deferral area

**Viewing Direction: East**

Descriptive Photo - 2  
Viewing Direction: East  
Date: Deferral area bracketed in green with the northern delineation point where  
Created: 10/1/2025 9:43:28 AM  
Lat:32.117716, Long:-103.980758

Deferral area bracketed in green with the southern delineation point where the blue arrow is

## Daily Site Visit Report



Daily Site Visit Signature

Inspector: Katrina Taylor

Signature:

  
Signature

## **APPENDIX D – Laboratory Data Reports and Chain of Custody Forms**



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

---

July 24, 2025

CHAD HENSLEY  
VERTEX RESOURCE  
3101 BOYD DRIVE  
CARLSBAD, NM 88220

RE: CORRAL CANYON 15 CVB

Enclosed are the results of analyses for samples received by the laboratory on 07/21/25 12:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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:	07/21/2025	Sampling Date:	07/14/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 01 @ 0' (H254369-01)**

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	07/23/2025	ND	2.09	104	2.00	1.20	
Toluene*	<0.050	0.050	07/23/2025	ND	2.13	106	2.00	1.37	
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.07	104	2.00	0.618	
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.08	101	6.00	0.542	
Total BTEX	<0.300	0.300	07/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	07/22/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	200	100	200	0.347	
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	193	96.7	200	0.386	
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND					

Surrogate: 1-Chlorooctane 78.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.5 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/21/2025	Sampling Date:	07/14/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 02 @ 0' (H254369-02)**

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	07/23/2025	ND	2.09	104	2.00	1.20		
Toluene*	<0.050	0.050	07/23/2025	ND	2.13	106	2.00	1.37		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.07	104	2.00	0.618		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.08	101	6.00	0.542		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/22/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	200	100	200	0.347		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	193	96.7	200	0.386		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 79.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.2 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/14/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 03 @ 0' (H254369-03)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	07/22/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	200	100	200	0.347		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	193	96.7	200	0.386		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 77.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.1 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/14/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 04 @ 0' (H254369-04)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	07/22/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	200	100	200	0.347		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	193	96.7	200	0.386		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 81.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.4 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/14/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 05 @ 0' (H254369-05)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/22/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 76.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.7 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/14/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 06 @ 0' (H254369-06)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/22/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 58.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 52.6 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/14/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 07 @ 0' (H254369-07)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/22/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 63.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 57.5 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/14/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 08 @ 0' (H254369-08)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 65.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 59.8 % 40.6-153

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**Analytical Results For:**

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

Received:	07/21/2025	Sampling Date:	07/15/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 09 @ 0' (H254369-09)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 71.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.2 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/15/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 10 @ 0' (H254369-10)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 53.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 46.6 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/21/2025	Sampling Date:	07/15/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 11 @ 0' (H254369-11)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 47.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 42.4 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/15/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 12 @ 0' (H254369-12)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 53.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 47.5 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/21/2025	Sampling Date:	07/15/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 13 @ 0' (H254369-13)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

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	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 59.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 53.1 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/21/2025	Sampling Date:	07/15/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 14 @ 0' (H254369-14)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 58.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 52.4 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/21/2025	Sampling Date:	07/15/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 15 @ 0' (H254369-15)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 71.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*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: <b>Vertex Resource</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																																																																					
Project Manager: <b>Chad Hensley</b>		P.O. #: <b>2263261001</b>		<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																																																																					
Address: <b>3101 Boyd drive</b>		Company: <b>Exxon/Mobil</b>																																																																							
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>		Attn: <b>Dale Woodall</b>																																																																							
Phone #: <b>575-200-6167</b> Fax #:		Address: <b>3104E Greene st</b>																																																																							
Project #: <b>25A-03850</b> Project Owner:		City: <b>Carlsbad</b>																																																																							
Project Name: <b>Corral canyon 15 LVB</b>		State: <b>NM</b> Zip: <b>88220</b>																																																																							
Project Location:		Phone #:																																																																							
Sampler Name: <b>Riley Arnold</b>		Fax #:																																																																							
FOR LAB USE ONLY																																																																									
Lab I.D.	Sample I.D.	(GRAB OR C)COMP # CONTAINERS	MATRIX	PRESERV.	SAMPLING																																																																				
			GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	ACID/BASE ICE / COOL OTHER	DATE	TIME																																																																			
<b>H254369</b>																																																																									
1	BH25-01 @ 0'	G 1	X	X	7.14.25	10:00	X	X	X																																																																
2	BH25-02 @ 0'					10:10																																																																			
3	BH25-03 @ 0'					10:22																																																																			
4	BH25-04 @ 0'					10:40																																																																			
5	BH25-05 @ 0'					11:20																																																																			
6	BH25-06 @ 0'					11:35																																																																			
7	BH25-07 @ 0'					12:00																																																																			
8	BH25-08 @ 0'					7.14.25	12:17																																																																		
9	BH25-09 @ 0'					7.15.25	10:15																																																																		
10	BH25-10 @ 0'					7.15.25	10:32																																																																		

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Relinquished By: <i>[Signature]</i>	Date: <b>7.14.25</b>	Received By: <i>[Signature]</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Time: <b>1235</b>	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One)	Observed Temp. °C <b>11.0</b>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	REMARKS: <b>Chensley@vertexresource.com</b>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <b>10.1</b>	CHECKED BY: <i>[Signature]</i>	Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>
FORM-000-R 3.0 02/12/23		Thermometer ID #140 Correction Factor +0.3°C	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

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

Page 18 of 19





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

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July 24, 2025

CHAD HENSLEY  
VERTEX RESOURCE  
3101 BOYD DRIVE  
CARLSBAD, NM 88220

RE: CORRAL CANYON 15 CVB

Enclosed are the results of analyses for samples received by the laboratory on 07/21/25 12:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 16 @ 0' (H254370-01)**

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	07/23/2025	ND	2.09	104	2.00	0.704	
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412	
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965	
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30	
Total BTEX	<0.300	0.300	07/23/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	34400	16.0	07/22/2025	ND	480	120	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964	
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND					

Surrogate: 1-Chlorooctane 72.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 67.7 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 16 @ 1' (H254370-02)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>640</b>	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 72.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 67.9 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 16 @ 2' (H254370-03)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 74.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.0 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 16 @ 3' (H254370-04)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 74.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.4 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 17 @ 0' (H254370-05)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20800	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 76.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.3 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 17 @ 1' R (H254370-06)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	992	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	185	92.5	200	3.27		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 68.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.5 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 18 @ 0' (H254370-07)**

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	07/23/2025	ND	2.09	104	2.00	0.704		
Toluene*	<0.050	0.050	07/23/2025	ND	2.14	107	2.00	0.412		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.10	105	2.00	0.965		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.20	103	6.00	1.30		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>21200</b>	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
<b>DRO &gt;C10-C28*</b>	<b>2160</b>	10.0	07/23/2025	ND	185	92.5	200	3.27		
<b>EXT DRO &gt;C28-C36</b>	<b>431</b>	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 72.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 18 @ 1' (H254370-08)**

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	07/23/2025	ND	2.11	106	2.00	1.68		
Toluene*	<0.050	0.050	07/23/2025	ND	2.15	107	2.00	1.29		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.11	106	2.00	1.76		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.21	104	6.00	1.88		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>5840</b>	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
<b>DRO &gt;C10-C28*</b>	<b>15.0</b>	10.0	07/23/2025	ND	185	92.5	200	3.27		
<b>EXT DRO &gt;C28-C36</b>	<b>18.5</b>	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 74.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.4 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 18 @ 1.5' R (H254370-09)**

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	07/23/2025	ND	2.11	106	2.00	1.68		
Toluene*	<0.050	0.050	07/23/2025	ND	2.15	107	2.00	1.29		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.11	106	2.00	1.76		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.21	104	6.00	1.88		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>6800</b>	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	183	91.7	200	0.964		
<b>DRO &gt;C10-C28*</b>	<b>83.0</b>	10.0	07/23/2025	ND	185	92.5	200	3.27		
<b>EXT DRO &gt;C28-C36</b>	<b>20.9</b>	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 73.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.2 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 19 @ 0' (H254370-10)**

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	07/23/2025	ND	2.11	106	2.00	1.68		
Toluene*	<0.050	0.050	07/23/2025	ND	2.15	107	2.00	1.29		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.11	106	2.00	1.76		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.21	104	6.00	1.88		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>41200</b>	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	205	103	200	0.571		
<b>DRO &gt;C10-C28*</b>	<b>10.4</b>	10.0	07/23/2025	ND	193	96.4	200	0.150		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 78.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.0 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 19 @ 1' (H254370-11)**

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	07/23/2025	ND	2.11	106	2.00	1.68		
Toluene*	<0.050	0.050	07/23/2025	ND	2.15	107	2.00	1.29		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.11	106	2.00	1.76		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.21	104	6.00	1.88		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1340</b>	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	205	103	200	0.571		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	193	96.4	200	0.150		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 67.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.0 % 40.6-153

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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:	07/21/2025	Sampling Date:	07/17/2025
Reported:	07/24/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BH25 - 19 @ 1.5' R (H254370-12)**

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	07/23/2025	ND	2.11	106	2.00	1.68		
Toluene*	<0.050	0.050	07/23/2025	ND	2.15	107	2.00	1.29		
Ethylbenzene*	<0.050	0.050	07/23/2025	ND	2.11	106	2.00	1.76		
Total Xylenes*	<0.150	0.150	07/23/2025	ND	6.21	104	6.00	1.88		
Total BTEX	<0.300	0.300	07/23/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	672	16.0	07/22/2025	ND	480	120	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/23/2025	ND	205	103	200	0.571		
DRO >C10-C28*	<10.0	10.0	07/23/2025	ND	193	96.4	200	0.150		
EXT DRO >C28-C36	<10.0	10.0	07/23/2025	ND						

Surrogate: 1-Chlorooctane 74.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.3 % 40.6-153

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Notes and Definitions

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

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*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: <b>Vertex Resource</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																						
Project Manager: <b>Chad Hensley</b>		P.O. #: <b>2263261001</b>																								
Address: <b>3101 Boyd drive</b>		Company: <b>ExxonMobil</b>																								
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>		Attn: <b>Dale Woodall</b>																								
Phone #: <b>575-200-6167</b> Fax #:		Address: <b>3104 E Greene St</b>																								
Project #: <b>25A-03850</b> Project Owner:		City: <b>Carlsbad</b>																								
Project Name: <b>Costal canyon 15 CVB</b>		State: <b>NM</b> Zip: <b>88220</b>																								
Project Location:		Phone #:																								
Sampler Name: <b>Riley Arnold</b>		Fax #:																								
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX				PRESERV.	SAMPLING																
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	BTEX	TPH	Chloride								
	<b>H254370</b>																									
		<b>1 BH25-16 @ 0'</b>	<b>G</b>	<b>1</b>			<b>X</b>					<b>X</b>		<b>7.17.25</b>	<b>10:15</b>	<b>X</b>	<b>X</b>	<b>X</b>								
		<b>2 BH25-16 @ 1'</b>													<b>10:27</b>											
		<b>3 BH25-16 @ 2'</b>													<b>10:38</b>											
		<b>4 BH25-16 @ 3'</b>													<b>10:50</b>											
		<b>5 BH25-17 @ 0'</b>													<b>11:05</b>											
		<b>6 BH25-17 @ 1'R</b>													<b>11:15</b>											
		<b>7 BH25-18 @ 0'</b>													<b>11:27</b>											
		<b>8 BH25-18 @ 1'</b>													<b>11:40</b>											
		<b>9 BH25-18 @ 1.5'R</b>													<b>12:02</b>											
		<b>10 BH25-19 @ 0'</b>													<b>12:15</b>											

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Relinquished By:	Date: <b>7.17.25</b>	Received By:	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date: <b>7.17.25</b>	Received By:	All Results are emailed. Please provide Email address:
			<b>Chensley@vertexresource.com</b>
Delivered By: (Circle One) Sampler - UPS - Bus - Other:			REMARKS:
Observed Temp. °C: <b>16.2</b>	Sample Condition: <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact	CHECKED BY:	Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush
Corrected Temp. °C: <b>16.2</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Bacteria (only) Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			Thermometer ID: <b>#113</b>
			Correction Factor: <b>0.0°C + 0.3</b>

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

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

2

Company Name: <u>Vertex Resource</u>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>													
Project Manager: <u>Chad Hensley</u>		P.O. #: <u>2263261001</u>															
Address:		Company: <u>Exxon Mobil</u>															
City:	State:	Zip:	Attn: <u>Dale Woodall</u>														
Phone #:	Fax #:	Address:															
Project #: <u>25A-03850</u>	Project Owner:		City:														
Project Name: <u>Costal Canyon 15 CV8</u>		State:	Zip:														
Project Location:		Phone #:															
Sampler Name: <u>Riley Arnold</u>		Fax #:															
Lab I.D.	Sample I.D.	GRAB OR (C)OMP	# CONTAINERS	MATRIX				PRESERV.	SAMPLING								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME			
<u>H254390</u>																	
<u>11</u>	<u>BH25-19 @ 1'</u>	<u>G</u>	<u>1</u>			<u>X</u>							<u>7.17.25</u>	<u>12:30</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>12</u>	<u>BH25-19 @ 1.5'R</u>	<u>I</u>	<u>1</u>			<u>I</u>							<u>12:47</u>		<u>I</u>	<u>I</u>	<u>I</u>

BTEX  
TPH  
chloride

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Relinquished By: <u>[Signature]</u>	Date: <u>7-21-25</u> Time: <u>1:25</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Add'l Phone #: All Results are emailed. Please provide Email address: <u>Chensley@VertexResource.com</u>
Relinquished By:	Date:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: <u>14.1</u> Corrected Temp. °C: <u>14.1</u>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/> Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C

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

August 22, 2025

CHAD HENSLEY  
VERTEX RESOURCE  
3101 BOYD DRIVE  
CARLSBAD, NM 88220

RE: CORRAL CANYON 15 CVB

Enclosed are the results of analyses for samples received by the laboratory on 08/18/25 12:45.

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](http://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,

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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 11 @ 2' (H255105-01)**

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	08/19/2025	ND	1.83	91.4	2.00	7.17	
Toluene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.93	
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.09	
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.71	95.2	6.00	5.96	
Total BTEX	<0.300	0.300	08/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/20/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2	
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND					

Surrogate: 1-Chlorooctane 60.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.5 % 40.6-153

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**Analytical Results For:**

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

Received:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 12 @ 2' (H255105-02)**

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	08/19/2025	ND	1.83	91.4	2.00	7.17		
Toluene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.93		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.09		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.71	95.2	6.00	5.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/20/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 67.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.8 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 13 @ 2' (H255105-03)**

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	08/19/2025	ND	1.83	91.4	2.00	7.17		
Toluene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.93		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.09		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.71	95.2	6.00	5.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/20/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 75.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.5 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 14 @ 2' (H255105-04)**

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	08/19/2025	ND	1.83	91.4	2.00	7.17		
Toluene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.93		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.09		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.71	95.2	6.00	5.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/20/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 85.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.9 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 15 @ 2' (H255105-05)**

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	08/19/2025	ND	1.83	91.4	2.00	7.17		
Toluene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.93		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	1.88	94.2	2.00	6.09		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	5.71	95.2	6.00	5.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 75.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.9 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 01 @ 0-2' (H255105-06)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6	
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35	
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64	
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96	
Total BTEX	<0.300	0.300	08/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/19/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2	
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND					

Surrogate: 1-Chlorooctane 70.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.0 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 02 @ 0-2' (H255105-07)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6	
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35	
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64	
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96	
Total BTEX	<0.300	0.300	08/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/19/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2	
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND					

Surrogate: 1-Chlorooctane 86.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.5 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 03 @ 0-2' (H255105-08)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6	
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35	
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64	
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96	
Total BTEX	<0.300	0.300	08/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/19/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2	
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.7 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 04 @ 0-2' (H255105-09)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6	
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35	
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64	
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96	
Total BTEX	<0.300	0.300	08/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/19/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2	
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND					

Surrogate: 1-Chlorooctane 66.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.1 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 05 @ 0-2' (H255105-10)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6	
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35	
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64	
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96	
Total BTEX	<0.300	0.300	08/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/19/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2	
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2	
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND					

Surrogate: 1-Chlorooctane 82.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.7 % 40.6-153

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**Analytical Results For:**

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

Received:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 01 @ 2' (H255105-11)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 89.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.0 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 02 @ 2' (H255105-12)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 93.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.7 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 03 @ 2' (H255105-13)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	196	97.8	200	11.2		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	197	98.3	200	10.2		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 79.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.9 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 04 @ 2' (H255105-14)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	185	92.6	200	2.89		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	175	87.5	200	3.54		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 90.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.6 % 40.6-153

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 05 @ 2' (H255105-15)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	185	92.6	200	2.89		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	175	87.5	200	3.54		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 119 % 44.4-145

Surrogate: 1-Chlorooctadecane 120 % 40.6-153

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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: 08/18/2025  
 Reported: 08/22/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 08/14/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS25 - 06 @ 2' (H255105-16)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	185	92.6	200	2.89		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	175	87.5	200	3.54		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 97.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.2 % 40.6-153

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**Analytical Results For:**

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

Received:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 07 @ 2' (H255105-17)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	185	92.6	200	2.89		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	175	87.5	200	3.54		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 80.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.0 % 40.6-153

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**Analytical Results For:**

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

Received:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 08 @ 2' (H255105-18)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	185	92.6	200	2.89		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	175	87.5	200	3.54		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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**Analytical Results For:**

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

Received:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 09 @ 2' (H255105-19)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	185	92.6	200	2.89		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	175	87.5	200	3.54		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 10 @ 2' (H255105-20)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	185	92.6	200	2.89		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	175	87.5	200	3.54		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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\*=Accredited Analyte

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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:	08/18/2025	Sampling Date:	08/14/2025
Reported:	08/22/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 16 @ 2' (H255105-21)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	185	92.6	200	2.89		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	175	87.5	200	3.54		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 111 % 40.6-153

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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: 08/18/2025  
 Reported: 08/22/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 08/14/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS25 - 17 @ 2' (H255105-22)**

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	08/19/2025	ND	1.85	92.7	2.00	10.6		
Toluene*	<0.050	0.050	08/19/2025	ND	2.07	104	2.00	7.35		
Ethylbenzene*	<0.050	0.050	08/19/2025	ND	2.16	108	2.00	7.64		
Total Xylenes*	<0.150	0.150	08/19/2025	ND	6.72	112	6.00	7.96		
Total BTEX	<0.300	0.300	08/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	08/19/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/18/2025	ND	185	92.6	200	2.89		
DRO >C10-C28*	<10.0	10.0	08/18/2025	ND	175	87.5	200	3.54		
EXT DRO >C28-C36	<10.0	10.0	08/18/2025	ND						

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 111 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*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: <i>Vertex Resource</i>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																																																																					
Project Manager: <i>Chad Hensley</i>		P.O. #: <i>2263261001</i>		<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																																																																					
Address:		Company: <i>ExxonMobil</i>																																																																							
City:	State:	Zip:	Attn: <i>Dale Woodall</i>																																																																						
Phone #:	Fax #:		Address:																																																																						
Project #: <i>25A-03850</i>	Project Owner:		City:																																																																						
Project Name: <i>Corral Canyon 15 CVB</i>		State:		Zip:																																																																					
Project Location:		Phone #:																																																																							
Sampler Name: <i>Riley Arnold</i>		Fax #:																																																																							
FOR LAB USE ONLY																																																																									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX	PRESERV.	SAMPLING																																																																				
			GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	ACID/BASE ICE / COOL OTHER	DATE	TIME																																																																			
<i>H255105</i>				<input checked="" type="checkbox"/>			<i>BTEX</i>																																																																		
<i>1</i>	<i>BS25-11 @ 2'</i>	<i>C</i>	<i>X</i>		<i>8.14.25</i>	<i>11:00</i>	<i>X</i>																																																																		
<i>2</i>	<i>BS25-12 @ 2'</i>					<i>11:15</i>	<i>X</i>																																																																		
<i>3</i>	<i>BS25-13 @ 2'</i>					<i>11:22</i>																																																																			
<i>4</i>	<i>BS25-14 @ 2'</i>					<i>11:30</i>																																																																			
<i>5</i>	<i>BS25-15 @ 2'</i>					<i>11:39</i>																																																																			
<i>6</i>	<i>WS25-01 @ 0-2'</i>					<i>11:46</i>																																																																			
<i>7</i>	<i>WS25-02 @ 0-2'</i>					<i>11:52</i>																																																																			
<i>8</i>	<i>WS25-03 @ 0-2'</i>					<i>12:00</i>																																																																			
<i>9</i>	<i>WS25-04 @ 0-2'</i>					<i>12:15</i>																																																																			
<i>10</i>	<i>WS25-05 @ 0-2'</i>					<i>12:26</i>																																																																			

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Relinquished By: <i>[Signature]</i>	Date: <i>8-18-25</i>	Received By: <i>[Signature]</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <i>1245</i>		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	<i>Chensley@vertexresource.com</i>
	Time:		REMARKS: <i>Rarnold@vertexresource.com</i>
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <i>2.5</i>	Sample Condition Cool Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>
	Corrected Temp. °C <i>2.8</i>	Checked By: (Initials) <i>yo</i>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
			Thermometer ID #140 Correction Factor +0.3°C <input type="checkbox"/> No <input type="checkbox"/> Yes Corrected Temp. °C

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

Page 25 of 27







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

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September 04, 2025

CHAD HENSLEY  
VERTEX RESOURCE  
3101 BOYD DRIVE  
CARLSBAD, NM 88220

RE: CORRAL CANYON 15 CVB

Enclosed are the results of analyses for samples received by the laboratory on 08/28/25 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](http://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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 18 @ 2' (H255384-01)**

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	08/29/2025	ND	1.75	87.3	2.00	2.36	
Toluene*	<0.050	0.050	08/29/2025	ND	1.91	95.6	2.00	1.47	
Ethylbenzene*	<0.050	0.050	08/29/2025	ND	1.94	97.1	2.00	0.438	
Total Xylenes*	<0.150	0.150	08/29/2025	ND	5.72	95.4	6.00	0.227	
Total BTEX	<0.300	0.300	08/29/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/29/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	187	93.4	200	0.108	
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	183	91.3	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.0 % 40.6-153

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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: 08/28/2025  
 Reported: 09/04/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 08/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 25 - 19 @ 2' (H255384-02)**

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	08/29/2025	ND	1.75	87.3	2.00	2.36		
Toluene*	<0.050	0.050	08/29/2025	ND	1.91	95.6	2.00	1.47		
Ethylbenzene*	<0.050	0.050	08/29/2025	ND	1.94	97.1	2.00	0.438		
Total Xylenes*	<0.150	0.150	08/29/2025	ND	5.72	95.4	6.00	0.227		
Total BTEX	<0.300	0.300	08/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>144</b>	16.0	08/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	187	93.4	200	0.108		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	183	91.3	200	2.62		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 85.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.3 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 20 @ 2' (H255384-03)**

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	08/29/2025	ND	1.75	87.3	2.00	2.36		
Toluene*	<0.050	0.050	08/29/2025	ND	1.91	95.6	2.00	1.47		
Ethylbenzene*	<0.050	0.050	08/29/2025	ND	1.94	97.1	2.00	0.438		
Total Xylenes*	<0.150	0.150	08/29/2025	ND	5.72	95.4	6.00	0.227		
Total BTEX	<0.300	0.300	08/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	187	93.4	200	0.108		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	183	91.3	200	2.62		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 82.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.8 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 21 @ 2' (H255384-04)**

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	08/29/2025	ND	1.75	87.3	2.00	2.36		
Toluene*	<0.050	0.050	08/29/2025	ND	1.91	95.6	2.00	1.47		
Ethylbenzene*	<0.050	0.050	08/29/2025	ND	1.94	97.1	2.00	0.438		
Total Xylenes*	<0.150	0.150	08/29/2025	ND	5.72	95.4	6.00	0.227		
Total BTEX	<0.300	0.300	08/29/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	08/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	187	93.4	200	0.108		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	183	91.3	200	2.62		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 84.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.9 % 40.6-153

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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: 08/28/2025  
 Reported: 09/04/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 08/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 25 - 22 @ 2' (H255384-05)**

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	08/30/2025	ND	1.75	87.3	2.00	2.36		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	1.47		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.94	97.1	2.00	0.438		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.72	95.4	6.00	0.227		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	187	93.4	200	0.108		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	183	91.3	200	2.62		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 84.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.4 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 23 @ 2' (H255384-06)**

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	08/30/2025	ND	1.75	87.3	2.00	2.36	
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	1.47	
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.94	97.1	2.00	0.438	
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.72	95.4	6.00	0.227	
Total BTEX	<0.300	0.300	08/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	08/29/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	187	93.4	200	0.108	
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	183	91.3	200	2.62	
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.2 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 24 @ 2' (H255384-07)**

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	08/30/2025	ND	1.75	87.3	2.00	2.36		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	1.47		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.94	97.1	2.00	0.438		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.72	95.4	6.00	0.227		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	187	93.4	200	0.108		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	183	91.3	200	2.62		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.4 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 25 @ 2' (H255384-08)**

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	08/30/2025	ND	1.75	87.3	2.00	2.36		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	1.47		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.94	97.1	2.00	0.438		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.72	95.4	6.00	0.227		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	187	93.4	200	0.108		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	183	91.3	200	2.62		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 83.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 26 @ 2' (H255384-09)**

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	08/30/2025	ND	1.75	87.3	2.00	2.36		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	1.47		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.94	97.1	2.00	0.438		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.72	95.4	6.00	0.227		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	08/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	187	93.4	200	0.108		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	183	91.3	200	2.62		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 90.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.2 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 27 @ 2' (H255384-10)**

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	08/30/2025	ND	1.75	87.3	2.00	2.36	
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	1.47	
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.94	97.1	2.00	0.438	
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.72	95.4	6.00	0.227	
Total BTEX	<0.300	0.300	08/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/29/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	198	99.2	200	2.38	
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	209	105	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.5 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 28 @ 2' (H255384-11)**

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	08/30/2025	ND	1.75	87.3	2.00	2.36	
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	1.47	
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.94	97.1	2.00	0.438	
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.72	95.4	6.00	0.227	
Total BTEX	<0.300	0.300	08/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

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	08/29/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	198	99.2	200	2.38	
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	209	105	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.3 % 40.6-153

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\*=Accredited Analyte

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 29 @ 2' (H255384-12)**

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	08/30/2025	ND	1.75	87.3	2.00	2.36		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	1.47		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.94	97.1	2.00	0.438		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.72	95.4	6.00	0.227		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	08/29/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	198	99.2	200	2.38		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	209	105	200	1.58		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 67.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 64.4 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 30 @ 2' (H255384-13)**

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	08/30/2025	ND	1.75	87.3	2.00	2.36	
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	1.47	
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.94	97.1	2.00	0.438	
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.72	95.4	6.00	0.227	
Total BTEX	<0.300	0.300	08/30/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/29/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	198	99.2	200	2.38	
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	209	105	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND					

Surrogate: 1-Chlorooctane 85.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.0 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 31 @ 2' (H255384-14)**

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	08/30/2025	ND	1.79	89.7	2.00	9.21		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	8.79		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.95	97.3	2.00	6.94		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.78	96.3	6.00	6.35		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	198	99.2	200	2.38		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	209	105	200	1.58		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 74.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.6 % 40.6-153

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**Analytical Results For:**

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

Received: 08/28/2025  
 Reported: 09/04/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 08/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 25 - 32 @ 2' (H255384-15)**

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	08/30/2025	ND	1.79	89.7	2.00	9.21		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	8.79		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.95	97.3	2.00	6.94		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.78	96.3	6.00	6.35		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	189	94.4	200	0.0307		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	190	94.8	200	0.448		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 83.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.5 % 40.6-153

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**Analytical Results For:**

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

Received:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 33 @ 2' (H255384-16)**

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	08/30/2025	ND	1.79	89.7	2.00	9.21		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	8.79		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.95	97.3	2.00	6.94		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.78	96.3	6.00	6.35		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	189	94.4	200	0.0307		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	190	94.8	200	0.448		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 89.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.7 % 40.6-153

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**Analytical Results For:**

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

Received:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 34 @ 2' (H255384-17)**

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	08/30/2025	ND	1.79	89.7	2.00	9.21		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	8.79		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.95	97.3	2.00	6.94		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.78	96.3	6.00	6.35		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

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	08/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	189	94.4	200	0.0307		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	190	94.8	200	0.448		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 89.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.4 % 40.6-153

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**Analytical Results For:**

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

Received:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 35 @ 2' (H255384-18)**

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	08/30/2025	ND	1.79	89.7	2.00	9.21		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	8.79		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.95	97.3	2.00	6.94		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.78	96.3	6.00	6.35		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	189	94.4	200	0.0307		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	190	94.8	200	0.448		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 77.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.7 % 40.6-153

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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: 08/28/2025  
 Reported: 09/04/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 08/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 25 - 36 @ 2' (H255384-19)**

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	08/30/2025	ND	1.79	89.7	2.00	9.21		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	8.79		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.95	97.3	2.00	6.94		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.78	96.3	6.00	6.35		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	189	94.4	200	0.0307		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	190	94.8	200	0.448		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 87.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.3 % 40.6-153

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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: 08/28/2025  
 Reported: 09/04/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 08/27/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 25 - 37 @ 2' (H255384-20)**

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	08/30/2025	ND	1.79	89.7	2.00	9.21		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	8.79		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.95	97.3	2.00	6.94		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.78	96.3	6.00	6.35		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	189	94.4	200	0.0307		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	190	94.8	200	0.448		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 67.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.1 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 38 @ 2' (H255384-21)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/30/2025	ND	1.79	89.7	2.00	9.21		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	8.79		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.95	97.3	2.00	6.94		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.78	96.3	6.00	6.35		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	08/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	189	94.4	200	0.0307		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	190	94.8	200	0.448		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 73.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.8 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 39 @ 2' (H255384-22)**

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	08/30/2025	ND	1.79	89.7	2.00	9.21		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	8.79		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.95	97.3	2.00	6.94		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.78	96.3	6.00	6.35		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	08/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	189	94.4	200	0.0307		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	190	94.8	200	0.448		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 79.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.7 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 40 @ 2' (H255384-23)**

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	08/30/2025	ND	1.79	89.7	2.00	9.21		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	8.79		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.95	97.3	2.00	6.94		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.78	96.3	6.00	6.35		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	189	94.4	200	0.0307		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	190	94.8	200	0.448		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 75.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.4 % 40.6-153

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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:	08/28/2025	Sampling Date:	08/27/2025
Reported:	09/04/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 41 @ 2' (H255384-24)**

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	08/30/2025	ND	1.79	89.7	2.00	9.21		
Toluene*	<0.050	0.050	08/30/2025	ND	1.91	95.6	2.00	8.79		
Ethylbenzene*	<0.050	0.050	08/30/2025	ND	1.95	97.3	2.00	6.94		
Total Xylenes*	<0.150	0.150	08/30/2025	ND	5.78	96.3	6.00	6.35		
Total BTEX	<0.300	0.300	08/30/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/29/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	08/29/2025	ND	189	94.4	200	0.0307		
DRO >C10-C28*	<10.0	10.0	08/29/2025	ND	190	94.8	200	0.448		
EXT DRO >C28-C36	<10.0	10.0	08/29/2025	ND						

Surrogate: 1-Chlorooctane 76.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*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: <i>Vertex Resource</i>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>							
Project Manager: <i>Chad Hensley</i>		P.O. #: <i>2263261001</i>									
Address: <i>3101 Boyd drive</i>		Company: <i>Exxon Mobil</i>									
City: <i>Carlsbad</i> State: <i>NM</i> Zip: <i>88220</i>		Attn: <i>Dale Woodall</i>									
Phone #: <i>575-200-6167</i> Fax #:		Address: <i>3104 E Greene St</i>									
Project #: <i>25A-03850</i> Project Owner:		City: <i>Carlsbad</i>									
Project Name: <i>Coral Canyon 15 CVB</i>		State: <i>NM</i> Zip: <i>88220</i>									
Project Location:		Phone #:									
Sampler Name: <i>Riley Arnold</i>		Fax #:									
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:					PRESERV. ACID/BASE ICE / COOL OTHER:	SAMPLING DATE	TIME	BTEX
<i>H255384</i>	<i>B525-18 @ 2'</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>8.27.25</i>	<i>9:30</i>	<i>X</i>	<i>X</i>	<i>X</i>		
<i>2</i>	<i>B525-19 @ 2'</i>					<i>9:35</i>					
<i>3</i>	<i>B525-20 @ 2'</i>					<i>9:40</i>					
<i>4</i>	<i>B525-21 @ 2'</i>					<i>9:43</i>					
<i>5</i>	<i>B525-22 @ 2'</i>					<i>9:50</i>					
<i>6</i>	<i>B525-23 @ 2'</i>					<i>9:56</i>					
<i>7</i>	<i>B525-24 @ 2'</i>					<i>10:02</i>					
<i>8</i>	<i>B525-25 @ 2'</i>					<i>10:10</i>					
<i>9</i>	<i>B525-26 @ 2'</i>					<i>10:14</i>					
<i>10</i>	<i>B525-27 @ 2'</i>					<i>10:20</i>					

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Relinquished By: <i>[Signature]</i>	Date: <i>8.28.25</i>	Received By: <i>[Signature]</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Time: <i>7:30</i>	Received By:	All Results are emailed. Please provide Email address: <i>Rarnold@VertexResource.com</i>
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <i>1.7</i>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	REMARKS: <i>Chensley@vertexresource.com</i>
	Corrected Temp. °C <i>5.0</i>	CHECKED BY: (Initials) <i>[Signature]</i>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
		Thermometer ID #140 Correction Factor <i>-0.3°C +0.3°C</i>	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C

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

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: <i>Vertex Resource</i>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>													
Project Manager: <i>Chad Hensley</i>		P.O. #: <i>2263261001</i>															
Address: <i>3101 Boyd drive</i>		Company: <i>Exxon Mobil</i>															
City: <i>Carlsbad</i> State: <i>NM</i> Zip: <i>88220</i>		Attn: <i>Dale Woodall</i>															
Phone #: <i>575-200-6167</i> Fax #:		Address: <i>3104 E Green St</i>															
Project #: <i>25A-03850</i> Project Owner:		City: <i>Carlsbad</i>															
Project Name: <i>Coral Canyon 15 CV3</i>		State: <i>NM</i> Zip: <i>88220</i>															
Project Location:		Phone #:															
Sampler Name: <i>Riley Arnold</i>		Fax #:															
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(GRAB OR C) / # CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME									
				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	ACID/BASE ICE / COOL OTHER												
	<i>H255384</i>	<i>B525-28 @ 2'</i>	<i>C 1</i>	<i>X</i>	<i>X</i>		<i>8.27.25</i>	<i>10:26</i>	<i>X</i>	<i>X</i>	<i>X</i>						
		<i>B525-29 @ 2'</i>						<i>10:30</i>									
		<i>B525-30 @ 2'</i>						<i>10:34</i>									
		<i>B525-31 @ 2'</i>						<i>10:40</i>									
		<i>B525-32 @ 2'</i>						<i>10:48</i>									
		<i>B525-33 @ 2'</i>						<i>10:56</i>									
		<i>B525-34 @ 2'</i>						<i>11:02</i>									
		<i>B525-35 @ 2'</i>						<i>11:10</i>									
		<i>B525-36 @ 2'</i>						<i>11:16</i>									
		<i>B525-37 @ 2'</i>						<i>11:21</i>									

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Relinquished By: <i>[Signature]</i>	Date: <i>8-28-25</i>	Received By: <i>[Signature]</i>	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date: <i>1430</i>	Received By:	All Results are emailed. Please provide Email address: <i>Rarnold@VertexResource.com</i>
Delivered By: (Circle One)	Observed Temp. °C: <i>17</i>	Sample Condition: <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact	REMARKS:
Sampler - UPS - Bus - Other:	Corrected Temp. °C: <i>20</i>	Checked By: <i>[Signature]</i>	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
		Thermometer ID #140	Bacteria (only) Sample Condition
		Correction Factor: <i>+0.30</i>	Cool Intact Observed Temp. °C
			<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Page 29 of 29

Company Name: <u>Vertex Resource</u> Project Manager: <u>Chad Hensley</u> Address: <u>3101 Boyd drive</u> City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u> Phone #: <u>575-200-6167</u> Fax #: Project #: <u>25A-03850</u> Project Owner: Project Name: <u>Coral canyon 15 CV3</u> Project Location: Sampler Name: <u>Riley Arnold</u>		<b>BILL TO</b> P.O. #: <u>2263261001</u> Company: <u>Exxon Mobil</u> Attn: <u>Dale Woodall</u> Address: <u>3104 E Green St</u> City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u> Phone #: Fax #:		<b>ANALYSIS REQUEST</b>							
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G/RAB OR C/OMP) # CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	BTEX	TPH	chloride
	<u>H255384</u>			GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	ACID/BASE ICE / COOL OTHER						
	<u>21</u>	<u>8525-38 @ 2'</u>	<u>1</u>	<u>X</u>	<u>X</u>		<u>8.27.25</u>	<u>11:30</u>	<u>X</u>	<u>X</u>	<u>X</u>
	<u>22</u>	<u>8525-39 @ 2'</u>	<u>1</u>					<u>11:35</u>			
	<u>23</u>	<u>8525-40 @ 2'</u>	<u>1</u>					<u>11:39</u>			
	<u>24</u>	<u>8525-41 @ 2'</u>	<u>1</u>					<u>11:45</u>			

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Relinquished By: <u>[Signature]</u> Date: <u>8-28-25</u> Time: <u>1430</u>	Received By: <u>[Signature]</u> Date: _____ Time: _____	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: <u>Rarnold@VertexResource.com</u> REMARKS: <u>Chensley@vertexresource.com</u>
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: <u>1.7</u> Corrected Temp. °C: <u>2.0</u>	Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials) <u>[Signature]</u>
Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush Thermometer ID #140 Correction Factor: <u>-0.3°C</u> <u>+0.3°C</u>		Bacteria (only) Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C: _____ Corrected Temp. °C: _____



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

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September 08, 2025

CHAD HENSLEY  
VERTEX RESOURCE  
3101 BOYD DRIVE  
CARLSBAD, NM 88220

RE: CORRAL CANYON 15 CVB

Enclosed are the results of analyses for samples received by the laboratory on 09/02/25 14:10.

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](http://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



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**Analytical Results For:**

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

Received:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 42 @ 2' (H255426-01)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4	QM-07	
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7	QM-07	
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03	QM-07	
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 93.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.8 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 43 @ 2' (H255426-02)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 78.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 68.7 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 44 @ 2' (H255426-03)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 91.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.6 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 45 @ 2' (H255426-04)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 86.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.5 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 46 @ 2' (H255426-05)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 87.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.6 % 40.6-153

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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: 09/02/2025  
 Reported: 09/08/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 08/28/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS25 - 47 @ 2' (H255426-06)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 94.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.6 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 48 @ 2' (H255426-07)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

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	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 78.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 69.6 % 40.6-153

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 49 @ 2' (H255426-08)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<b>240</b>	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.3 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 50 @ 2' (H255426-09)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 91.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.9 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 51 @ 2' (H255426-10)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 90.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 81.9 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 52 @ 2' (H255426-11)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 92.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.0 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 53 @ 2' (H255426-12)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 90.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.7 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 54 @ 2' (H255426-13)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 91.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.7 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 55 @ 2' (H255426-14)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 88.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.6 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 56 @ 2' (H255426-15)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 97.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.6 % 40.6-153

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**Analytical Results For:**

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

Received: 09/02/2025  
 Reported: 09/08/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 08/28/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS25 - 57 @ 2' (H255426-16)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 91.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.9 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 06 @ 0-2' (H255426-17)**

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	09/02/2025	ND	1.91	95.4	2.00	28.4		
Toluene*	<0.050	0.050	09/02/2025	ND	2.00	99.9	2.00	12.7		
Ethylbenzene*	<0.050	0.050	09/02/2025	ND	2.00	100	2.00	5.03		
Total Xylenes*	<0.150	0.150	09/02/2025	ND	6.12	102	6.00	3.93		
Total BTEX	<0.300	0.300	09/02/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 96.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.9 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 07 @ 0-2' (H255426-18)**

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	09/03/2025	ND	1.90	95.0	2.00	4.48	
Toluene*	<0.050	0.050	09/03/2025	ND	1.87	93.5	2.00	4.49	
Ethylbenzene*	<0.050	0.050	09/03/2025	ND	1.82	91.0	2.00	4.38	
Total Xylenes*	<0.150	0.150	09/03/2025	ND	5.72	95.3	6.00	3.99	
Total BTEX	<0.300	0.300	09/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	09/03/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51	
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND					

Surrogate: 1-Chlorooctane 70.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 63.0 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 08 @ 0-2' (H255426-19)**

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	09/03/2025	ND	1.90	95.0	2.00	4.48		
Toluene*	<0.050	0.050	09/03/2025	ND	1.87	93.5	2.00	4.49		
Ethylbenzene*	<0.050	0.050	09/03/2025	ND	1.82	91.0	2.00	4.38		
Total Xylenes*	<0.150	0.150	09/03/2025	ND	5.72	95.3	6.00	3.99		
Total BTEX	<0.300	0.300	09/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>80.0</b>	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 91.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.6 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 09 @ 0-2' (H255426-20)**

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	09/03/2025	ND	1.90	95.0	2.00	4.48		
Toluene*	<0.050	0.050	09/03/2025	ND	1.87	93.5	2.00	4.49		
Ethylbenzene*	<0.050	0.050	09/03/2025	ND	1.82	91.0	2.00	4.38		
Total Xylenes*	<0.150	0.150	09/03/2025	ND	5.72	95.3	6.00	3.99		
Total BTEX	<0.300	0.300	09/03/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/03/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	192	96.0	200	2.51		
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	195	97.5	200	3.15		
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND						

Surrogate: 1-Chlorooctane 96.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.3 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 10 (H255426-21)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/03/2025	ND	1.97	98.7	2.00	1.98	
Toluene*	<0.050	0.050	09/03/2025	ND	1.98	98.8	2.00	2.26	
Ethylbenzene*	<0.050	0.050	09/03/2025	ND	1.94	96.9	2.00	2.44	
Total Xylenes*	<0.150	0.150	09/03/2025	ND	5.72	95.4	6.00	2.34	
Total BTEX	<0.300	0.300	09/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	09/03/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	206	103	200	2.08	
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	211	106	200	0.817	
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.9 % 40.6-153

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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:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 11 (H255426-22)**

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	09/03/2025	ND	1.97	98.7	2.00	1.98	
Toluene*	<0.050	0.050	09/03/2025	ND	1.98	98.8	2.00	2.26	
Ethylbenzene*	<0.050	0.050	09/03/2025	ND	1.94	96.9	2.00	2.44	
Total Xylenes*	<0.150	0.150	09/03/2025	ND	5.72	95.4	6.00	2.34	
Total BTEX	<0.300	0.300	09/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>240</b>	16.0	09/03/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	206	103	200	2.08	
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	211	106	200	0.817	
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND					

Surrogate: 1-Chlorooctane 92.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.6 % 40.6-153

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**Analytical Results For:**

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

Received:	09/02/2025	Sampling Date:	08/28/2025
Reported:	09/08/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 12 (H255426-23)**

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	09/03/2025	ND	1.97	98.7	2.00	1.98	
Toluene*	<0.050	0.050	09/03/2025	ND	1.98	98.8	2.00	2.26	
Ethylbenzene*	<0.050	0.050	09/03/2025	ND	1.94	96.9	2.00	2.44	
Total Xylenes*	<0.150	0.150	09/03/2025	ND	5.72	95.4	6.00	2.34	
Total BTEX	<0.300	0.300	09/03/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>112</b>	16.0	09/03/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/02/2025	ND	206	103	200	2.08	
DRO >C10-C28*	<10.0	10.0	09/02/2025	ND	211	106	200	0.817	
EXT DRO >C28-C36	<10.0	10.0	09/02/2025	ND					

Surrogate: 1-Chlorooctane 82.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.8 % 40.6-153

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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*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: <i>Vertex Resource</i>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>							
Project Manager: <i>Chad Hensley</i>		P.O. #: <i>2263261001</i>									
Address: <i>3101 Boyd drive</i>		Company: <i>ExxonMobil</i>									
City: <i>Carlsbad</i> State: <i>NM</i> Zip: <i>88220</i>		Attn: <i>Dale Woodall</i>									
Phone #: <i>575-200-6167</i> Fax #:		Address: <i>3104 E Green St</i>									
Project #: <i>25A-03850</i> Project Owner:		City: <i>Carlsbad</i>									
Project Name: <i>Coral Canyon 15 CV3</i>		State: <i>NM</i> Zip: <i>88220</i>									
Project Location:		Phone #:									
Sampler Name: <i>Riley Arnold</i>		Fax #:									
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(GRAB OR COMP #) CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	BTEX	TPH	Chloride
	<i>HAS5426</i>			GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	ACID/BASE ICE/COOL OTHER						
	<i>1</i>	<i>BS25-42 @ 2'</i>	<i>1</i>	<i>X</i>	<i>X</i>		<i>8.28.25</i>	<i>9:30</i>	<i>X</i>	<i>X</i>	<i>X</i>
	<i>2</i>	<i>BS25-43 @ 2'</i>						<i>9:34</i>			
	<i>3</i>	<i>BS25-44 @ 2'</i>						<i>9:39</i>			
	<i>4</i>	<i>BS25-45 @ 2'</i>						<i>9:46</i>			
	<i>5</i>	<i>BS25-46 @ 2'</i>						<i>9:50</i>			
	<i>6</i>	<i>BS25-47 @ 2'</i>						<i>10:00</i>			
	<i>7</i>	<i>BS25-48 @ 2'</i>						<i>10:04</i>			
	<i>8</i>	<i>BS25-49 @ 2'</i>						<i>10:10</i>			
	<i>9</i>	<i>BS25-50 @ 2'</i>						<i>10:15</i>			
	<i>10</i>	<i>BS25-51 @ 2'</i>						<i>10:19</i>			

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>[Signature]</i>	Date: <i>9-2-25</i>	Received By: <i>[Signature]</i>	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Time: <i>1410</i>			All Results are emailed. Please provide Email address: <i>Rarnold@VertexResource.com</i>
Relinquished By:	Date:	Received By:	<i>Chensley@VertexResource.com</i>
Time:			REMARKS:
Delivered By: (Circle One)	Observed Temp. °C = <i>0.9</i>	Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	Turnaround Time: <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C = <i>0.6</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact
FORM-000-R 3-3-09/03/24		CHECKED BY: <i>[Signature]</i>	Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact
		Thermometer ID #140	Observed Temp. °C
		Correction Factor <i>+0.35</i>	Corrected Temp. °C

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



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: <i>Vertex Resource</i>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>					
Project Manager: <i>Chad Hensley</i>		P.O. #: <i>2263261001</i>							
Address: <i>3101 Boyd drive</i>		Company: <i>Exxon Mobil</i>							
City: <i>Carlsbad</i> State: <i>NM</i> Zip: <i>88220</i>		Attn: <i>Dale Woodall</i>							
Phone #: <i>575-200-6167</i> Fax #:		Address: <i>3104 E Green St</i>							
Project #: <i>25A-03850</i> Project Owner:		City: <i>Carlsbad</i>							
Project Name: <i>Coral Canyon 15 CVB</i>		State: <i>NM</i> Zip: <i>88220</i>							
Project Location:		Phone #:							
Sampler Name: <i>Riley Arnold</i>		Fax #:							
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER	PRESERV. ACID/BASE ICE / COOL OTHER	SAMPLING DATE TIME	BTEX	TPH	Chloride
	<i>H255426</i>								
	<i>11</i>	<i>BS25-52 @ 2'</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>8.28.25 10:21</i>	<i>X</i>	<i>X</i>	<i>X</i>
	<i>12</i>	<i>BS25-53 @ 2'</i>				<i>10:25</i>			
	<i>13</i>	<i>BS25-54 @ 2'</i>				<i>10:31</i>			
	<i>14</i>	<i>BS25-55 @ 2'</i>				<i>10:37</i>			
	<i>15</i>	<i>BS25-56 @ 2'</i>				<i>10:42</i>			
	<i>16</i>	<i>BS25-57 @ 2'</i>				<i>10:46</i>			
	<i>17</i>	<i>WS25-06 @ 0-2'</i>				<i>10:51</i>			
	<i>18</i>	<i>WS25-07 @ 0-2'</i>				<i>11:00</i>			
	<i>19</i>	<i>WS25-08 @ 0-2'</i>				<i>11:09</i>			
	<i>20</i>	<i>WS25-09 @ 0-2'</i>				<i>11:17</i>			

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>[Signature]</i>	Date: <i>8-2-25</i>	Received By: <i>[Signature]</i>	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
Time: <i>1410</i>			All Results are emailed. Please provide Email address: <i>Rarnold@VertexResource.com</i>
Relinquished By:	Date:	Received By:	<i>Chensley@VertexResource.com</i>
Time:			REMARKS:
Delivered By: (Circle One)	Observed Temp. °C = <i>0.9</i>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C = <i>-0.6</i>	Checked By: (Initials) <i>[Signature]</i>	Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No
FORM 000-R 3-06-00-24			Thermometer ID #140 Correction Factor <i>+0.30</i>

† Cardinal cannot accept verbal changes. Please email changes to [caley.keene@cardinalabnm.com](mailto:caley.keene@cardinalabnm.com)

Page 27 of 28



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: <i>Vertex Resource</i>		<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>									
Project Manager: <i>Chad Hensley</i>		P.O. #: <i>2263261001</i>													
Address: <i>3101 Boyd drive</i>		Company: <i>ExxonMobil</i>													
City: <i>Carlsbad</i> State: <i>NM</i> Zip: <i>88220</i>		Attn: <i>Dale woodall</i>													
Phone #: <i>575-200-6167</i> Fax #:		Address: <i>3104 E Green St</i>													
Project #: <i>25A-03850</i> Project Owner:		City: <i>Carlsbad</i>													
Project Name: <i>Coral Canyon 15 CV3</i>		State: <i>NM</i> Zip: <i>88220</i>													
Project Location:		Phone #:													
Sampler Name: <i>Riley Arnold</i>		Fax #:													
FOR LAB USE ONLY		# CONTAINERS	MATRIX				PRESERV.	SAMPLING		DATE	TIME	BTEX	TPH	Chloride	
Lab I.D.	Sample I.D.		GROUNDWATER	WASTEWATER	SOIL	OIL		SLUDGE	OTHER						ACID/BASE
<i>H255426</i>		<i>1</i>			<i>X</i>				<i>X</i>		<i>8.28.25</i>	<i>11:25</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>21</i>	<i>W525-10</i>	<i>1</i>													
<i>22</i>	<i>W525-11</i>	<i>1</i>													
<i>23</i>	<i>W525-12</i>	<i>1</i>													

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Riley Arnold</i>	Date: <i>8-2-25</i>	Received By: <i>Jamara Oldak</i>	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:	
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: <i>Rarnold@VertexResource.com</i>		
Time:	<i>1410</i>		<i>Chensley@VertexResource.com</i>		
Delivered By: (Circle One)	Observed Temp. °C: <i>-0.9</i>	Sample Condition: <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact	CHECKED BY: (Initials): <i>RA</i>	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush	Bacteria (only) <input type="checkbox"/> Cool <input type="checkbox"/> Intact
Sampler - UPS - Bus - Other:	Corrected Temp. °C: <i>-0.6</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #140	<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> No <input type="checkbox"/> No		Correction Factor: <i>-0.3</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

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Page 28 of 28



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

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September 10, 2025

CHAD HENSLEY  
VERTEX RESOURCE  
3101 BOYD DRIVE  
CARLSBAD, NM 88220

RE: CORRAL CANYON 15 CVB

Enclosed are the results of analyses for samples received by the laboratory on 09/04/25 13:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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:	09/04/2025	Sampling Date:	09/02/2025
Reported:	09/10/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BACKFILL -01 (H255485-01)**

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	09/05/2025	ND	1.78	89.1	2.00	4.62	
Toluene*	<0.050	0.050	09/05/2025	ND	1.88	94.2	2.00	3.28	
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.90	95.1	2.00	1.71	
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.69	94.8	6.00	1.60	
Total BTEX	<0.300	0.300	09/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/05/2025	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/05/2025	ND	195	97.7	200	3.94	
DRO >C10-C28*	<10.0	10.0	09/05/2025	ND	196	98.1	200	3.55	
EXT DRO >C28-C36	<10.0	10.0	09/05/2025	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.1 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/04/2025	Sampling Date:	09/02/2025
Reported:	09/10/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Alyssa Parras
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BACKFILL -02 (H255485-02)**

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	09/05/2025	ND	1.78	89.1	2.00	4.62		
Toluene*	<0.050	0.050	09/05/2025	ND	1.88	94.2	2.00	3.28		
Ethylbenzene*	<0.050	0.050	09/05/2025	ND	1.90	95.1	2.00	1.71		
Total Xylenes*	<0.150	0.150	09/05/2025	ND	5.69	94.8	6.00	1.60		
Total BTEX	<0.300	0.300	09/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/05/2025	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/05/2025	ND	195	97.7	200	3.94		
DRO >C10-C28*	<10.0	10.0	09/05/2025	ND	196	98.1	200	3.55		
EXT DRO >C28-C36	<10.0	10.0	09/05/2025	ND						

Surrogate: 1-Chlorooctane 81.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.7 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

\*=Accredited Analyte

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*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

Page 5 of 5

Company Name: Vertex Resource Services (Direct Bill to ExxonMobil)				<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>															
Project Manager: Chad Hensley				P.O. #: 2263261001		BTEX (8021) TPH:8015D(GRO / DRO / MIRO) Chloride															
Address: 3101 Boyd Drive				Company: ExxonMobil																	
City: Carlsbad State: NM		Zip: 88220		Attn: Dale Woodall																	
Phone #: 575.725.5001		Fax #:		Address: 3104 E. Greene St																	
Project #: 25A-03850		Project Owner: Dale Woodall		City: Carlsbad																	
Project Name: Corral Canyon 15 CVB				State: NM Zip: 88220																	
Project Location:				Phone #: 575-988-2390																	
Sampler Name: L. Pullman				Fax #:																	
<small>FOR LAB USE ONLY</small>																					
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP	# CONTAINERS											MATRIX			PRESERV.		SAMPLING
1		Backfill-01		C	1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	09.02.25	13:50					
2		Backfill-02		C	1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	09.02.25	13:55					

PLEASE NOTE: Liability and Coverage: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or as related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>L. Pullman</i>		Date: <i>9-2-25</i>		Received By: <i>[Signature]</i>		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Date: <i>9-4-25</i>		Received By:		Please Email Results: permian@vertexresource.com, Chad Hensley (CHensley@vertexresource.com), Riley Arnold (RArnold@vertexresource.com), Lakin Pullman (LPullman@vertexresource.com)			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Observed Temp. °C Corrected Temp. °C		Sample Condition Cool Intact		CHECKED BY: (Initials)		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Bacteria (only) Sample Condition	
		<i>1.8</i> <i>2.1</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<i>[Signature]</i>		Thermometer ID: <i>113 + 140</i> Correction Factor: <i>-0.3C -0.3</i>	

FORM-006 R 3.2 10/07/21

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

1/1



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

September 12, 2025

CHAD HENSLEY  
VERTEX RESOURCE  
3101 BOYD DRIVE  
CARLSBAD, NM 88220

RE: CORRAL CANYON 15 CVB

Enclosed are the results of analyses for samples received by the laboratory on 09/08/25 12:45.

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](http://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,

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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 58 2' (H255575-01)**

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	09/09/2025	ND	1.86	92.8	2.00	3.16		
Toluene*	<0.050	0.050	09/09/2025	ND	1.88	94.0	2.00	3.20		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.90	94.8	2.00	3.58		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	5.81	96.9	6.00	3.24		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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\*=Accredited Analyte

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 59 2' (H255575-02)**

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	09/09/2025	ND	1.86	92.8	2.00	3.16		
Toluene*	<0.050	0.050	09/09/2025	ND	1.88	94.0	2.00	3.20		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.90	94.8	2.00	3.58		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	5.81	96.9	6.00	3.24		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>208</b>	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 94.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.3 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 60 2' (H255575-03)**

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	09/09/2025	ND	1.86	92.8	2.00	3.16		
Toluene*	<0.050	0.050	09/09/2025	ND	1.88	94.0	2.00	3.20		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.90	94.8	2.00	3.58		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	5.81	96.9	6.00	3.24		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 61 2' (H255575-04)**

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	09/09/2025	ND	1.86	92.8	2.00	3.16		
Toluene*	<0.050	0.050	09/09/2025	ND	1.88	94.0	2.00	3.20		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.90	94.8	2.00	3.58		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	5.81	96.9	6.00	3.24		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 117 % 44.4-145

Surrogate: 1-Chlorooctadecane 113 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 62 2' (H255575-05)**

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	09/09/2025	ND	1.86	92.8	2.00	3.16		
Toluene*	<0.050	0.050	09/09/2025	ND	1.88	94.0	2.00	3.20		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.90	94.8	2.00	3.58		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	5.81	96.9	6.00	3.24		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 63 2' (H255575-06)**

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	09/09/2025	ND	1.86	92.8	2.00	3.16		
Toluene*	<0.050	0.050	09/09/2025	ND	1.88	94.0	2.00	3.20		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.90	94.8	2.00	3.58		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	5.81	96.9	6.00	3.24		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 75.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.9 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 64 2' (H255575-07)**

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	09/09/2025	ND	1.86	92.8	2.00	3.16		
Toluene*	<0.050	0.050	09/09/2025	ND	1.88	94.0	2.00	3.20		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.90	94.8	2.00	3.58		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	5.81	96.9	6.00	3.24		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

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	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 92.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.3 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 65 2' (H255575-08)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 90.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.6 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 66 2' (H255575-09)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

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	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 94.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.8 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 67 2' (H255575-10)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 93.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.1 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 68 2' (H255575-11)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 68.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 65.2 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 69 2' (H255575-12)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 97.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.1 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 70 2' (H255575-13)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.6 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 71 2' (H255575-14)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 72 2' (H255575-15)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	186	93.2	200	5.50		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	179	89.3	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 99.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.6 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 73 2' (H255575-16)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 98.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 74 2' (H255575-17)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 97.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.5 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 75 2' (H255575-18)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 115 % 44.4-145

Surrogate: 1-Chlorooctadecane 119 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 76 2' (H255575-19)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/09/2025	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 97.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.4 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 77 2' (H255575-20)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 78 2' (H255575-21)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 79 2' (H255575-22)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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**Analytical Results For:**

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

Received:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 80 2' (H255575-23)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 78.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.3 % 40.6-153

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**Analytical Results For:**

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

Received:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 81 2' (H255575-24)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 90.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.2 % 40.6-153

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**Analytical Results For:**

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

Received:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 82 2' (H255575-25)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 71.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.0 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 83 2' (H255575-26)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 92.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.9 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 84 2' (H255575-27)**

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	09/09/2025	ND	1.96	97.8	2.00	2.52		
Toluene*	<0.050	0.050	09/09/2025	ND	2.03	101	2.00	1.63		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.04	102	2.00	1.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.14	102	6.00	2.46		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 84.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.7 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 85 2' (H255575-28)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 92.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.8 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 86 2' (H255575-29)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 87.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.5 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 87 2' (H255575-30)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 91.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.0 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 88 2' (H255575-31)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 98.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.2 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 89 2' (H255575-32)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	182	90.9	200	1.59		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	183	91.7	200	2.08		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 90 2' (H255575-33)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 80.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 91 2' (H255575-34)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 86.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 83.6 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 92 2' (H255575-35)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 78.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 76.4 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 93 2' (H255575-36)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 82.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.2 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 94 2' (H255575-37)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 80.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.3 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 95 2' (H255575-38)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 82.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.1 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 96 2' (H255575-39)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 57.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 54.3 % 40.6-153

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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: 09/08/2025  
 Reported: 09/12/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 09/05/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: BS 25 - 97 2' (H255575-40)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/09/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 78.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 74.6 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 98 2' (H255575-41)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 70.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.8 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 99 2' (H255575-42)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 85.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.0 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 100 2' (H255575-43)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/09/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 90.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.2 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS 25 - 101 2' (H255575-44)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/09/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.9 % 40.6-153

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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: 09/08/2025  
 Reported: 09/12/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 09/05/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WS 25 - 12 0-2' (H255575-45)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	09/09/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 78.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.2 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS 25 - 13 0-2' (H255575-46)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/09/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 74.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 71.9 % 40.6-153

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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:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS 25 - 14 0-2' (H255575-47)**

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	09/09/2025	ND	1.89	94.6	2.00	0.574		
Toluene*	<0.050	0.050	09/09/2025	ND	1.93	96.5	2.00	1.66		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	1.93	96.6	2.00	3.46		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	6.07	101	6.00	4.28		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 99.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.0 % 40.6-153

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**Analytical Results For:**

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

Received:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS 25 - 15 0-2' (H255575-48)**

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	09/09/2025	ND	1.91	95.3	2.00	2.08	
Toluene*	<0.050	0.050	09/09/2025	ND	2.17	109	2.00	0.138	
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.28	114	2.00	0.756	QM-07
Total Xylenes*	<0.150	0.150	09/09/2025	ND	7.11	119	6.00	0.898	QM-07
Total BTEX	<0.300	0.300	09/09/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/09/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379	
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND					

Surrogate: 1-Chlorooctane 91.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.9 % 40.6-153

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**Analytical Results For:**

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

Received:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS 25 - 16 0-2' (H255575-49)**

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	09/09/2025	ND	1.91	95.3	2.00	2.08		
Toluene*	<0.050	0.050	09/09/2025	ND	2.17	109	2.00	0.138		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.28	114	2.00	0.756		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	7.11	119	6.00	0.898		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/09/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 99.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.8 % 40.6-153

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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: 09/08/2025  
 Reported: 09/12/2025  
 Project Name: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Location: EXXON MOBIL - RURAL EDDY

Sampling Date: 09/05/2025  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: WS 25 - 17 0-2' (H255575-50)**

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	09/09/2025	ND	1.91	95.3	2.00	2.08	
Toluene*	<0.050	0.050	09/09/2025	ND	2.17	109	2.00	0.138	
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.28	114	2.00	0.756	
Total Xylenes*	<0.150	0.150	09/09/2025	ND	7.11	119	6.00	0.898	
Total BTEX	<0.300	0.300	09/09/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/09/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379	
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64	
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.8 % 40.6-153

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/08/2025	Sampling Date:	09/05/2025
Reported:	09/12/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS 25 - 18 0-2' (H255575-51)**

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	09/09/2025	ND	1.91	95.3	2.00	2.08		
Toluene*	<0.050	0.050	09/09/2025	ND	2.17	109	2.00	0.138		
Ethylbenzene*	<0.050	0.050	09/09/2025	ND	2.28	114	2.00	0.756		
Total Xylenes*	<0.150	0.150	09/09/2025	ND	7.11	119	6.00	0.898		
Total BTEX	<0.300	0.300	09/09/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/09/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/09/2025	ND	174	87.0	200	0.379		
DRO >C10-C28*	<10.0	10.0	09/09/2025	ND	177	88.3	200	1.64		
EXT DRO >C28-C36	<10.0	10.0	09/09/2025	ND						

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.6 % 40.6-153

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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







**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Page 56 of 59

Company Name: Vertex Resource Services (Direct Bill to ExxonMobil)				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																							
Project Manager: Chad Hensley				P.O. #: 2263261001				BTEX (8021) TPH:301.5D(GRO / DRO / MIRO) Chloride																							
Address: 3101 Boyd Drive				Company: ExxonMobil																											
City: Carlsbad State: NM		Zip: 88220		Attn: Dale Woodall																											
Phone #: 575.725.5001		Fax #:		Address: 3104 E. Greene St																											
Project #: 25A-03850		Project Owner: Dale Woodall		City: Carlsbad																											
Project Name: Corral Canyon 15 CVB				State: NM Zip: 88220																											
Project Location:				Phone #: 575-988-2390																											
Sampler Name: L. Pullman				Fax #:																											
TOP LAB USE ONLY																															
Lab I.D.				MATRIX																PRESERV.				SAMPLING							
Sample I.D.																															
(GRAB OR (COMP) # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER ACID/BASE ICE / COOL OTHER																															
21 BS25-78 2' 22 BS25-79 2' 23 BS25-80 2' 24 BS25-81 2' 25 BS25-82 2' 26 BS25-83 2' 27 BS25-84 2' 28 BS25-85 2' 29 BS25-86 2' 30 BS25-87 2'				C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1				X X X X X X X X X X				09.05.25 13:53 09.05.25 13:55 09.05.25 13:57 09.05.25 14:00 09.05.25 14:03 09.05.25 14:05 09.05.25 14:07 09.05.25 14:10 09.05.25 14:12 09.05.25 14:15																			

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Relinquished By: <i>[Signature]</i>	Date: 9-8-25	Received By: <i>[Signature]</i>	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Time: 07:00			Please Email Results: permian@vertexresource.com, Chad Hensley (CHensley@vertexresource.com), Riley Arnold (RArnold@vertexresource.com), Lakin Pullman (LPullman@vertexresource.com)	
Relinquished By:	Date: 12/25	Received By:	REMARKS: Direct Bill to ExxonMobil, Cost Center #: 2263261001, Incident #: nAPP2519250010	
Time:				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C -0.7 -0.4	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>[Signature]</i>	Thermometer ID #140 Correction Factor -0.5 #140 +0.30 9/8/25
				<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C

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

3/6









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

September 29, 2025

CHAD HENSLEY  
VERTEX RESOURCE  
3101 BOYD DRIVE  
CARLSBAD, NM 88220

RE: CORRAL CANYON 15 CVB

Enclosed are the results of analyses for samples received by the laboratory on 09/23/25 13:02.

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](http://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,

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:	09/23/2025	Sampling Date:	09/18/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 102 @ 2' (H255945-01)**

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	09/24/2025	ND	1.91	95.5	2.00	8.41	
Toluene*	<0.050	0.050	09/24/2025	ND	1.99	99.6	2.00	6.12	
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	2.01	101	2.00	4.59	
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.97	99.5	6.00	4.41	
Total BTEX	<0.300	0.300	09/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	96.0	16.0	09/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND					

Surrogate: 1-Chlorooctane 94.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.0 % 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:	09/23/2025	Sampling Date:	09/18/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 103 @ 2' (H255945-02)**

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	09/24/2025	ND	1.91	95.5	2.00	8.41		
Toluene*	<0.050	0.050	09/24/2025	ND	1.99	99.6	2.00	6.12		
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	2.01	101	2.00	4.59		
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.97	99.5	6.00	4.41		
Total BTEX	<0.300	0.300	09/24/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49		
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND						

Surrogate: 1-Chlorooctane 85.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.5 % 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:	09/23/2025	Sampling Date:	09/18/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 104 @ 2' (H255945-03)**

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	09/24/2025	ND	1.91	95.5	2.00	8.41		
Toluene*	<0.050	0.050	09/24/2025	ND	1.99	99.6	2.00	6.12		
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	2.01	101	2.00	4.59		
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.97	99.5	6.00	4.41		
Total BTEX	<0.300	0.300	09/24/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	09/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49		
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND						

Surrogate: 1-Chlorooctane 89.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.9 % 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:	09/23/2025	Sampling Date:	09/18/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 105 @ 2' (H255945-04)**

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	09/24/2025	ND	1.91	95.5	2.00	8.41	
Toluene*	<0.050	0.050	09/24/2025	ND	1.99	99.6	2.00	6.12	
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	2.01	101	2.00	4.59	
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.97	99.5	6.00	4.41	
Total BTEX	<0.300	0.300	09/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	208	16.0	09/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND					

Surrogate: 1-Chlorooctane 92.0 % 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:	09/23/2025	Sampling Date:	09/18/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 106 @ 2' (H255945-05)**

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	09/24/2025	ND	1.91	95.5	2.00	8.41		
Toluene*	<0.050	0.050	09/24/2025	ND	1.99	99.6	2.00	6.12		
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	2.01	101	2.00	4.59		
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.97	99.5	6.00	4.41		
Total BTEX	<0.300	0.300	09/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	80.0	16.0	09/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49		
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND						

Surrogate: 1-Chlorooctane 94.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.1 % 39.9-141

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/23/2025	Sampling Date:	09/18/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 107 @ 2' (H255945-06)**

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	09/24/2025	ND	1.91	95.5	2.00	8.41	
Toluene*	<0.050	0.050	09/24/2025	ND	1.99	99.6	2.00	6.12	
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	2.01	101	2.00	4.59	
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.97	99.5	6.00	4.41	
Total BTEX	<0.300	0.300	09/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	128	16.0	09/24/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND					

Surrogate: 1-Chlorooctane 91.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.0 % 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:	09/23/2025	Sampling Date:	09/22/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 108 @ 2' (H255945-07)**

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	09/24/2025	ND	1.91	95.5	2.00	8.41		
Toluene*	<0.050	0.050	09/24/2025	ND	1.99	99.6	2.00	6.12		
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	2.01	101	2.00	4.59		
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.97	99.5	6.00	4.41		
Total BTEX	<0.300	0.300	09/24/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49		
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND						

Surrogate: 1-Chlorooctane 96.8 % 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:	09/23/2025	Sampling Date:	09/22/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 109 @ 2' (H255945-08)**

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	09/24/2025	ND	1.91	95.5	2.00	8.41		
Toluene*	<0.050	0.050	09/24/2025	ND	1.99	99.6	2.00	6.12		
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	2.01	101	2.00	4.59		
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.97	99.5	6.00	4.41		
Total BTEX	<0.300	0.300	09/24/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/24/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49		
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND						

Surrogate: 1-Chlorooctane 92.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.7 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/23/2025	Sampling Date:	09/22/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 110 @ 2' (H255945-09)**

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	09/24/2025	ND	1.91	95.5	2.00	8.41		
Toluene*	<0.050	0.050	09/24/2025	ND	1.99	99.6	2.00	6.12		
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	2.01	101	2.00	4.59		
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.97	99.5	6.00	4.41		
Total BTEX	<0.300	0.300	09/24/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>384</b>	16.0	09/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49		
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND						

Surrogate: 1-Chlorooctane 97.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.0 % 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:	09/23/2025	Sampling Date:	09/22/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 111 @ 2' (H255945-10)**

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	09/24/2025	ND	1.91	95.5	2.00	8.41		
Toluene*	<0.050	0.050	09/24/2025	ND	1.99	99.6	2.00	6.12		
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	2.01	101	2.00	4.59		
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.97	99.5	6.00	4.41		
Total BTEX	<0.300	0.300	09/24/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49		
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND						

Surrogate: 1-Chlorooctane 98.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 97.6 % 39.9-141

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**Analytical Results For:**

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

Received:	09/23/2025	Sampling Date:	09/22/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 112 @ 2' (H255945-11)**

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	09/25/2025	ND	1.91	95.5	2.00	8.41		
Toluene*	<0.050	0.050	09/25/2025	ND	1.99	99.6	2.00	6.12		
Ethylbenzene*	<0.050	0.050	09/25/2025	ND	2.01	101	2.00	4.59		
Total Xylenes*	<0.150	0.150	09/25/2025	ND	5.97	99.5	6.00	4.41		
Total BTEX	<0.300	0.300	09/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49		
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND						

Surrogate: 1-Chlorooctane 93.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.4 % 39.9-141

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**Analytical Results For:**

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

Received:	09/23/2025	Sampling Date:	09/22/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: BS25 - 113 @ 2' (H255945-12)**

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	09/25/2025	ND	1.91	95.5	2.00	8.41		
Toluene*	<0.050	0.050	09/25/2025	ND	1.99	99.6	2.00	6.12		
Ethylbenzene*	<0.050	0.050	09/25/2025	ND	2.01	101	2.00	4.59		
Total Xylenes*	<0.150	0.150	09/25/2025	ND	5.97	99.5	6.00	4.41		
Total BTEX	<0.300	0.300	09/25/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49		
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND						

Surrogate: 1-Chlorooctane 95.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.4 % 39.9-141

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**Analytical Results For:**

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

Received:	09/23/2025	Sampling Date:	09/22/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 19 @ 0-2' (H255945-13)**

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	09/24/2025	ND	1.85	92.7	2.00	13.0	
Toluene*	<0.050	0.050	09/24/2025	ND	1.86	93.2	2.00	9.70	
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	1.84	92.2	2.00	8.31	
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.40	90.0	6.00	8.67	
Total BTEX	<0.300	0.300	09/24/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>128</b>	16.0	09/24/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	213	107	200	2.49	
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	230	115	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 98.1 % 39.9-141

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/23/2025	Sampling Date:	09/22/2025
Reported:	09/29/2025	Sampling Type:	Soil
Project Name:	CORRAL CANYON 15 CVB	Sampling Condition:	Cool & Intact
Project Number:	25A - 03850	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL - RURAL EDDY		

**Sample ID: WS25 - 20 @ 0-2' (H255945-14)**

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	09/24/2025	ND	1.85	92.7	2.00	13.0		
Toluene*	<0.050	0.050	09/24/2025	ND	1.86	93.2	2.00	9.70		
Ethylbenzene*	<0.050	0.050	09/24/2025	ND	1.84	92.2	2.00	8.31		
Total Xylenes*	<0.150	0.150	09/24/2025	ND	5.40	90.0	6.00	8.67		
Total BTEX	<0.300	0.300	09/24/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	09/24/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/24/2025	ND	223	112	200	0.206		
DRO >C10-C28*	<10.0	10.0	09/24/2025	ND	231	115	200	1.09		
EXT DRO >C28-C36	<10.0	10.0	09/24/2025	ND						

Surrogate: 1-Chlorooctane 100 % 52.4-130

Surrogate: 1-Chlorooctadecane 102 % 39.9-141

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\*=Accredited Analyte

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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Vertex Resource</u>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>					
Project Manager: <u>Chad Hensley</u>		P.O. # <u>2263261001</u>							
Address: <u>3101 Boyd drive</u>		Company: <u>Exxon/Mob. 1</u>							
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>		Attn: <u>Dale Woodall</u>							
Phone # <u>575-200-6167</u> Fax #:		Address <u>3104 E Green St</u>							
Project # <u>25A-03850</u> Project Owner:		City: <u>Carlsbad</u>							
Project Name: <u>Coral Canyon 15 CV3</u>		State: <u>NM</u> Zip: <u>88220</u>							
Project Location:		Phone #:							
Sampler Name: <u>Riley Arnold</u>		Fax #:							
Lab I.D.	Sample I.D.	MATRIX	PRESERV	SAMPLING	DATE	TIME	BTEX	TPH	chloride
<u>H255945</u>									
<u>1</u>	<u>B525-102 @ 2'</u>	<u>X</u>	<u>X</u>		<u>9.18.25</u>	<u>11:00</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>2</u>	<u>B525-103 @ 2'</u>					<u>11:06</u>			
<u>3</u>	<u>B525-104 @ 2'</u>					<u>11:11</u>			
<u>4</u>	<u>B525-105 @ 2'</u>					<u>11:20</u>			
<u>5</u>	<u>B525-106 @ 2'</u>					<u>11:27</u>			
<u>6</u>	<u>B525-107 @ 2'</u>					<u>11:34</u>			

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Relinquished By: [Signature] Date: 9.23.25 Received By: [Signature] Date: 9.23.25

Relinquished By: [Signature] Date: 1302 Received By: [Signature] Date: 1302

Delivered By: Circle One Observed Temp. °C: 1.2 Sample Condition: Cool Intact CHECKED BY: [Signature] Turnaround Time: Standard Bacteria (only): Cool Intact Sample Condition: Cool Intact Observed Temp. °C: 1.2

Sampler: UPS - Bus - Other Corrected Temp. °C: 1.5 Thermometer ID: #140 Correction Factor: +0.3c Bacteria (only): Yes Sample Condition: Cool Intact Observed Temp. °C: 1.2

REMARKS: all 040240145  
Chensley@vertexresource.com

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

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**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Page 18 of 18

Company Name: <i>Vertex Resource</i>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>													
Project Manager: <i>Chad Hensley</i>		P.O. #: <i>2263261001</i>															
Address: <i>3101 Boyd drive</i>		Company: <i>ExxonMobil</i>															
City: <i>Carlsbad</i> State: <i>NM</i> Zip: <i>88220</i>		Attn: <i>Dale woodall</i>															
Phone #: <i>575-200-6167</i> Fax #:		Address: <i>3104 E Greene St</i>															
Project #: <i>25A-03850</i> Project Owner:		City: <i>Carlsbad</i>															
Project Name: <i>Corral Canyon 15 CV8</i>		State: <i>NM</i> Zip: <i>88220</i>															
Project Location:		Phone #:															
Sampler Name: <i>Riley Arnold</i>		Fax #:															
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	(GRAB OR C/COMP. # CONTAINERS)	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV. ACID/BASE	ICE / COOL	OTHER:	DATE	TIME	BTEX	TPH	Chloride
	<i>H255945</i>					X				X			<i>9.22.25</i>	<i>10:50</i>	X	X	X
	<i>7</i>	<i>8525-108 @ 2'</i>	<i>C</i>											<i>10:57</i>			
	<i>8</i>	<i>8525-109 @ 2'</i>	<i>I</i>											<i>11:06</i>			
	<i>9</i>	<i>8525-110 @ 2'</i>												<i>11:12</i>			
	<i>10</i>	<i>8525-111 @ 2'</i>												<i>11:20</i>			
	<i>11</i>	<i>8525-112 @ 2'</i>												<i>11:27</i>			
	<i>12</i>	<i>8525-113 @ 2'</i>												<i>11:34</i>			
	<i>13</i>	<i>WS25-19 @ 0-2'</i>												<i>11:41</i>			
	<i>14</i>	<i>WS25-20 @ 0-2'</i>															

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Relinquished By: *Riley Arnold* Date: *9.23.25* Received By: *Chad Hensley* Verbal Result:  Yes  No Add'l Phone #: *cell 0402401K*

Relinquished By: Time: *7:30* Received By: Time: *7:30* All Results are emailed. Please provide Email address: *Chensley@vertexresource.com*

Delivered By: (Circle One) Observed Temp. °C *1.2* Sample Condition Cool Intact CHECKED BY: (Initials) *CH* Turnaround Time: Standard  Bacteria (only) Sample Condition Cool Intact Observed Temp. °C

Sampler - UPS - Bus - Other: Corrected Temp. °C *1.5*  Yes  No  Yes  No Thermometer ID #140 Correction Factor *-0.3°C*  Yes  No  Yes  No Corrected Temp. °C

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



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

October 07, 2025

CHAD HENSLEY  
VERTEX RESOURCE  
3101 BOYD DRIVE  
CARLSBAD, NM 88220

RE: CORRAL CANYON 15 CVB

Enclosed are the results of analyses for samples received by the laboratory on 10/02/25 14:10.

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/ga/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/ga/lab_accred_certif.html).

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B      Total Coliform and E. coli (Colilert MMO-MUG)  
Method EPA 524.2      Regulated VOCs and Total Trihalomethanes (TTHM)  
Method EPA 552.2      Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celey D. Keene  
Lab Director/Quality Manager



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**Analytical Results For:**

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: CORRAL CANYON 15 CVB Project Number: 25A - 03850 Project Manager: CHAD HENSLEY Fax To: NA	Reported: 07-Oct-25 15:51
--	---	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BS 25 - 114 0.25	H256154-01	Soil	30-Sep-25 11:00	02-Oct-25 14:10
BS 25 - 115 0.25	H256154-02	Soil	30-Sep-25 11:05	02-Oct-25 14:10
BS 25 - 116 0.25	H256154-03	Soil	30-Sep-25 11:10	02-Oct-25 14:10
BS 25 - 117 0.25	H256154-04	Soil	30-Sep-25 11:15	02-Oct-25 14:10
BS 25 - 118 0.25	H256154-05	Soil	30-Sep-25 11:20	02-Oct-25 14:10
BS 25 - 119 0.25	H256154-06	Soil	30-Sep-25 11:25	02-Oct-25 14:10
BH 25 - 20 0.25	H256154-07	Soil	01-Oct-25 09:30	02-Oct-25 14:10
TOPSOIL	H256154-08	Soil	30-Sep-25 11:30	02-Oct-25 14:10

10/07/25 - Client changed the sample ID on -07 (see COC). This is the revised report and will replace the one sent on 10/06/25.

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**Analytical Results For:**

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: CORRAL CANYON 15 CVB Project Number: 25A - 03850 Project Manager: CHAD HENSLEY Fax To: NA	Reported: 07-Oct-25 15:51
--	---	------------------------------

**BS 25 - 114 0.25  
H256154-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>6080</b>		16.0	mg/kg	4	5100307	KH	03-Oct-25	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5100216	JH	03-Oct-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.6 %		70.4-141	5100216	JH	03-Oct-25	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.4 %		52.4-130	5100217	MS	02-Oct-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.2 %		39.9-141	5100217	MS	02-Oct-25	8015B	
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**Analytical Results For:**

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: CORRAL CANYON 15 CVB Project Number: 25A - 03850 Project Manager: CHAD HENSLEY Fax To: NA	Reported: 07-Oct-25 15:51
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**BS 25 - 115 0.25  
H256154-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>7120</b>		16.0	mg/kg	4	5100307	KH	03-Oct-25	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5100216	JH	03-Oct-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.9 %		70.4-141	5100216	JH	03-Oct-25	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			106 %		52.4-130	5100217	MS	02-Oct-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			103 %		39.9-141	5100217	MS	02-Oct-25	8015B	
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**Analytical Results For:**

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: CORRAL CANYON 15 CVB Project Number: 25A - 03850 Project Manager: CHAD HENSLEY Fax To: NA	Reported: 07-Oct-25 15:51
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**BS 25 - 116 0.25  
H256154-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>6960</b>		16.0	mg/kg	4	5100307	KH	03-Oct-25	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5100216	JH	03-Oct-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			91.0 %		70.4-141	5100216	JH	03-Oct-25	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.5 %		52.4-130	5100217	MS	02-Oct-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			71.6 %		39.9-141	5100217	MS	02-Oct-25	8015B	
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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: CORRAL CANYON 15 CVB Project Number: 25A - 03850 Project Manager: CHAD HENSLEY Fax To: NA	Reported: 07-Oct-25 15:51
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**BS 25 - 117 0.25**

**H256154-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>6880</b>		16.0	mg/kg	4	5100307	KH	03-Oct-25	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5100216	JH	03-Oct-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.2 %		70.4-141	5100216	JH	03-Oct-25	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.9 %		52.4-130	5100217	MS	02-Oct-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			90.1 %		39.9-141	5100217	MS	02-Oct-25	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: CORRAL CANYON 15 CVB Project Number: 25A - 03850 Project Manager: CHAD HENSLEY Fax To: NA	Reported: 07-Oct-25 15:51
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**BS 25 - 118 0.25**

**H256154-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>2400</b>		16.0	mg/kg	4	5100307	KH	03-Oct-25	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5100216	JH	03-Oct-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.6 %		70.4-141	5100216	JH	03-Oct-25	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.4 %		52.4-130	5100217	MS	02-Oct-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.8 %		39.9-141	5100217	MS	02-Oct-25	8015B	
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**Analytical Results For:**

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: CORRAL CANYON 15 CVB Project Number: 25A - 03850 Project Manager: CHAD HENSLEY Fax To: NA	Reported: 07-Oct-25 15:51
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**BS 25 - 119 0.25**

**H256154-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	4880		16.0	mg/kg	4	5100307	KH	03-Oct-25	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5100216	JH	03-Oct-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			90.4 %		70.4-141	5100216	JH	03-Oct-25	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	

Surrogate: 1-Chlorooctane			99.7 %		52.4-130	5100217	MS	02-Oct-25	8015B	
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Surrogate: 1-Chlorooctadecane			98.3 %		39.9-141	5100217	MS	02-Oct-25	8015B	
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**Analytical Results For:**

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: CORRAL CANYON 15 CVB Project Number: 25A - 03850 Project Manager: CHAD HENSLEY Fax To: NA	Reported: 07-Oct-25 15:51
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**BH 25 - 20 0.25  
H256154-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>32.0</b>		16.0	mg/kg	4	5100307	KH	03-Oct-25	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5100216	JH	03-Oct-25	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			90.1 %		70.4-141	5100216	JH	03-Oct-25	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	

<i>Surrogate: 1-Chlorooctane</i>			107 %		52.4-130	5100217	MS	02-Oct-25	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			104 %		39.9-141	5100217	MS	02-Oct-25	8015B	
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**Analytical Results For:**

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: CORRAL CANYON 15 CVB Project Number: 25A - 03850 Project Manager: CHAD HENSLEY Fax To: NA	Reported: 07-Oct-25 15:51
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**TOPSOIL  
H256154-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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**Cardinal Laboratories**

**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	5100307	KH	03-Oct-25	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	5100216	JH	03-Oct-25	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	5100216	JH	03-Oct-25	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.2 %		70.4-141	5100216	JH	03-Oct-25	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5100217	MS	02-Oct-25	8015B	

Surrogate: 1-Chlorooctane			104 %		52.4-130	5100217	MS	02-Oct-25	8015B	
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Surrogate: 1-Chlorooctadecane			101 %		39.9-141	5100217	MS	02-Oct-25	8015B	
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**Analytical Results For:**

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: CORRAL CANYON 15 CVB Project Number: 25A - 03850 Project Manager: CHAD HENSLEY Fax To: NA	Reported: 07-Oct-25 15:51
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**Inorganic Compounds - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 5100307 - 1:4 DI Water</b>										
<b>Blank (5100307-BLK1)</b>										
Prepared & Analyzed: 03-Oct-25										
Chloride	ND	16.0	mg/kg							
<b>LCS (5100307-BS1)</b>										
Prepared & Analyzed: 03-Oct-25										
Chloride	416	16.0	mg/kg	400		104	80-120			
<b>LCS Dup (5100307-BSD1)</b>										
Prepared & Analyzed: 03-Oct-25										
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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**Analytical Results For:**
 VERTEX RESOURCE  
 3101 BOYD DRIVE  
 CARLSBAD NM, 88220

 Project: CORRAL CANYON 15 CVB  
 Project Number: 25A - 03850  
 Project Manager: CHAD HENSLEY  
 Fax To: NA

 Reported:  
 07-Oct-25 15:51
**Volatile Organic Compounds by EPA Method 8021 - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5100216 - Volatiles****Blank (5100216-BLK1)**

Prepared: 02-Oct-25 Analyzed: 03-Oct-25

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		90.7	70.4-141			

**LCS (5100216-BS1)**

Prepared: 02-Oct-25 Analyzed: 03-Oct-25

Benzene	1.66	0.050	mg/kg	2.00		83.2	71-111			
Toluene	1.70	0.050	mg/kg	2.00		85.0	75-116			
Ethylbenzene	1.68	0.050	mg/kg	2.00		83.9	74.2-119			
m,p-Xylene	3.26	0.100	mg/kg	4.00		81.5	72.5-123			
o-Xylene	1.65	0.050	mg/kg	2.00		82.5	70.5-124			
Total Xylenes	4.91	0.150	mg/kg	6.00		81.8	72.2-123			
Surrogate: 4-Bromofluorobenzene (PID)	0.0444		mg/kg	0.0500		88.8	70.4-141			

**LCS Dup (5100216-BSD1)**

Prepared: 02-Oct-25 Analyzed: 03-Oct-25

Benzene	1.80	0.050	mg/kg	2.00		89.8	71-111	7.62	17.6	
Toluene	1.83	0.050	mg/kg	2.00		91.5	75-116	7.43	14.8	
Ethylbenzene	1.82	0.050	mg/kg	2.00		91.1	74.2-119	8.24	14.2	
m,p-Xylene	3.54	0.100	mg/kg	4.00		88.5	72.5-123	8.24	13.6	
o-Xylene	1.79	0.050	mg/kg	2.00		89.7	70.5-124	8.37	13.7	
Total Xylenes	5.33	0.150	mg/kg	6.00		88.9	72.2-123	8.28	13.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0452		mg/kg	0.0500		90.4	70.4-141			

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**Analytical Results For:**

VERTEX RESOURCE 3101 BOYD DRIVE CARLSBAD NM, 88220	Project: CORRAL CANYON 15 CVB Project Number: 25A - 03850 Project Manager: CHAD HENSLEY Fax To: NA	Reported: 07-Oct-25 15:51
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**Petroleum Hydrocarbons by GC FID - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5100217 - General Prep - Organics**

<b>Blank (5100217-BLK1)</b>			Prepared & Analyzed: 02-Oct-25							
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
<i>Surrogate: 1-Chlorooctane</i>	46.5		mg/kg	50.0		92.9	52.4-130			
<i>Surrogate: 1-Chlorooctadecane</i>	44.2		mg/kg	50.0		88.5	39.9-141			

<b>LCS (5100217-BS1)</b>			Prepared & Analyzed: 02-Oct-25							
GRO C6-C10	220	10.0	mg/kg	200		110	78.7-123			
DRO >C10-C28	211	10.0	mg/kg	200		106	74.8-123			
Total TPH C6-C28	431	10.0	mg/kg	400		108	78.6-121			
<i>Surrogate: 1-Chlorooctane</i>	50.5		mg/kg	50.0		101	52.4-130			
<i>Surrogate: 1-Chlorooctadecane</i>	49.9		mg/kg	50.0		99.9	39.9-141			

<b>LCS Dup (5100217-BSD1)</b>			Prepared & Analyzed: 02-Oct-25							
GRO C6-C10	225	10.0	mg/kg	200		113	78.7-123	2.44	11.3	
DRO >C10-C28	214	10.0	mg/kg	200		107	74.8-123	1.05	10.9	
Total TPH C6-C28	439	10.0	mg/kg	400		110	78.6-121	1.76	10.5	
<i>Surrogate: 1-Chlorooctane</i>	54.0		mg/kg	50.0		108	52.4-130			
<i>Surrogate: 1-Chlorooctadecane</i>	51.8		mg/kg	50.0		104	39.9-141			

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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2

Company Name: VERTEX RESOURCE		P.O. #:		ANALYSIS REQUEST			
Project Manager: CHAD HENSLEY		Company: Exxon Mobil		Chloride MFO, PFO, GRO BTEX			
Address: 3101 BOYD DR		Attn: Dale Woodall					
City: CARLSBAD		Address:					
State: NM Zip: 88220		City:					
Phone #:		State: Zip:					
Project #: 25A-03850		Phone #:					
Project Name: GORRAL CANYON 15 CVB		Fax #:					
Project Location:							
Sampler Name: KATRINA TAYLOR							

Lab I.D.	Sample I.D.	DATE	TIME	MATRIX						PRESERV.	SAMPLING	
				GROUNDWATER	WASTEWATER	SOIL	SLURRY	OTHER	ASPHALT			ICE CREAM
1	BS25-114 0.25	9/30/25	11:00		X					X		
2	BS25-115 0.25		11:05									
3	BS25-116 0.25		11:10									
4	BS25-117 0.25		11:15									
5	BS25-118 0.25		11:20									
6	BS25-119 0.25		11:25									
7	8H25-1920 0.25 *	10/1/25	9:30									
8	TOPSOIL	9/30/25	11:30		X				X			

PLEASE NOTE: ... (small text)

Relinquished By: *Katrina Taylor* Date: 10/2 Received By: *Jessica ...*

Time: 1410

Verbal Result:  Yes  No Add'l Phone #:

All Results are emailed. Please provide Email address: CHENSLEY@VERTEX.CA, KATRINA.TAYLOR@Vertex.CA

REMARKS: PLEASE NOTE THIS WILL BE ON ITS OWN REPORT. FUNKS • NO: 2263261001 •

ID: NAPP251925010 • GFCA: 48605000

Turnaround Time: Standard  Rush  Bacteria (only)

Thermometer ID: #140

Corrected Factor: +0.3c

Sample Condition: Cool  Intact

Observed Temp: °C

Corrected Temp: °C

\* Customer requested ID changes. 10/6/25

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

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**Santa Fe, NM 87505**

QUESTIONS

Action 534322

**QUESTIONS**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 534322
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2519250010
Incident Name	NAPP2519250010 CORRAL CANYON 15 CVB @ FAPP2403725789
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Facility	[fAPP2403725789] CORRAL CANYON 15 CVB

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	CORRAL CANYON 15 CVB
Date Release Discovered	07/10/2025
Surface Owner	Federal

<b>Incident Details</b>	
<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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Dump Line   Produced Water   Released: 17 BBL   Recovered: 10 BBL   Lost: 7 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 534322

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 534322
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
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	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
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: 12/12/2025
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QUESTIONS, Page 3

Action 534322

**QUESTIONS (continued)**

Operator:  XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID:  5380
	Action Number:  534322
	Action Type:  [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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 ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**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)	41200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2591
GRO+DRO (EPA SW-846 Method 8015M)	2160
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	08/06/2025
On what date will (or did) the final sampling or liner inspection occur	09/29/2025
On what date will (or was) the remediation complete(d)	10/01/2025
What is the estimated surface area (in square feet) that will be reclaimed	3307
What is the estimated volume (in cubic yards) that will be reclaimed	245
What is the estimated surface area (in square feet) that will be remediated	18888
What is the estimated volume (in cubic yards) that will be remediated	1400

*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 534322

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 534322
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**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 <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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)	Yes
Other Non-listed Remedial Process. Please specify	(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) materials sent to Oilfield Waste Logistics and R360 Red Bluff

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: 12/12/2025
--	---

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 534322

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 534322
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Separators, Infrastructure, Electrical
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	1164
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	86
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	fAPP2403725789 CORRAL CANYON 15 CVB
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 12/12/2025

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QUESTIONS, Page 6

Action 534322

**QUESTIONS (continued)**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 534322
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>521302</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>11/03/2025</b>
What was the (estimated) number of samples that were to be gathered	<b>3</b>
What was the sampling surface area in square feet	<b>600</b>

<b>Remediation Closure Request</b>	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	<b>No</b>

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CONDITIONS

Action 534322

**CONDITIONS**

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 534322
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**CONDITIONS**

Created By	Condition	Condition Date
nvelez	Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place.	2/13/2026