



26A-00705

Remediation Work Plan

JRU Apache 903H

nAPP2602033983

BLM Lease Number: NMNM105367173

Coordinates: 32.38578, -103.82820

Prepared for:

ExxonMobil Production Company

Prepared by:

Vertex Resource Services Inc.

Date:

May 2026

ExxonMobil Production Company

JRU Apache 903H

Remediation Work Plan

May 2026

Remediation Work Plan

JRU Apache 903H

nAPP2602033983

BLM Lease Number: NMNM105367173

Coordinates: 32.38578, -103.82820

Prepared for:

ExxonMobil Production Company

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



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

5/26/2026

Date



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

5/26/2026

Executive Summary

ExxonMobil Production Company retained Vertex Resource Services Inc. (Vertex) to complete an initial site assessment and Remediation Work Plan for the incident ID number nAPP2602033983 at the JRU Apache 903H (the "site"; API: 30-015-55855).

Vertex performed the initial site assessment on March 13, 2026, and identified an area of interest (AOI) on the production site and placed an 811-ticket request. On April 1, 2, 8, 20, 21, 22, and 23, 2026, 49 borehole samples were obtained within the AOI. On April 7, 2026, four background sample points were obtained around the JRU Apache 903H pad. A total of 119 borehole samples and eight background samples were submitted for laboratory analysis of BTEX, chlorides and hydrocarbons. Analytical results indicated that BH26-01 through BH26-30, BH26-35, BH26-37, BH26-40, BH26-41, BH26-46, BH26-47 and BH26-49 exceeded Closure Criteria primarily at surface and also at 22 feet below ground surface (bgs) at BH26-30. BH26-31 through BH26-34, BH26-36, BH26-38, BH26-39, BH26-42 through BH26-45 and BH26-48 were within Closure Criteria at surface and 1 foot bgs as defined in 19.15.29 NMAC.

Excavation of impacted soils within the AOI will commence once the Remediation Work Plan is approved by The New Mexico Oil Conservation Division (NMOCD). The excavation extent is expected to have a surface area of approximately 189,139 sq ft with depths of 1 foot to 22 feet, totaling an excavated volume of approximately 12,867 cubic yards.

The proposed plan is to remediate the site to allowable Closure Criteria through excavation and removal of impacted soils. The base and walls of excavation will be sampled under NMOCD confirmation sampling event. Samples will be sent to Cardinal Laboratory for laboratory analysis. Final remediation will be completed per Bureau of Land Management guidelines once production is complete.

Table of Contents

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

In-text Tables

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

List of Figures

Figure 1a. Aerial Site Schematic

Figure 1b. Characterization Site Sampling Schematic

List of Tables

Table A. Initial Characterization Laboratory Results (depth to groundwater \leq 50 feet below ground surface)

List of Appendices

Appendix A. Closure Criteria

Closure Criteria Determination Table

Plate 1. Soil Classification

Plate 2. Depth to Water

Plate 3. Surface Water

3.1 Watercourse

3.2 Lake

3.3 Spring

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

Plate 5. Wetlands

Plate 6. Mine/Minerals

Plate 7. Karst

Plate 8. Flood Hazard

Appendix B. Biological Review

Appendix C. Daily Field Reports

Appendix D. Laboratory Data Reports and Chain of Custody Forms

1.0 Introduction

ExxonMobil Production Company (ExxonMobil) retained Vertex Resource Services Inc. (Vertex) to complete an initial site assessment and Remediation Work Plan for the incident ID number nAPP2602033983 at the JRU Apache 903H (the "site"; API: 30-015-55855). This Remediation Work Plan discusses actions conducted to date and proposes additional remediation activities.

2.0 Background

2.1 Access

The site is located approximately 17.5 miles northeast of Loving, New Mexico, on Bureau of Land Management (BLM) lands.

Lease Holder: ExxonMobil Production Company
Unit Letter P, Section 13, Township 22 South, Range 30 East
County Name: Eddy
Latitude, Longitude: 32.38578, -103.82820

The site can be accessed from the intersection of NM HWY 128 and Wipp Road by travelling north on Wipp Road for 4.22 miles. Turn west onto the lease road and continue for 1.15 miles. Turn north and continue for 0.48 miles. Turn west and continue to location. There are no locked gates or other access issues.

2.2 Site Description

The site is an active production pad for oil and gas operations (Figure 1a). Surface and subsurface minerals are owned by BLM. The site is situated in a primarily flat area surrounded by sandy loam plains and dunes with grassy mesquite shrublands. Grama grasses and forbs are present off the pad.

2.3 Cultural Resources Compliance

After a site assessment evaluation, the proposed work area is located entirely within a historically pre-disturbed area on a production pad. Therefore, no archaeological clearance via ARMS Survey is required per the Cultural Properties Protection (CPP) rule.

Should any remediation activities require any new surface disturbance off pad, work in that area will cease until an ARMS Survey can be conducted to remain compliant with BLM regulations. This will include notification to BLM's ECO Division.

2.4 Ecological Setting

The site is situated in the Chihuahuan Basins and Playas level IV 24a Ecoregion (Griffith et al., 2006). This ecoregion is characterized as having the following natural vegetation: black grama, blue grama, tabosa, globemallow, filaree and verbena.

The site is within the Berino-Dune land complex (Plate 1, Appendix A) and classified as "not prime farmland".

See Appendix A, Plate 1 for other ecological setting information.

2.5 Biological Compliance

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

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

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

3.0 Site Evaluation

Initial site assessment was conducted on April 1, 2026, by Vertex personnel; it was originally attempted on February 10, 2026, but was postponed due to fracking operations until the site was clear and safe to conduct an assessment. The spill occurred during coil tubing operations and spread across the north and south of the pad. The spill was mapped and Vertex personnel met with an ExxonMobil safety representative to discuss excavation plans and restrictions. Documentation of the site visits are included in the Daily Field Reports (Appendix C) and summarized below.

- 12 boreholes were placed to define release edges; these samples were collected at surface and 1 foot below ground surface (bgs)
- 37 boreholes were placed to identify surface area and vertical depth of impacted soils; these samples were collected from surface to 22 feet bgs in 1-foot increments (2-foot depth increments for BH26-30)
- 4 background samples were placed to determine if area contained natural background chlorides

3.1 Assessment of Soil Suitability

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

Table 1. Closure Criteria for Soils Impacted by a Release DTGW \leq 50 feet bgs		
Minimum depth below any point within the horizontal boundary of the release to groundwater less than 10,000 mg/l TDS	Constituent	Limit
\leq 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

3.2 Special Soil Conditions

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

3.2.1 Area of Interest

The AOI identified during the desktop review and on-site assessment was mostly identified on pad. 119 samples were collected from 49 borehole sample points during the initial on-site assessment around and within the AOI. Figure 1b identifies the AOI relative to the active production pad and borehole soil sample locations. All samples within the AOI exceeded Closure Criteria for chloride, TPH, benzene or BTEX at surface. Analytical results showed that samples are within site Closure Criteria at a depth of 1 foot bgs. All samples taken outside of the AOI met Closure Criteria at surface and 1 foot bgs, except BH26-35 which is actively being addressed and evaluated by step out samples to the east.

4.0 Remediation Work Plan

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

4.1 Alternative Sampling Plan for Final Sampling

Due to the size of the excavation, approximately 189,139 square feet, an alternative sample plan to final confirmation sampling is being requested. Excavation base samples would represent areas no greater than 400 square feet, while excavation wall samples would continue to represent areas no greater than 200 square feet.

4.2 AOI Remediation Steps

Due to safety concerns, the area between and around the wellheads and equipment will be excavated with the use of hand tools. Once contaminated material has been excavated between the wellheads and equipment, mechanical excavation will be utilized for the remainder of the remediation.

ExxonMobil Production Company

Remediation Work Plan

JRU Apache 903H

May 2026

Excavations where depths are greater than 4 feet bgs will be benched or sloped for safety every 4 feet. The excavation extent is expected to have a surface area of approximately 189,139 sq ft with depths of 1 foot, 1.5 feet, 2 feet, 3 feet, 3.5 feet, 5,5 feet and 22 feet, totaling an excavated volume of approximately 12,867 cubic yards.

Confirmation soil samples will be collected from the excavation bases and walls representing an area no greater than the approved square feet and submitted for laboratory analysis of chloride, BTEX, benzene and TPH. Upon laboratory confirmation, the excavation area will be backfilled with stockpiled caliche.

Figure 1b presents the approximate remediation areas and sample locations.

5.0 References

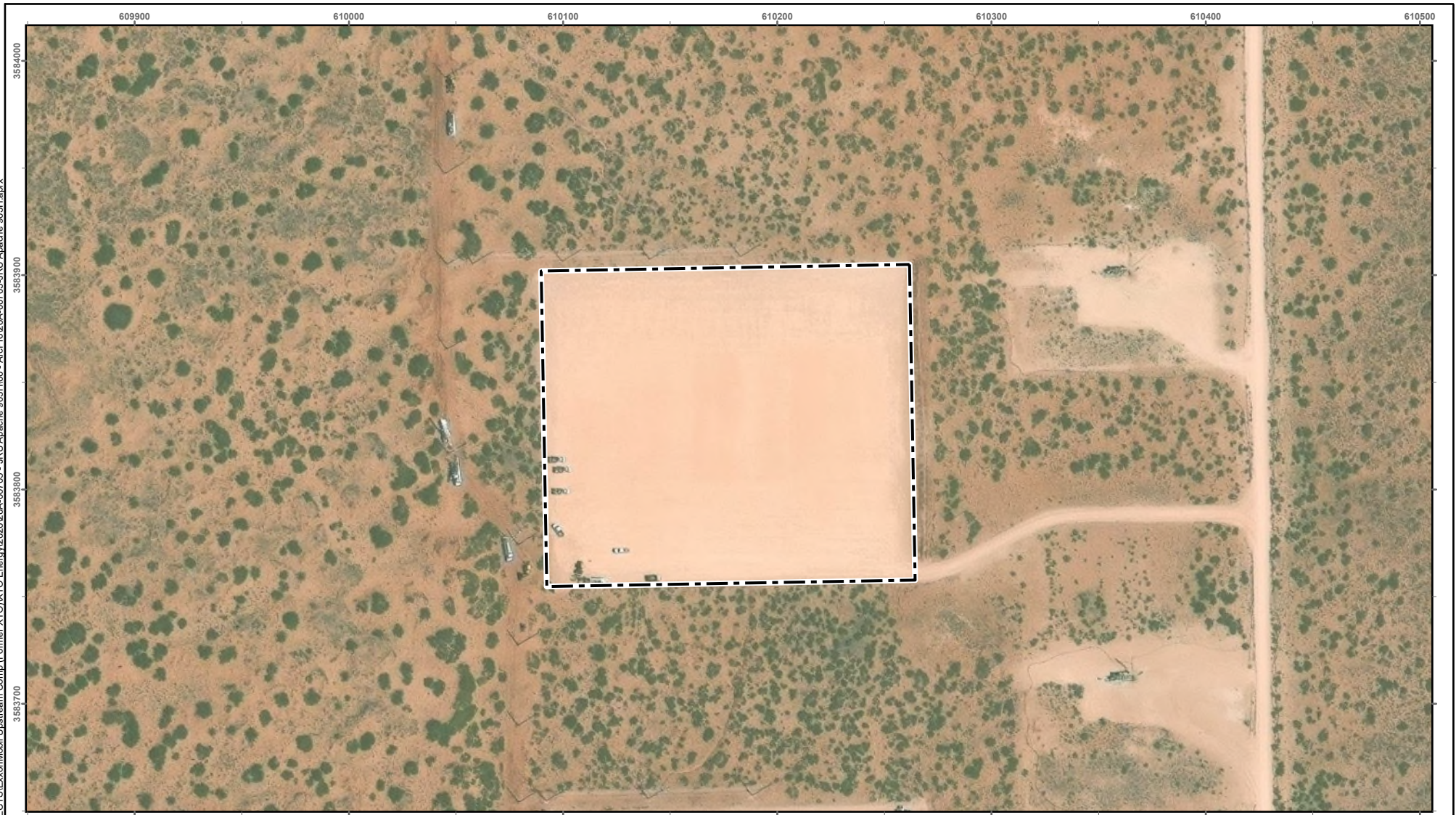
- Google Inc. (2026). *Google Earth Pro (Version 7.3.3)* [Software]. Retrieved from <https://earth.google.com>
- Griffith, G.E., Omernik, J.M., McGraw, M.M., Jacobi, G.Z., Canavan, C.M., Schrader, T.S., Mercer, D., Hill, R., and Moran, B.C. (2006). *Ecoregions of New Mexico*. Available at: <https://www.epa.gov/eco-research/ecoregion-download-files-state-region-6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


6.0 Limitations

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

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

FIGURES



 Approximate Lease Boundary



0 50 100 200 ft.
 NAD 1983 UTM Zone 13N
 Date: May 21/26

Map Center:
 Lat: 32.386069°N,
 Long: 103.828649°W



**Aerial Site Schematic
 JRU Apache 903H**

FIGURE:

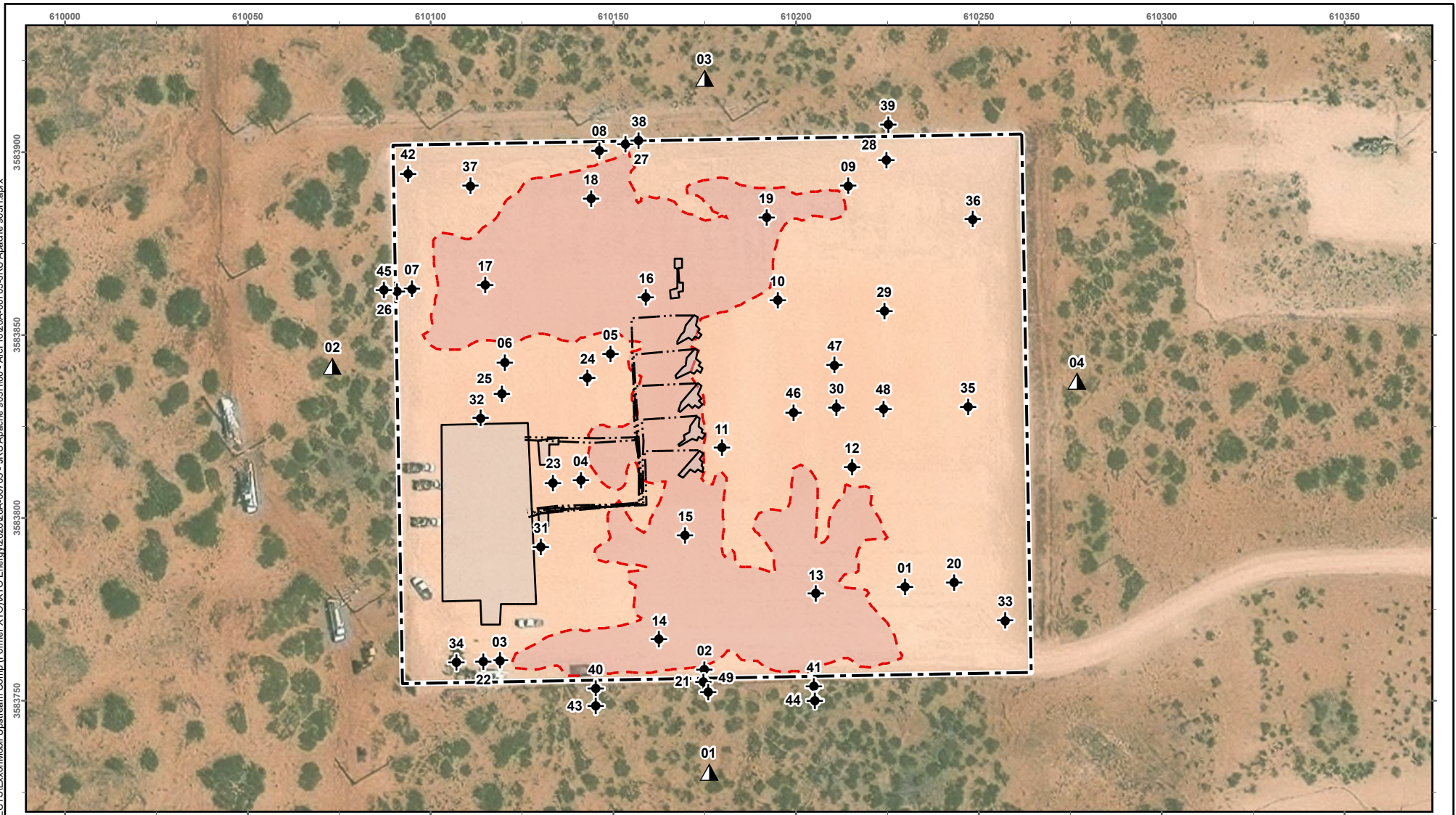
1a



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

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

Document Path: S:\04_Geomatics\1-Projects\1_US_PROJECTS\ExxonMobil_Upsite\Team_Comp\Former_XTO\XTO_Energy\2026\26A-00705 - JRU Apache 903H\00 - ArcPro\26A-00705-JRU Apache 903H.aprx



- Background (Prefixed by "BG26-")
- Borehole (Prefixed by "BH26-")
- Pipeline (Underground)
- Approximate Lease Boundary
- Production Equipment
- Approximate Release Extent (~84,873 sq.ft)



0 50 100 ft.
 NAD 1983 UTM Zone 13N
 Date: May 21/26

Map Center:
 Lat: 32.386015°N,
 Long: 103.828606°W



Characterization Site Sampling Schematic
JRU Apache 903H

FIGURE:
1b

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

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

TABLES

Client Name: ExxonMobil Production Company
 Site Name: JRU Apache 903H
 NMOCD Tracking #: nAPP2602033983
 Project #: 26A-00705
 Lab Reports: H261945, H262017, H262289, H262329 and H262389

Table A. Initial Characterization Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
BH26-01	0	April 1, 2026	ND	ND	10	1,120	275	1,130	1,405	4,000
	2	April 1, 2026	ND	ND	ND	ND	ND	ND	ND	112
BH26-02	0	April 1, 2026	ND	ND	18	2,940	851	2,958	3,809	20,800
BH26-03	0	April 1, 2026	ND	ND	ND	601	192	601	793	3,360
BH26-04	0	April 1, 2026	ND	ND	ND	5,410	1,340	5,410	6,750	41,200
BH26-05	0	April 1, 2026	ND	ND	ND	202	59	202	261	9,520
BH26-06	0	April 1, 2026	ND	ND	ND	141	29	141	170	22,600
BH26-07	0	April 1, 2026	ND	ND	ND	359	113	359	472	4,000
BH26-08	0	April 1, 2026	ND	ND	ND	298	104	298	402	1,600
BH26-09	0	April 1, 2026	ND	ND	ND	268	75	268	343	2,190
BH26-10	0	April 2, 2026	ND	ND	ND	187	52	187	239	4,480
BH26-11	0	April 2, 2026	ND	ND	ND	423	174	423	597	41,200
BH26-12	0	April 2, 2026	ND	ND	ND	503	106	503	609	53,200
	1	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	208
	2	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	96
	3	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	32
	4	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BH26-13	0	April 7, 2026	ND	ND	436	38,600	5,150	39,036	44,186	25,600
	1	April 21, 2026	ND	ND	ND	420	42	420	462	640
	2	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	48
	3	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	48
	4	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	64
BH26-14	0	April 8, 2026	ND	ND	322	27,500	3,110	27,822	30,932	110,000
	1	April 23, 2026	ND	ND	ND	29	ND	29	29	960
	2	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	144
	3	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	96
BH26-15	0	April 8, 2026	ND	ND	808	50,300	4,380	51,108	55,488	102,000
	1	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	992
	2	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	240
	3	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	176
BH26-16	0	April 8, 2026	ND	ND	322	25,600	2,780	25,922	28,702	95,000
	1	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	4,760
	2	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	4,360
	4	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	1,380
	5	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	96
	6	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	96



Client Name: ExxonMobil Production Company
 Site Name: JRU Apache 903H
 NMOCD Tracking #: nAPP2602033983
 Project #: 26A-00705
 Lab Reports: H261945, H262017, H262289, H262329 and H262389

Table A. Initial Characterization Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
BH26-17	0	April 8, 2026	ND	ND	426	46,700	1,120	47,126	48,246	47,000
	1	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	64
	2	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	48
BH26-18	0	April 8, 2026	ND	ND	232	23,000	2,230	23,232	25,462	88,000
	1	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	96
	2	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	80
BH26-19	0	April 8, 2026	ND	ND	448	36,400	252	36,848	37,100	38,400
	1	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	80
	2	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	48
	3	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	48
BH26-20	0	April 2, 2026	ND	ND	ND	944	217	944	1,161	4,240
BH26-21	0	April 2, 2026	ND	ND	ND	19	ND	19	19	10,300
BH26-22	0	April 2, 2026	ND	ND	ND	712	190	712	902	3,800
BH26-23	0	April 2, 2026	ND	ND	ND	786	266	786	1,052	4,600
BH26-24	0	April 2, 2026	ND	ND	171	12,400	3,230	12,571	15,801	36,800
	1	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	272
	2	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	224
BH26-25	0	April 2, 2026	ND	ND	ND	1,390	251	1,390	1,641	26,400
BH26-26	0	April 2, 2026	ND	ND	ND	83	40	83	123	2,400
BH26-27	0	April 20, 2026	ND	ND	ND	152	ND	152	152	2,190
	2	April 20, 2026	ND	ND	ND	253	ND	253	253	1,180
BH26-28	0		ND	ND	ND	405	91	405	496	1,710
BH26-29	0	April 20, 2026	ND	ND	ND	1,020	180	1,020	1,200	9,600
	1	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	1,570
	2	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	240
BH26-30	0	April 20, 2026	ND	ND	ND	172	13	172	185	5,680
	2	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	5,760
	4	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	4,240
	6	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	8,320
	8	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	7,400
	10	April 20, 2026	ND	ND	ND	43	ND	43	43	4,400
	12	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	288
	14	April 20, 2026	ND	ND	ND	51	ND	51	51	3,680
	16	April 22, 2026	ND	ND	ND	10	ND	10	10	1,180
	18	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	640
	20	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	128
	22	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	768
24	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	240	



Client Name: ExxonMobil Production Company
 Site Name: JRU Apache 903H
 NMOCD Tracking #: nAPP2602033983
 Project #: 26A-00705
 Lab Reports: H261945, H262017, H262289, H262329 and H262389

Table A. Initial Characterization Laboratory Results

Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
BH26-31	0	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	336
	2	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	160
BH26-32	0	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	336
	2	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	32
BH26-33	0	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	80
	2	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	128
BH26-34	0	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	112
	2	April 20, 2026	ND	ND	ND	ND	ND	ND	ND	96
BH26-35	0	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	1,170
	2	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	48
BH26-36	0	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	64
	2	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	16
BH26-37	0	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	944
	2	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	64
BH26-38	0	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	320
	1	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	80
BH26-39	0	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	144
	1	April 21, 2026	ND	ND	ND	ND	ND	ND	ND	160
BH26-40	0	April 22, 2026	ND	ND	ND	28	ND	28	28	624
	1	April 22, 2026	ND	ND	ND	66	ND	66	66	816
BH26-41	0	April 22, 2026	ND	ND	ND	41	ND	41	41	896
	1	April 22, 2026	ND	ND	ND	12	ND	12	12	720
BH26-42	0	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	352
	2	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	80
BH26-43	0	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	64
	1	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	32
BH26-44	0	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	80
	1	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	32
BH26-45	0	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	320
	1	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	80
BH26-46	1	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	6,880
	2	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	1,410
	3	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	224
	4	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	32
BH26-47	1	April 22, 2026	ND	ND	ND	64	ND	64	64	9,730
	2	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	2,320
	3	April 22, 2026	ND	ND	ND	79	ND	79	79	1,920
	4	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	128



Client Name: ExxonMobil Production Company
 Site Name: JRU Apache 903H
 NMOCD Tracking #: nAPP2602033983
 Project #: 26A-00705
 Lab Reports: H261945, H262017, H262289, H262329 and H262389

Table A. Initial Characterization Laboratory Results										
Sample Description			Petroleum Hydrocarbons							Inorganic
Sample ID	Depth (ft)	Sample Date	Volatile		Extractable					Chloride Concentration (mg/kg)
			Benzene (mg/kg)	BTEX (Total) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Diesel Range Organics (DRO) (mg/kg)	Motor Oil Range Organics (MRO) (mg/kg)	(GRO + DRO) (mg/kg)	Total Petroleum Hydrocarbons (TPH) (mg/kg)	
BH26-48	1	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	336
	2	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	48
	3	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	48
	4	April 22, 2026	ND	ND	ND	ND	ND	ND	ND	ND
BH26-49	1	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	1,810
	2	April 23, 2026	ND	ND	ND	ND	ND	ND	ND	400
	3	April 23, 2026	ND	ND	ND	11	ND	11	11	240
BG26-01	0	April 7, 2026	ND	ND	ND	ND	ND	ND	ND	48
	1	April 7, 2026	ND	ND	ND	ND	ND	ND	ND	112
BG26-02	0	April 7, 2026	ND	ND	ND	ND	ND	ND	ND	32
	1	April 7, 2026	ND	ND	ND	ND	ND	ND	ND	32
BG26-03	0	April 7, 2026	ND	ND	ND	ND	ND	ND	ND	48
	1	April 7, 2026	ND	ND	ND	ND	ND	ND	ND	32
BG26-04	0	April 7, 2026	ND	ND	ND	ND	ND	ND	ND	48
	1	April 7, 2026	ND	ND	ND	ND	ND	ND	ND	64

"ND" Not Detected at the Reporting Limit

"-" indicates not analyzed/assessed

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



APPENDIX A. CLOSURE CRITERIA

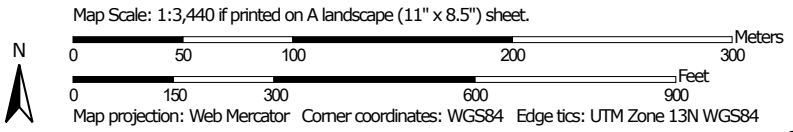
Closure Criteria Determination Table			
Site Name: JRU Apache 903H			
Spill Coordinates: 32.38578, -103.8282		X: UTM easting	Y: UTM northing
Site Specific Conditions		Value	Unit
1	Depth to Groundwater (nearest reference)	>55	feet
	Distance between release and nearest DTGW reference	5,164	feet
		0.98	miles
Date of nearest DTGW reference measurement		December 18, 2023	
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	1,901	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	26,083	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	20,142	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	104,751	feet
	ii) Within 1000 feet of any fresh water well or spring	104,751	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	feet
7	Within 300 feet of a wetland	10,349	feet
8	Within the area overlying a subsurface mine	No	feet
	Distance between release and nearest registered mine	20,099	feet
9	Within an unstable area (Karst Map)	Low	Critical High Medium Low
	Distance between release and nearest unstable area	8,773	feet
10	Within a 100-year Floodplain	No	year
	Distance between release and nearest FEMA Zone A (100-year Floodplain)	28,531	feet
11	Soil Type	Berino-Dune land complex	
12	Ecological Classification	R070BC007NM Loamy	
13	Geology	Piedmont alluvial deposits	
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	<50'	<50' 51-100' >100'

PLATE 1

Custom Soil Resource Report Soil Map




Soil Map may not be valid at this scale.



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

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

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

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

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

Custom Soil Resource Report

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BA	Berino loamy fine sand, 0 to 3 percent slopes	3.3	5.4%
BB	Berino complex, 0 to 3 percent slopes, eroded	17.9	28.9%
BD	Berino-Dune land complex, 0 to 3 percent slopes	39.4	63.5%
PA	Pajarito loamy fine sand, 0 to 3 percent slopes, eroded	1.4	2.2%
Totals for Area of Interest		62.0	100.0%

Map Unit Descriptions

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

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

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

Custom Soil Resource Report

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.

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

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

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

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

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

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

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

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

Custom Soil Resource Report

Eddy Area, New Mexico**BA—Berino loamy fine sand, 0 to 3 percent slopes****Map Unit Setting**

National map unit symbol: 1w42
Landscape: Uplands
Elevation: 2,000 to 5,700 feet
Mean annual precipitation: 6 to 14 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 260 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 99 percent
Minor components: 1 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino**Setting**

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

Typical profile

H1 - 0 to 12 inches: loamy fine sand
H2 - 12 to 58 inches: sandy clay loam
H3 - 58 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.4 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Custom Soil Resource Report

Minor Components

Pajarito

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

BB—Berino complex, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w43
Landscape: Uplands
Elevation: 2,000 to 5,700 feet
Mean annual precipitation: 5 to 15 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 260 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 60 percent
Pajarito and similar soils: 25 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

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

Typical profile

H1 - 0 to 17 inches: fine sand
H2 - 17 to 58 inches: sandy clay loam
H3 - 58 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent

Custom Soil Resource Report

Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Description of Pajarito**Setting**

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

Typical profile

H1 - 0 to 9 inches: loamy fine sand
H2 - 9 to 72 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.0 inches)

Interpretive groups

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

Minor Components**Pajarito**

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Wink

Percent of map unit: 4 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Custom Soil Resource Report

Cacique

Percent of map unit: 4 percent
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Kermit

Percent of map unit: 3 percent
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

BD—Berino-Dune land complex, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w44
Landscape: Uplands
Elevation: 2,450 to 5,500 feet
Mean annual precipitation: 8 to 15 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 45 percent
Dune land: 40 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

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

Typical profile

H1 - 0 to 17 inches: fine sandy loam
H2 - 17 to 50 inches: sandy clay loam
H3 - 50 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Custom Soil Resource Report

Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.7 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Description of Dune Land

Setting

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

Typical profile

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

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydric soil rating: No

Minor Components

Active dune land

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

Cacique

Percent of map unit: 5 percent
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Kermit

Percent of map unit: 5 percent
Ecological site: R070BD005NM - Deep Sand
Hydric soil rating: No

Custom Soil Resource Report

PA—Pajarito loamy fine sand, 0 to 3 percent slopes, eroded**Map Unit Setting**

National map unit symbol: 1w54
Landscape: Uplands
Elevation: 2,700 to 5,500 feet
Mean annual precipitation: 5 to 15 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 250 days
Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pajarito**Setting**

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

Typical profile

H1 - 0 to 13 inches: loamy fine sand
H2 - 13 to 36 inches: fine sandy loam
H3 - 36 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 7.9 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7e

Custom Soil Resource Report

Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Wink

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Berino

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

References

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

Custom Soil Resource Report

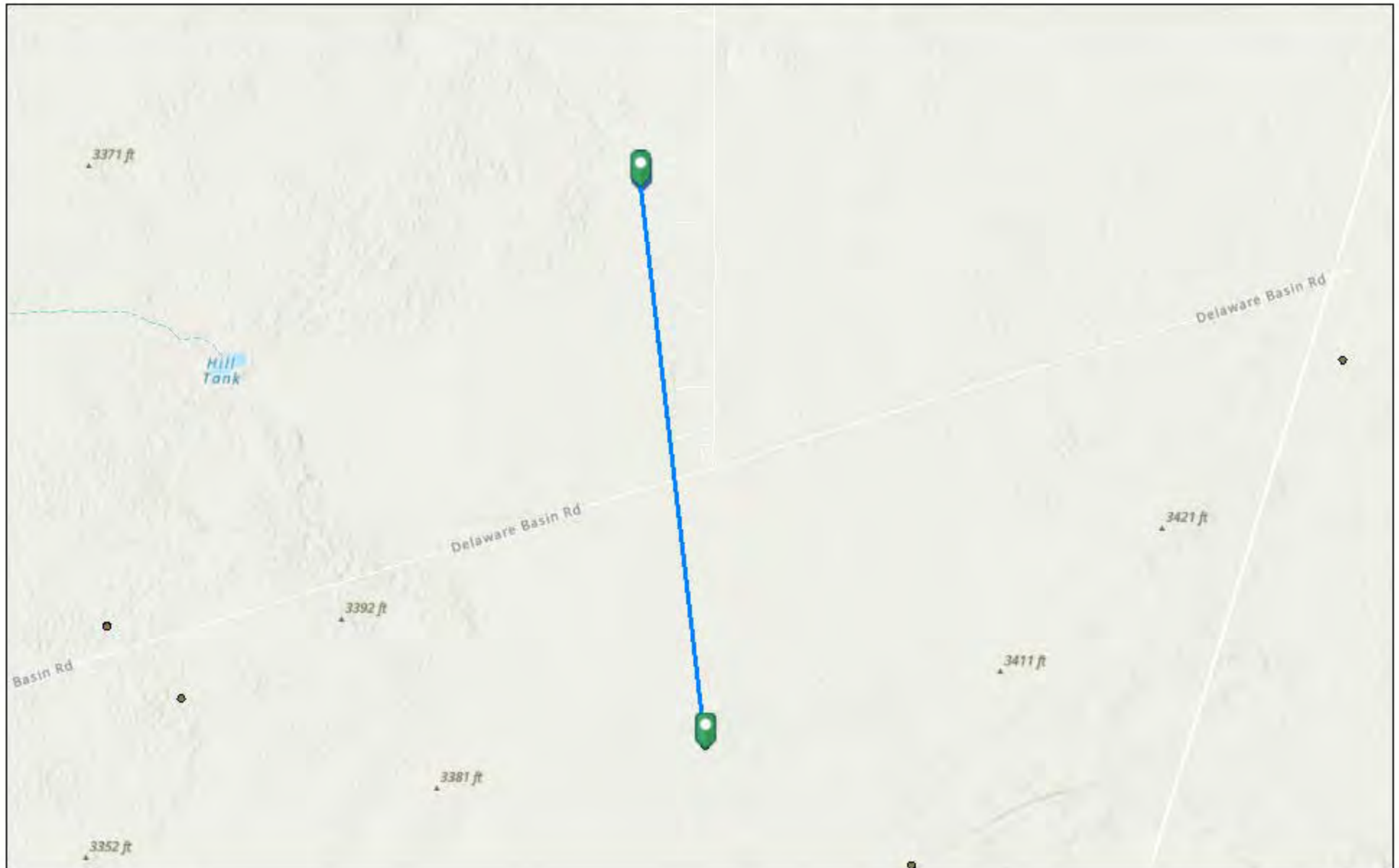
United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

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

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

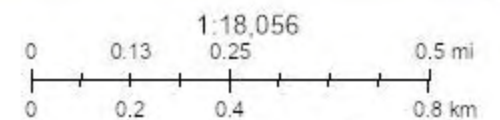
PLATE 2

01_JRU Apache 903H_USGS Water



2/6/2026, 11:51:06 AM

● OSE Points of Diversion



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

New Mexico Oil Conservation Division

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



WELL RECORD & LOG Apache 24

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4773 POD1		WELL TAG ID NO.		OSE FILE NO(S) C04773		
	WELL OWNER NAME(S) Devon Energy Resources				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 205 E. Bender Road # 105				CITY Hobbs	STATE NM	ZIP 88240
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 32	SECONDS 22	18.7752	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84
		LONGITUDE	-103	49	34.7196	W	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							

2. DRILLING & CASING INFORMATION	LICENSE NO. 1833	NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources			
	DRILLING STARTED 12-15-23	DRILLING ENDED 12-15-23	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) Dry	DATE STATIC MEASURED 12-18-23		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	45'	6"	2" PVC SCH40	Thread	2"	SCH40	N/A
	45'	55"	6"	2" PVC SCH40	Thread	2"	SCH40	.05

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				None Pulled and Plugged		

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	C-4773	POD NO.	1	TRN NO.	751177
LOCATION	225.30E.24	444	WELL TAG ID NO.	N/A	PAGE 1 OF 2

PLATE 3



3.1_JRU Apache 903H_Watercourse_1901



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

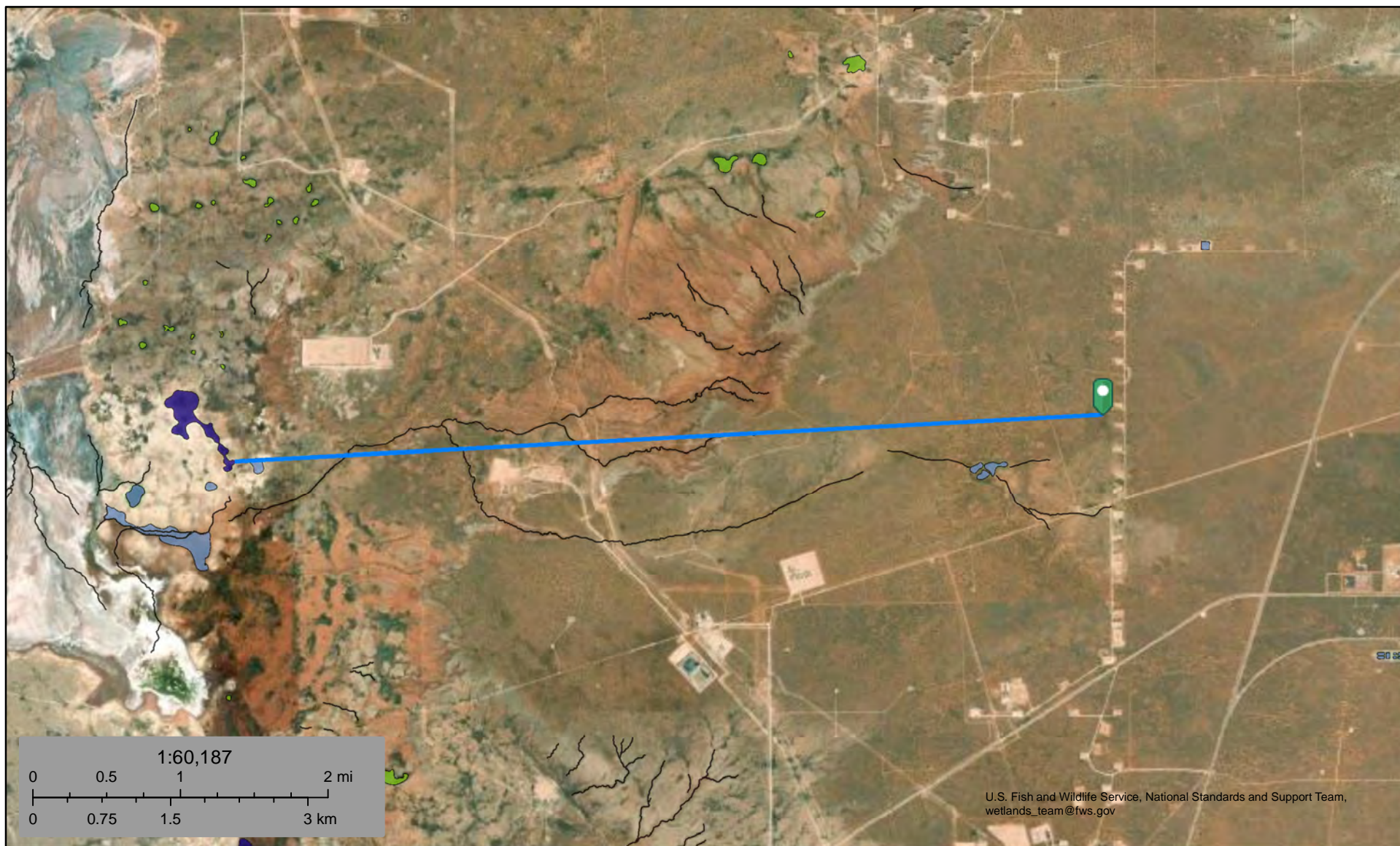
February 4, 2026

Wetlands

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



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

3.2_JRU Apache 903H_Lake_26083 ft



February 4, 2026

Wetlands



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

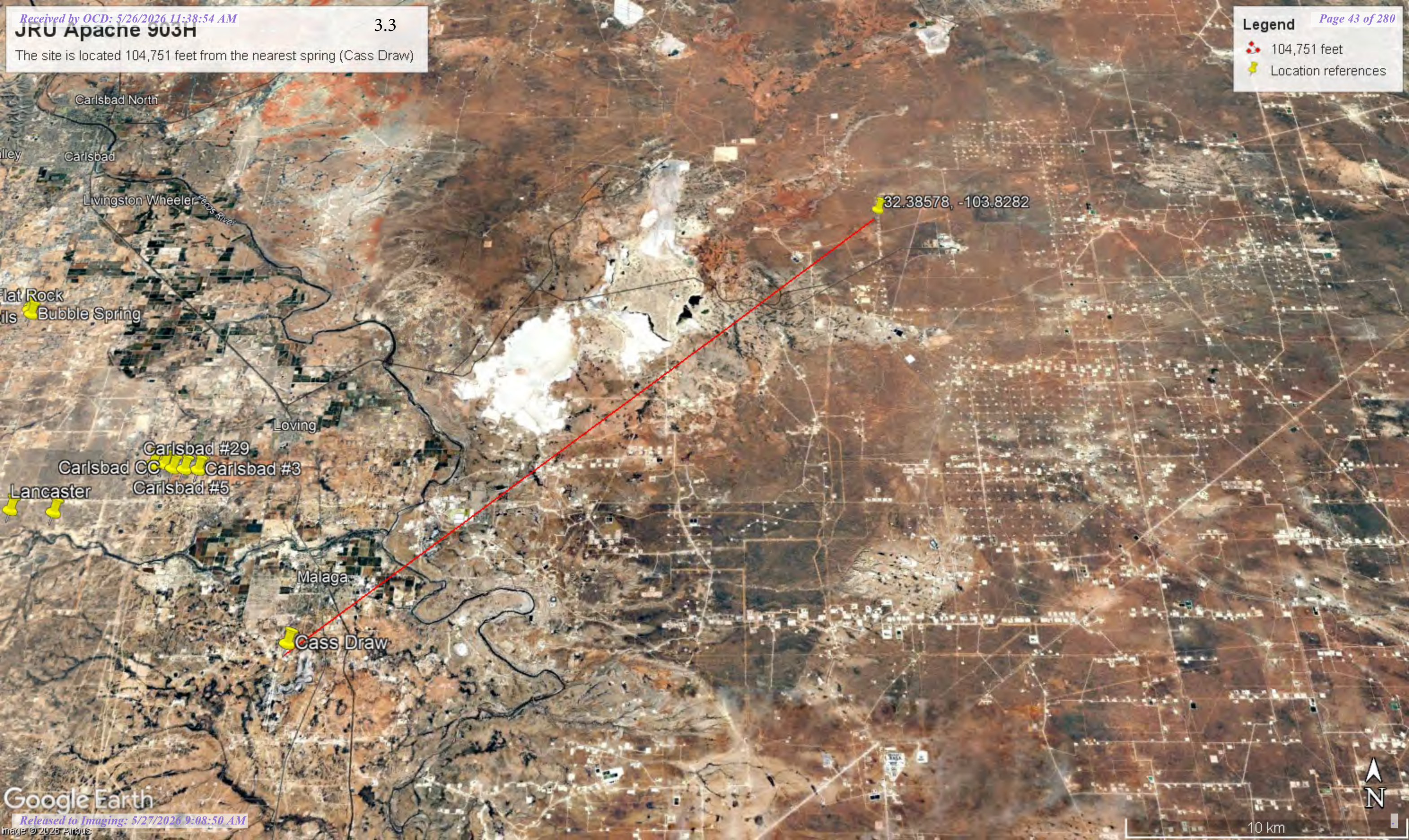
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

JRU Apache 903H

The site is located 104,751 feet from the nearest spring (Cass Draw)

Legend

-  104,751 feet
-  Location references



32.38578, -103.8282

Cass Draw





PLATE 4

JRU Apache 903H

Site is located 20,142 feet away from closest residence

Legend

-  20,142 feet
-  Location references



32.38578, -103.8282

Residence

Official Scenic Historic Markers



PLATE 5



JRU Apache 903H_Wetland_10349 ft



February 4, 2026

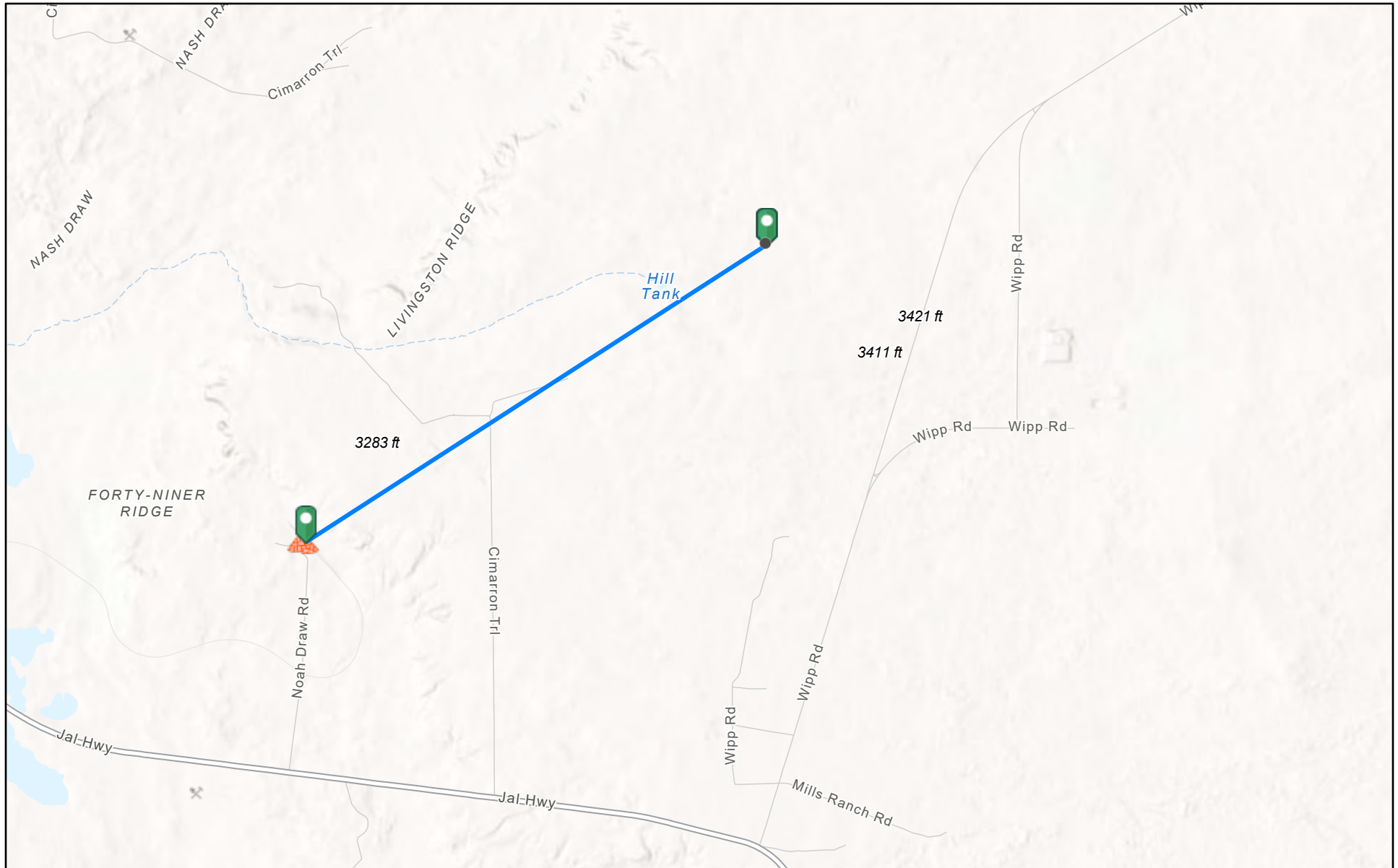
Wetlands

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

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

PLATE 6

08_JRU Apache 903H_Mine_20099 ft



2/5/2026, 11:37:35 AM

Registered Mines

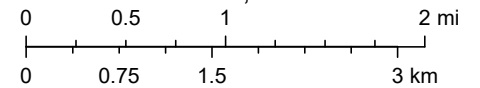


Potash



Aggregate, Stone etc.

1:72,224



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

EMNRD MMD GIS Coordinator

PLATE 7

09_JRU Apache 903H_Karst_8773 ft



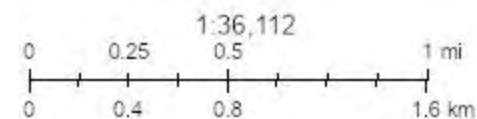
2/4/2026, 3:22:12 PM

Karst Occurrence Potential

- High
- Medium

- Low
- OCD Districts

- PLSS First Division
- PLSS Townships



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

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. <http://nm-emnrd.maps.arcgis.com/apo/webappviewer/index.html?id=4d017f2305164de29fd2f09f8135ca75>; New Mexico Oil Conservation Division

PLATE 8

National Flood Hazard Layer FIRMette



103°50'W 32°23'24"N



Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/5/2026 at 1:55 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



1:6,000

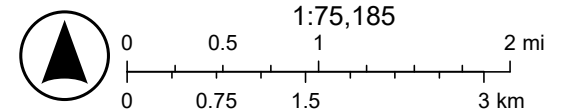
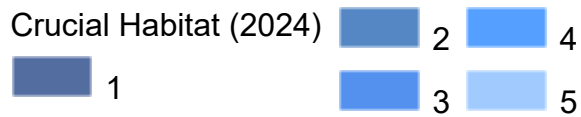
103°49'23"W 32°22'54"N

APPENDIX B. BIOLOGICAL REVIEW

JRU Apache 903H_Crucial Habitat

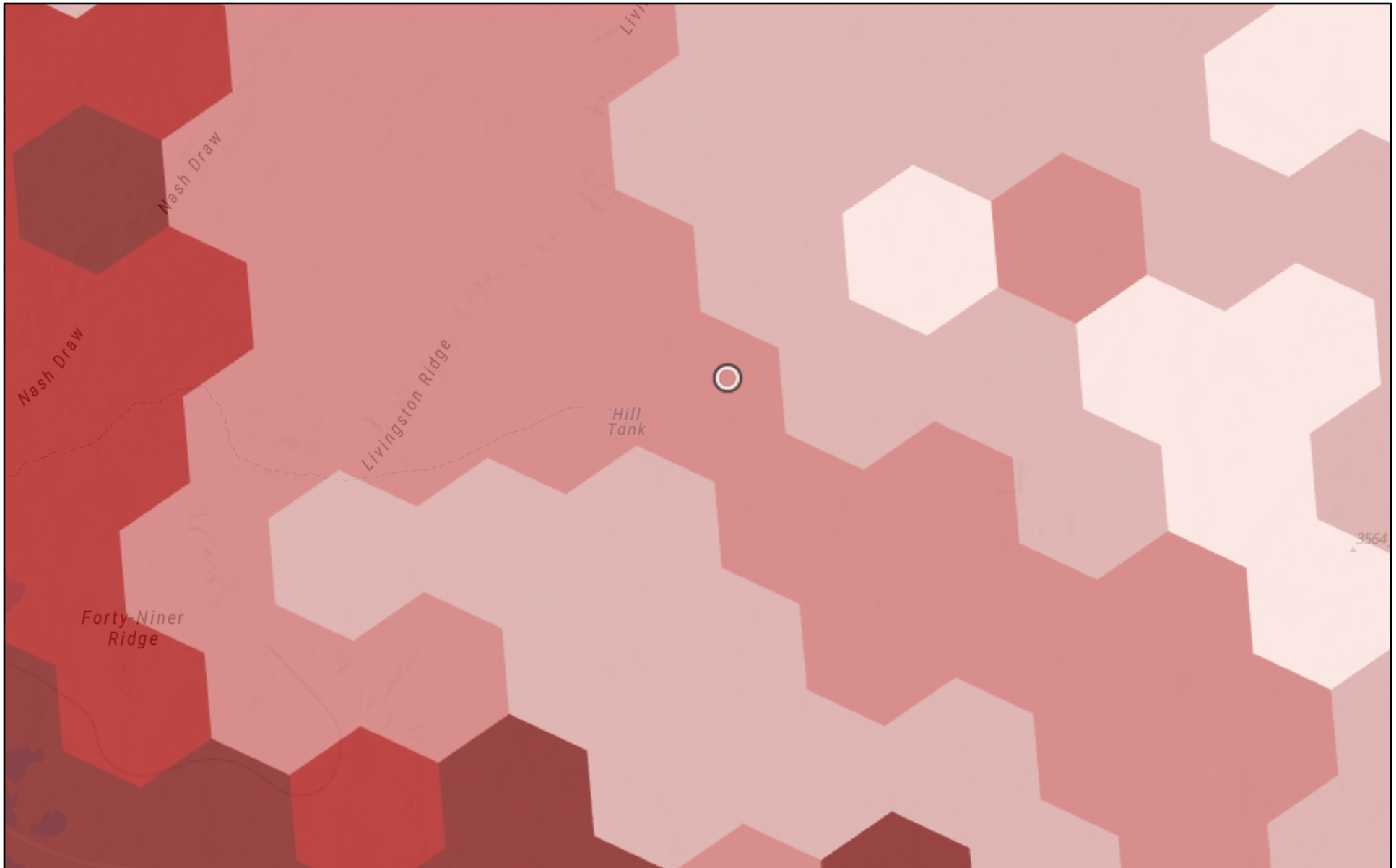


2/5/2026



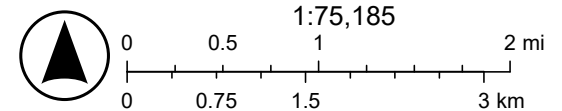
Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

JRU Apache 903H_Species of Concern



2/5/2026

Species of Concern (2024)



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



United States Department of the Interior



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

In Reply Refer To:
Project Code: 2026-0045867
Project Name: JRU Apache 903H

02/05/2026 16:32:51 UTC

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

To Whom It May Concern:

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

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

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

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

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

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

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

Candidate Species and Other Sensitive Species

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

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

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

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

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

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

WETLANDS AND FLOODPLAINS

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

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

MIGRATORY BIRDS

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

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

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

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

Project code: 2026-0045867

02/05/2026 16:32:51 UTC

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

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

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

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

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

This species list is provided by:

New Mexico Ecological Services Field Office

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

(505) 346-2525

Project code: 2026-0045867

02/05/2026 16:32:51 UTC

PROJECT SUMMARY

Project Code: 2026-0045867
Project Name: JRU Apache 903H
Project Type: General NRDAR/Spill Response/Environmental Contaminants
Project Description: Remediation activities
Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@32.38577815,-103.82766823233098,14z>



Counties: Eddy County, New Mexico

ENDANGERED SPECIES ACT SPECIES

There is a total of 4 threatened, endangered, or candidate species on this species list.

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

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

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

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

Project code: 2026-0045867

02/05/2026 16:32:51 UTC

BIRDS

NAME	STATUS
Northern Aplomado Falcon <i>Falco femoralis septentrionalis</i> Population: U.S.A (AZ, NM) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1923 General project design guidelines: https://ipac.ecosphere.fws.gov/project/4R6IXIBHKJGRFHQ4QQVAMGPTBM/documents/generated/8928.pdf	Experimental Population, Non- Essential
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened

CLAMS

NAME	STATUS
Texas Hornshell <i>Popenaias popeii</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/919 General project design guidelines: https://ipac.ecosphere.fws.gov/project/4R6IXIBHKJGRFHQ4QQVAMGPTBM/documents/generated/9180.pdf	Endangered

INSECTS

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

CRITICAL HABITATS

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

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

Project code: 2026-0045867

02/05/2026 16:32:51 UTC

IPAC USER CONTACT INFORMATION

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



26R-01073

Ecological Review & Summary

JRU Apache 903H

API: 30-015-55855

Lease Number: NMNM105367173

Coordinates: 32.385909, -103.828700001

Prepared for:

ExxonMobil Production Company

Prepared by:

Vertex Resource Services Inc.

Becca Stallings

February 13, 2026

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

Date

The proximity of the site to the closest receiving waterbody, listed in the National Wetland Inventory Mapper as a Riverine Intermittently Flooded Streambed (R4SBJ), is approximately 1,901 feet to the southwest, and the closest freshwater wetland, Palustrine Emergent Persistent Temporarily Flooded Wetland (PEM1A), is 10,349 feet to the northwest. The site generally slopes in the northwest direction; however, due to the distance from the site and the release remaining on pad, the site activities are unlikely to impact nearby waterbodies. The site's primary soil profile includes Berino-Dune land complex that is well-drained with low runoff. The site is within the piedmont alluvial deposits and known gypsum (with evaporite deposits) karst features. These environmental factors are accompanied by a medium concentration of crucial habitat and New Mexico-listed threatened or endangered species for Eddy County, New Mexico. State-listed species with the potential to occur in Eddy County were reviewed for potential to occur within the project boundaries. Per the United States Fish and Wildlife Service, the site has the potential for the following threatened and endangered species to occur: northern aplomado falcon (*Falco femoralis septentrionalis* – experimental population), piping plover (*Charadrius melodus* – threatened), Texas hornshell (*Popenaias popeii* – endangered), and monarch butterfly (*Danaus plexippus* – proposed threatened). These species were also reviewed for potential to occur within the project boundaries. Due to the release occurring within the disturbance limits of the existing oil and gas pad, it is unlikely that the site activities will impact any federal- or state-protected species during remediation activities. Based on the desktop environmental review, a biological survey is not recommended.

APPENDIX C. DAILY FIELD REPORTS



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

02/10/2026

Location: Default Site Location

By: Riley Arnold

Weather	Cloudy	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	12:38	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2602033983

Work Summary:

Site visit

Time Observations

14:38:52 Access to release was restricted due to Frac operations

Pictures/Attachments

Date: 2/10/2026
 Time: 14:40
 Notes:
 Latitude: 32.38664110254016
 Longitude: -103.82727632073806
 Direction: W





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 2/10/2026
Time: 14:40
Notes:
Latitude: 32.38664110254016
Longitude: -103.82727632073806
Direction: W





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 2/10/2026
Time: 14:40
Notes:
Latitude: 32.38664110254016
Longitude: -103.82727632073806
Direction: W





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

03/13/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	14:25	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2602033983

Work Summary:

811 flags placed 811 call made

Time Observations

14:26:37 Travel to site / safety paperwork

14:26:49 811 flags placed

14:27:06 811 call made

14:52:51 811 ticket number: 26MA130603

Inspector: Riley Arnold

Pictures/Attachments

Date: 3/13/2026
 Time: 14:29
 Notes: 811 flags
 Latitude: 32.386802777777774
 Longitude: -103.82815555555555
 Direction: SW





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 3/13/2026
Time: 14:35
Notes: Large portion of the pad has obvious chloride and oil stains
Latitude: 32.37996944444445
Longitude: -103.83966944444444
Direction: SE



Date: 3/13/2026
Time: 14:35
Notes: Large portion of the pad has obvious chloride and oil stains
Latitude: 32.37996944444445
Longitude: -103.83966944444444
Direction: SE





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 3/13/2026
Time: 14:35
Notes: Large portion of the pad has obvious chloride and oil stains
Latitude: 32.37983055555556
Longitude: -103.83993611111111
Direction: SE





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

04/01/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	10:24	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2602033983

Work Summary:

Delineation

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

07:35:05 Travel to site/ safety paperwork

10:55:37 Release area, product equipment, and lines were mapped out

15:02:40 BH26-01 through BH26-09 were collected at 0'

15:03:01 BH26-01 was collected at 1'

15:03:13 All samples were field screened, all samples exceed closure criteria at 0' and will be stepped out tomorrow

Inspector: Riley Arnold



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/1/2026
Time: 11:50
Notes: Staining on large portion of the pad
Latitude: 32.38617222222222
Longitude: -103.82874444444444
Direction: S



Default Site Location | Lat: 32.38617, Lon: -103.82874 | Azimuth: 182.2 S , Wed, Apr 1, 2026 11:50

Date: 4/1/2026
Time: 11:50
Notes: Staining on large portion of the pad
Latitude: 32.38610833333333
Longitude: -103.82885555555555
Direction: S



Default Site Location | Lat: 32.38611, Lon: -103.82886 | Azimuth: 204.8 SW , Wed, Apr 1, 2026 11:50



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/1/2026
Time: 11:50
Notes: Staining on large portion of the pad
Latitude: 32.38594444444444
Longitude: -103.82916388888889
Direction: S



Default Site Location | Lat: 32.38594, Lon: -103.82916 | Azimuth: 186.3 S , Wed, Apr 1, 2026 11:50

Date: 4/1/2026
Time: 11:51
Notes: Staining on large portion of the pad
Latitude: 32.38563055555556
Longitude: -103.82972777777778
Direction: W



Default Site Location | Lat: 32.38563, Lon: -103.82973 | Azimuth: 246.6 SW , Wed, Apr 1, 2026 11:51



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/1/2026
Time: 11:52
Notes: Staining on large portion of the pad
Latitude: 32.38533055555555
Longitude: -103.83026944444444
Direction: W



Default Site Location | Lat: 32.38533, Lon: -103.83027 | Azimuth: 289.7 W , Wed, Apr 1, 2026 11:52

Date: 4/1/2026
Time: 11:52
Notes: Staining on large portion of the pad
Latitude: 32.38549722222222
Longitude: -103.82869722222222
Direction: W



Default Site Location | Lat: 32.38550, Lon: -103.82870 | Azimuth: 298.8 NW , Wed, Apr 1, 2026 11:52



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/1/2026
Time: 11:53
Notes: Staining on large portion of the pad
Latitude: 32.385438888888885
Longitude: -103.82819444444443
Direction: E



Default Site Location | Lat: 32.38544, Lon: -103.82819 | Azimuth: 96.0 E , Wed, Apr 1, 2026 11:53

Date: 4/1/2026
Time: 13:04
Notes: BH26-01 @ 0'
BH26-01 @ 1'
Latitude: 32.385575
Longitude: -103.82813333333333
Direction: S



Default Site Location | Lat: 32.38558, Lon: -103.82813 | Azimuth: 172.3 S , Wed, Apr 1, 2026 13:04



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/1/2026
Time: 13:14
Notes: BH26-02 @ 0'
Latitude: 32.38538611111111
Longitude: -103.82869722222222
Direction: NE



Date: 4/1/2026
Time: 13:17
Notes: BH26-03 @ 0'
Latitude: 32.385469444444446
Longitude: -103.82927777777778
Direction: E





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/1/2026
Time: 13:21
Notes: BH26-04 @ 0'
Latitude: 32.38587222222222
Longitude: -103.82911111111111
Direction: E



Date: 4/1/2026
Time: 13:24
Notes: BH26-05 @ 0'
Latitude: 32.38619722222222
Longitude: -103.82894722222221
Direction: W





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/1/2026
Time: 13:28
Notes: BH26-06 @ 0'
Latitude: 32.386158333333334
Longitude: -103.82928611111111
Direction: S



Default Site Location | Lat: 32.38616, Lon: -103.82929 | Azimuth: 161.4 S , Wed, Apr 1, 2026 13

Date: 4/1/2026
Time: 13:33
Notes: BH26-07 @ 0'
Latitude: 32.386302777777778
Longitude: -103.82951388888888
Direction: S



Default Site Location | Lat: 32.38630, Lon: -103.82951 | Azimuth: 156.2 SE , Wed, Apr 1, 2026 13



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/1/2026
Time: 13:36
Notes: BH26-08 @ 0'
Latitude: 32.38667222222224
Longitude: -103.8289861111111
Direction: S



Default Site Location | Lat: 32.38667, Lon: -103.82899 | Azimuth: 163.3 S , Wed, Apr 1, 2026 13

Date: 4/1/2026
Time: 13:41
Notes: BH26-09 @ 0'
Latitude: 32.386627777777775
Longitude: -103.82826944444444
Direction: E



Default Site Location | Lat: 32.38663, Lon: -103.82827 | Azimuth: 115.7 SE , Wed, Apr 1, 2026 13



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

04/02/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	09:45	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2602033983

Work Summary:

Delineation

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

10:58:09	Travel to site/ safety paperwork
10:58:23	Proposed sample points were added to the map to step out BH26-01 through BH26-09
10:58:57	BH26-10 through BH26-12 were collected at 0'
12:08:14	BH26-20 through BH26-26 were collected at 0'
13:28:19	Samples were jarred and labeled
13:28:26	All samples were field screened
15:24:14	Coc's were created

Inspector: Riley Arnold



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/2/2026
Time: 11:18
Notes: BH26-10 @ 0'
Latitude: 32.386319444444446
Longitude: -103.828461111111111
Direction: S



Date: 4/2/2026
Time: 11:23
Notes: BH26-11 @ 0'
Latitude: 32.386002777777776
Longitude: -103.828583333333333
Direction: SE





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/2/2026
Time: 11:27
Notes: BH26-12 @ 0'
Latitude: 32.38589722222222
Longitude: -103.82823055555555
Direction: N



Default Site Location | Lat: 32.38590, Lon: -103.82823 | Azimuth: 17.1 N , Thu, Apr 2, 2026 11:27

Date: 4/2/2026
Time: 11:31
Notes: BH26-20 @ 0'
Latitude: 32.385558333333336
Longitude: -103.82796388888889
Direction: SW



Default Site Location | Lat: 32.38556, Lon: -103.82796 | Azimuth: 211.4 SW , Thu, Apr 2, 2026 11:31



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/2/2026
Time: 11:34
Notes: BH26-21 @ 0'
Latitude: 32.38537777777778
Longitude: -103.82871111111111
Direction: E



Date: 4/2/2026
Time: 11:39
Notes: BH26-22 @ 0'
Latitude: 32.38545277777778
Longitude: -103.82934444444444
Direction: W





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

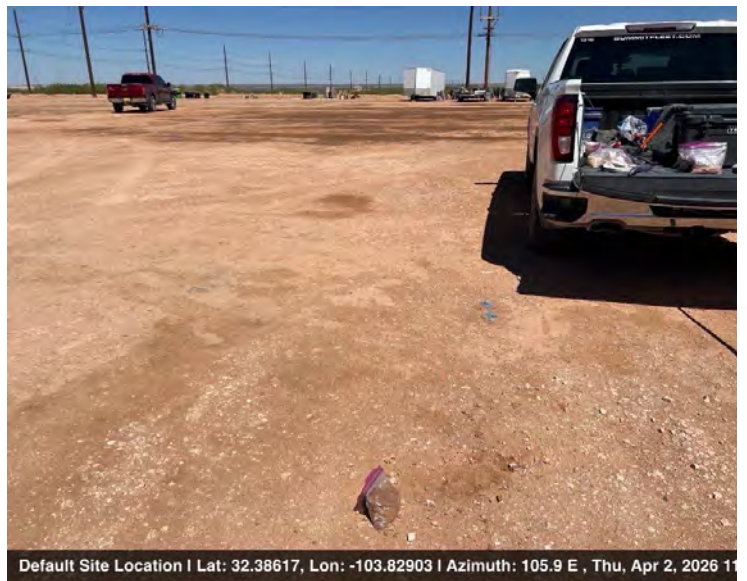
Pictures/Attachments

Date: 4/2/2026
Time: 11:48
Notes: BH26-23 @ 0'
Latitude: 32.38614444444445
Longitude: -103.82900277777777
Direction: S



Default Site Location | Lat: 32.38614, Lon: -103.82900 | Azimuth: 155.7 SE , Thu, Apr 2, 2026 11:48

Date: 4/2/2026
Time: 11:49
Notes: BH26-24 @ 0'
Latitude: 32.386172222222222
Longitude: -103.829025
Direction: E



Default Site Location | Lat: 32.38617, Lon: -103.82903 | Azimuth: 105.9 E , Thu, Apr 2, 2026 11:49



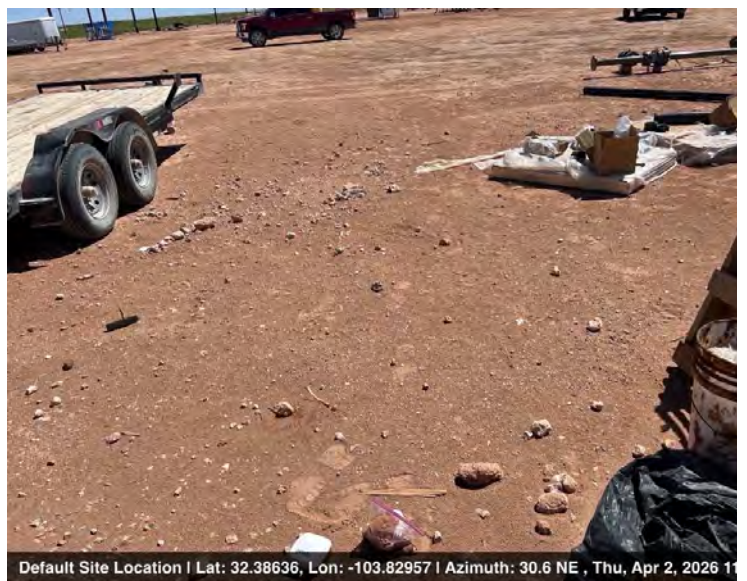
Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/2/2026
Time: 11:52
Notes: BH26-25 @ 0'
Latitude: 32.38607777777778
Longitude: -103.82927777777778
Direction: S



Date: 4/2/2026
Time: 11:55
Notes: BH26-26 @ 0'
Latitude: 32.386355555555554
Longitude: -103.82957499999999
Direction: NE





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

04/07/2026

Location: Default Site Location

By: Riley Arnold

Weather	Cloudy	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	09:15	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2602033983

Work Summary:

Delineation

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

10:31:38 Travel to site/ safety paperwork

10:32:17 Multiple activities on site

10:32:30 BG26-01 through BG26-04 were collected at 0' and 1'

11:32:58 BS26-27 and BS26-28 were collected at 0'

13:02:16 Heavy rain began affecting samples, so only dry samples were field screened

15:02:01 Coc's were created

15:02:06 Samples were jarred and labeled

Inspector: Riley Arnold



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/7/2026
Time: 10:44
Notes: BG26-01 @ 0'
BG26-01 @ 1'
Latitude: 32.38514444444444
Longitude: -103.82870555555556
Direction: S



Date: 4/7/2026
Time: 10:49
Notes: BG26-02 @ 0'
BG26-02 @ 1'
Latitude: 32.38618888888889
Longitude: -103.82974999999999
Direction: SE





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/7/2026
Time: 10:54
Notes: BG26-03 @ 0'
BG26-03 @ 1'
Latitude: 32.38684722222222
Longitude: -103.82868888888889
Direction: W



Date: 4/7/2026
Time: 11:00
Notes: BG26-04 @ 0'
BG26-04 @ 1'
Latitude: 32.386094444444446
Longitude: -103.82758333333332
Direction: S





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

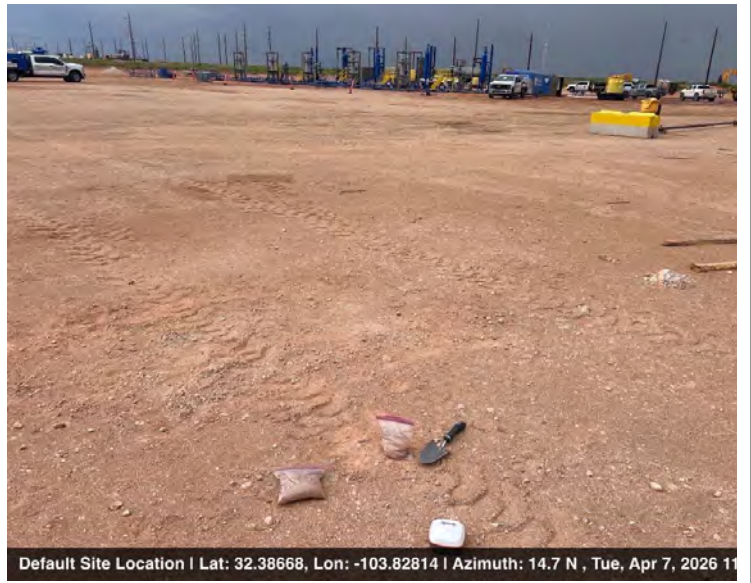
Pictures/Attachments

Date: 4/7/2026
Time: 11:10
Notes: BH26-27 @ 0'
Latitude: 32.38669722222224
Longitude: -103.82886388888889
Direction: S



Default Site Location | Lat: 32.38670, Lon: -103.82886 | Azimuth: 183.1 S , Tue, Apr 7, 2026 11:10

Date: 4/7/2026
Time: 11:12
Notes: BH26-28 @ 0'
Latitude: 32.38668055555556
Longitude: -103.82813888888889
Direction: N



Default Site Location | Lat: 32.38668, Lon: -103.82814 | Azimuth: 14.7 N , Tue, Apr 7, 2026 11:12



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/7/2026
Time: 12:38
Notes: BH26-13 @ 0'
Latitude: 32.38562222222224
Longitude: -103.82839166666666
Direction: N





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

04/08/2026

Location: Default Site Location

By: Riley Arnold

Weather	Clear	Contractor	
Staff On-site	Riley Arnold	Contractor Crew	
Staff From Time	10:36	Equipment On Site	Hand tools
Tailgate meeting conducted	NA	Incident ID Number	nAPP2602033983

Work Summary:

Surface sampling

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

11:13:17	BH26-14 through BH26-19 were collected at 0'
----------	--

11:13:41	Samples were jarred and labeled
----------	---------------------------------

11:13:51	Coc's were created
----------	--------------------

Inspector: Riley Arnold

Pictures/Attachments

Date: 4/8/2026
 Time: 11:21
 Notes: BH26-15 @ 0'
 Latitude: 32.385475
 Longitude: -103.82885
 Direction: N





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/8/2026
Time: 11:23
Notes: BH26-16 @ 0'
Latitude: 32.38547222222222
Longitude: -103.82886388888889
Direction: SE



Date: 4/8/2026
Time: 11:25
Notes: BH26-17 @ 0'
Latitude: 32.386355555555554
Longitude: -103.82929999999999
Direction: E





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/8/2026
Time: 11:27
Notes: BH26-18 @ 0'
Latitude: 32.386561111111114
Longitude: -103.829025
Direction: S



Date: 4/8/2026
Time: 11:29
Notes: BH26-19 @ 0'
Latitude: 32.386547222222222
Longitude: -103.829025
Direction: SW





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

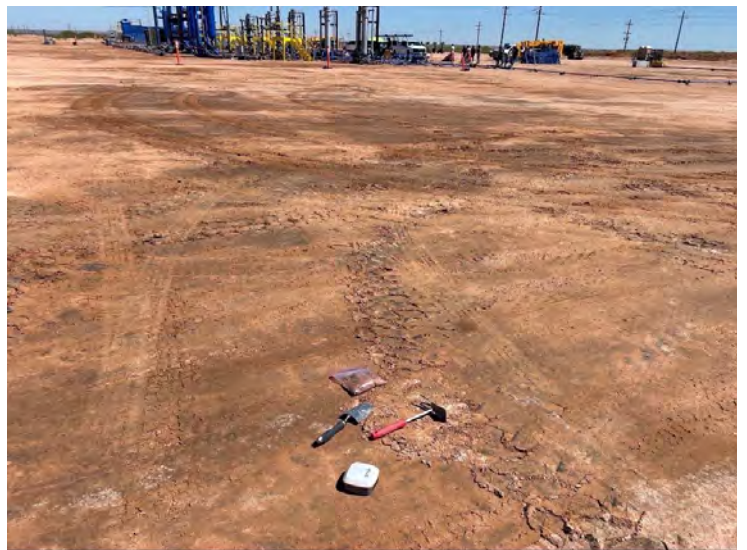
Pictures/Attachments

Date: 4/8/2026
Time: 11:33
Notes: Flow back increasing staining
Latitude: 32.38558611111111
Longitude: -103.82861388888888
Direction: E



Default Site Location | Lat: 32.38559, Lon: -103.82861 | Azimuth: 91.0° E, Wed, Apr 8, 2026 11:33

Date: 4/8/2026
Time: 11:19
Notes: BH26-14 @ 0'
Latitude: 32.385475
Longitude: -103.82885
Direction: NE



Default Site Location | Lat: 32.38547, Lon: -103.82885 | Azimuth: 37.8° NE, Wed, Apr 8, 2026 11:19



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

04/20/2026

Location: Default Site Location

By: Riley Arnold

Table with 4 columns: Field Name, Value, Field Name, Value. Rows include Weather (Clear), Staff On-site (Riley Arnold), Staff From Time (08:00), Tailgate meeting conducted (Yes), Contractor (Tex Mex Construction), Contractor Crew (Peter and crew), Equipment On Site (Backhoe), Incident ID Number (nAPP2602033983).

Work Summary:

Mechanical delineation

Time Observations

Table with 2 columns: Time, Observations. Rows include: 08:48:00 Travel to site/ safety paperwork/ tailgate safety meeting; 09:30:33 Waited permit to be approved; 15:03:37 It was determined that the pad has been scraped and contaminated material is in the berms on the north and south edges of the pad; 15:04:16 A section of the berm was removed and sample BH26-27 was collected at 0' and 2' beneath the berm; 15:05:01 BH26-30 was collected from 0 - 14' field screen results showed chloride levels exceeding site criteria at each depth, an excavator will have to be brought in to excavate past 14'; 15:06:27 BH26-31 through BH26-34 were sampled at 0' and 2' to define release edges. The field screen results for these samples were within closure criteria; 15:07:27 Samples were jarred and labeled; 16:21:49 COC's created.

Inspector: Riley Arnold



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/20/2026
Time: 10:04
Notes: BH26-27 @ 0'
BH26-27 @ 2'
Latitude: 32.38663888888889
Longitude: -103.82885555555555
Direction: NW



Date: 4/20/2026
Time: 10:10
Notes: BH26-29 @ 0'
Latitude: 32.385819444444444
Longitude: -103.82905555555556
Direction: SW





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/20/2026
 Time: 10:21
 Notes: BH26-30 @ 0'
 BH26-30 @ 1'
 BH26-30 @ 2'
 BH26-30 @ 3'
 Latitude: 32.38608055555555
 Longitude: -103.82833888888888
 Direction: SE



Date: 4/20/2026
 Time: 11:59
 Notes: BH26-30 @ 4'
 BH26-30 @ 5'
 BH26-30 @ 6'
 Latitude: 32.38629722222222
 Longitude: -103.82831388888889
 Direction: SE





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/20/2026
Time: 12:18
Notes: BH26-30 @ 8'
BH26-30 @ 9'
BH26-30 @ 10'
Latitude: 32.386025
Longitude: -103.82846944444444
Direction: E



Default Site Location | Lat: 32.38602, Lon: -103.82847 | Azimuth: 118.7° SE, Mon, Apr 20, 2026 12:18

Date: 4/20/2026
Time: 12:46
Notes: BH26-30 @ 12'
BH26-30 @ 14'
Latitude: 32.37878888888889
Longitude: -103.84168055555556
Direction: E



Default Site Location | Lat: 32.37879, Lon: -103.84168 | Azimuth: 85.2° E, Mon, Apr 20, 2026 12:46



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/20/2026
 Time: 13:38
 Notes: BH26-34 @ 0'
 BH26-34 @ 2'
 Latitude: 32.38552222222222
 Longitude: -103.82935277777777
 Direction: SW



Date: 4/20/2026
 Time: 13:50
 Notes: BH26-31 @ 0'
 BH26-31 @ 2'
 Latitude: 32.38545555555555
 Longitude: -103.82937777777778
 Direction: E





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/20/2026
Time: 13:59
Notes: BH26-32 @ 0'
BH26-32 @ 2'
Latitude: 32.386072222222225
Longitude: -103.829819444444444
Direction: SW





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

04/21/2026

Location: Default Site Location

By: Riley Arnold

Weather	Cloudy	Contractor	Tex Mex Construction
Staff On-site	Riley Arnold	Contractor Crew	Peter and crew
Staff From Time	08:03	Equipment On Site	Backhoe
Tailgate meeting conducted	Yes	Incident ID Number	nAPP2602033983

Work Summary:

Mechanical delineation

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

08:44:58	Travel to site/ safety paperwork/ tailgate safety meeting
08:47:01	BH26-35 and BH26-36 were collected at 0' nd 1' to define eastern eye of release
14:17:41	BH26-37 was collected at 0' and 2' to define northwested edge of release
14:18:09	BH26-13 was collected at 0-4' in 1' increments as a vertical delineation point
14:19:27	Samples were field screened, all samples besides BH26-37 were within site closure criteria
14:20:04	Sample BH26-42 was added north west of BH26-37 and was collected at 0 and 2' with field screening results within site closure criteria
14:20:55	BH26-38 and BH26-39 were collected on the opposite side of the berm on the north side of the pad, field screening results were within site closure criteria
14:21:47	Samples were jarred and labeled/ coc's were created

Inspector: Riley Arnold



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/21/2026
Time: 09:05
Notes: BH26-35 @ 0'
BH26-35 @ 2'
Latitude: 32.386069444444445
Longitude: -103.82777222222222
Direction: SW



Default Site Location | Lat: 32.38607, Lon: -103.82777 | Azimuth: 212.5° SW, Tue, Apr 21, 2026 09:05

Date: 4/21/2026
Time: 09:10
Notes: BH26-36 @ 0'
BH26-36 @ 2'
Latitude: 32.386544444444446
Longitude: -103.82785
Direction: SW



Default Site Location | Lat: 32.38654, Lon: -103.82785 | Azimuth: 212.8° SW, Tue, Apr 21, 2026 09:10



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

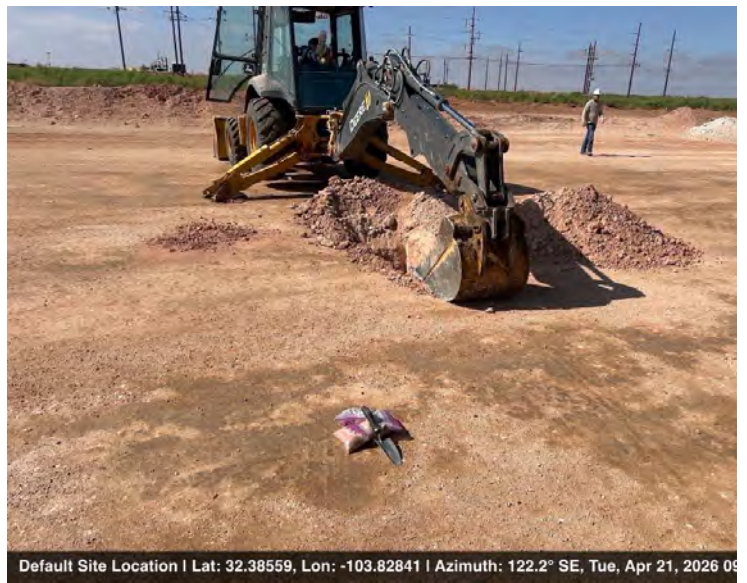
Pictures/Attachments

Date: 4/21/2026
Time: 09:16
Notes: BH26-37 @ 0'
BH26-37 @ 2'
Latitude: 32.3867
Longitude: -103.82872777777777
Direction: E



Default Site Location | Lat: 32.38670, Lon: -103.82873 | Azimuth: 98.2° E, Tue, Apr 21, 2026 09

Date: 4/21/2026
Time: 09:48
Notes: BH26-13 @ 1'
BH26-13 @ 2'
BH26-13 @ 3'
BH26-13 @ 4'
Latitude: 32.385586111111111
Longitude: -103.82840555555555
Direction: SE



Default Site Location | Lat: 32.38559, Lon: -103.82841 | Azimuth: 122.2° SE, Tue, Apr 21, 2026 09



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/21/2026
Time: 10:26
Notes: BH26-42 @ 0'
BH26-42 @ 2'
Latitude: 32.38668611111111
Longitude: -103.82957499999999
Direction: E



Default Site Location | Lat: 32.38669, Lon: -103.82957 | Azimuth: 97.5° E, Tue, Apr 21, 2026 10

Date: 4/21/2026
Time: 10:32
Notes: BH26-38 @ 0'
BH26-38 @ 1'
Opposite side of berm sampled
Latitude: 32.38671111111111
Longitude: -103.82880277777777
Direction: S



Default Site Location | Lat: 32.38671, Lon: -103.82880 | Azimuth: 205.1° SW, Tue, Apr 21, 2026 10



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/21/2026
Time: 10:37
Notes: BH26-39 @ 0'
BH26-39 @ 1'
Opposite side of berm sampled
Latitude: 32.38668055555556
Longitude: -103.82886388888889
Direction: S



Default Site Location | Lat: 32.38668, Lon: -103.82886 | Azimuth: 209.8° SW, Tue, Apr 21, 2026 10



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

04/22/2026

Location: Default Site Location

By: Riley Arnold

Table with 4 columns: Field Name, Value, Field Name, Value. Rows include Weather (Cloudy), Staff On-site (Riley Arnold), Staff From Time (08:06), Tailgate meeting conducted (Yes), Contractor (Tex Mex Construction), Contractor Crew (Peter and crew), Equipment On Site (Backhoe), Incident ID Number (nAPP2602033983).

Work Summary:

Delineation

Time Observations

- 08:38:10 Travel to site/ safety paperwork/ tailgate safety meeting
13:01:36 BH26-40 and BH26-41 were collected on the outside of the berm on the south side of the pad
13:02:13 Samples exceeded site closure criteria in field screenings
13:02:33 BH26-42 and BH26-43 were added as step outs, field screening met site closure criteria
13:03:05 A trackhoe was brought in to vertically delineate BH26-30 after we hit ma depth with backhoe. Samples were collected in 2' increments down to 24' where we hit max excavation depth
15:19:41 BH26-46 through BH26-48 and BH26-12 were sampled at 0-4 in 1' increments around BH26-30
15:20:19 Samples were field screened
15:20:32 All test pits were backfilled
16:32:37 Jars were labeled and samples were jarred
16:32:52 Coc's were created

Inspector: Riley Arnold



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/22/2026
 Time: 14:00
 Notes: BH26-47 @ 1'
 BH26-47 @ 2'
 BH26-47 @ 3'
 BH26-47 @ 4'
 Latitude: 32.38620833333336
 Longitude: -103.82828611111111
 Direction: E



Default Site Location | Lat: 32.38621, Lon: -103.82829 | Azimuth: 108.7° E, Wed, Apr 22, 2026 14

Date: 4/22/2026
 Time: 14:21
 Notes: BH26-48 @ 1'
 BH26-48 @ 2'
 BH26-48 @ 3'
 BH26-48 @ 4'
 Latitude: 32.38546111111111
 Longitude: -103.82982777777778
 Direction: SW



Default Site Location | Lat: 32.38546, Lon: -103.82983 | Azimuth: 239.1° SW, Wed, Apr 22, 2026 14



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/22/2026
 Time: 14:22
 Notes: BH26-12 @ 1'
 BH26-12 @ 2'
 BH26-12 @ 3'
 BH26-12 @ 4'
 Latitude: 32.38601111111111
 Longitude: -103.82829444444444
 Direction: S



Date: 4/22/2026
 Time: 14:29
 Notes: BH26-12 @ 1'
 BH26-12 @ 2'
 BH26-12 @ 3'
 BH26-12 @ 4'
 Latitude: 32.38610833333333
 Longitude: -103.82842222222222
 Direction: S





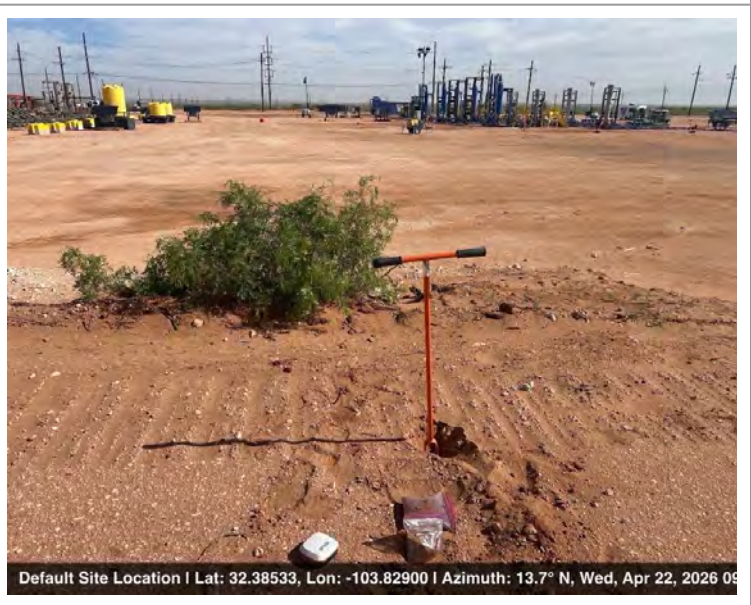
Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/22/2026
 Time: 09:31
 Notes: BH26-41 @ 0'
 BH26-41 @ 1'
 Sampled from opposite side of berm on south side of pad
 Latitude: 32.385286111111114
 Longitude: -103.82820833333334
 Direction: N



Date: 4/22/2026
 Time: 09:36
 Notes: BH26-40 @ 0'
 BH26-40 @ 1'
 Sampled from opposite side of berm on south side of pad
 Latitude: 32.385327777777775
 Longitude: -103.82900277777777
 Direction: N

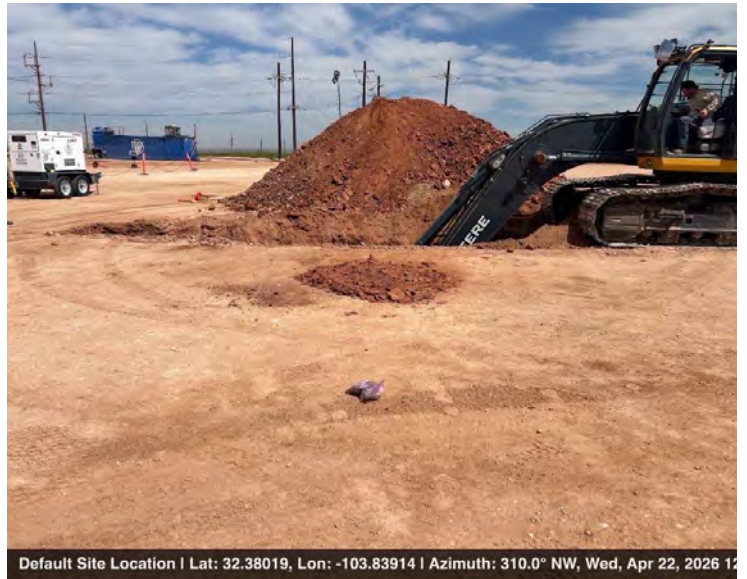




Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/22/2026
Time: 12:23
Notes: BH26-30 @ 16'
BH26-30 @ 18'
BH26-30 @ 20'
BH26-30 @ 22'
Latitude: 32.380186111111115
Longitude: -103.83914166666666
Direction: NW



Default Site Location | Lat: 32.38019, Lon: -103.83914 | Azimuth: 310.0° NW, Wed, Apr 22, 2026 12:23

Date: 4/22/2026
Time: 12:24
Notes: BH26-42 @ 0'
BH26-42 @ 1'
Latitude: 32.38529166666667
Longitude: -103.82853611111111
Direction: W



Default Site Location | Lat: 32.38529, Lon: -103.82854 | Azimuth: 286.3° W, Wed, Apr 22, 2026 12:24



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/22/2026
Time: 12:28
Notes: BH26-43 @ 0'
BH26-43 @ 1'
Latitude: 32.38513888888889
Longitude: -103.82904722222221
Direction: NE



Date: 4/22/2026
Time: 12:56
Notes: BH26-30 was sampled in 2' increments all the way down to 24'
Where tractorhoe could no longer reach any deeper
Latitude: 32.3862
Longitude: -103.82876666666667
Direction: SW





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

04/23/2026

Location: Default Site Location

By: Riley Arnold

Weather	Wind	Contractor	Tex Mex Construction
Staff On-site	Riley Arnold	Contractor Crew	Peter and crew
Staff From Time	08:18	Equipment On Site	Backhoe
Tailgate meeting conducted	Yes	Incident ID Number	nAPP2602033983

Work Summary:

Vertical delineation

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

08:49:05	Travel to site / safety paperwork/ tailgate safety meeting
14:53:03	BH26-14 through BH26-19 were collected t 0-3' in 1' increments
14:53:28	Samples were field screened
14:53:47	BH26-16 was collected at 4-6' in 1' increments
14:54:08	BH26-24 and BH26-29 were collected at 0-3'
14:54:26	BH26-45 and BH26-45 were collected outside of pad berm
14:54:46	Samples were field screened
14:54:56	All test trenches were backfilled
16:25:33	Samples were jarred and labeled
16:25:43	Coc's created

Inspector: Riley Arnold



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/23/2026
Time: 12:04
Notes: BH26-45 @ 0'
BH26-45 @ 1'
Taken form west side of berm
Latitude: 32.3863472222222
Longitude: -103.8295805555555
Direction: S



Default Site Location | Lat: 32.38635, Lon: -103.82958 | Azimuth: 190.3° S, Thu, Apr 23, 2026 12:04

Date: 4/23/2026
Time: 12:13
Notes: BH26-24 @ 1'
BH26-24 @ 2'
BH26-24 @ 3'
Latitude: 32.3845111111111
Longitude: -103.8324277777778
Direction: W



Default Site Location | Lat: 32.38451, Lon: -103.83243 | Azimuth: 247.4° SW, Thu, Apr 23, 2026 12:13



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/23/2026
 Time: 12:34
 Notes: BH26-19 @ 1'
 BH26-19 @ 2'
 BH26-19 @ 3'
 Latitude: 32.3833
 Longitude: -103.83322222222222
 Direction: W



Date: 4/23/2026
 Time: 12:41
 Notes: BH26-29 @ 1'
 BH26-29 @ 2'
 BH26-29 @ 3'
 Latitude: 32.38634166666667
 Longitude: -103.82806388888889
 Direction: W





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/23/2026
 Time: 13:20
 Notes: BH26-49 @ 1'
 BH26-49 @ 2'
 BH26-49 @ 3'
 Latitude: 32.38596111111111
 Longitude: -103.82795
 Direction: N



Date: 4/23/2026
 Time: 09:06
 Notes: BH26-14 @ 1'
 BH26-14 @ 2'
 BH26-14 @ 3'
 Latitude: 32.38548611111111
 Longitude: -103.82886388888889
 Direction: NW





Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

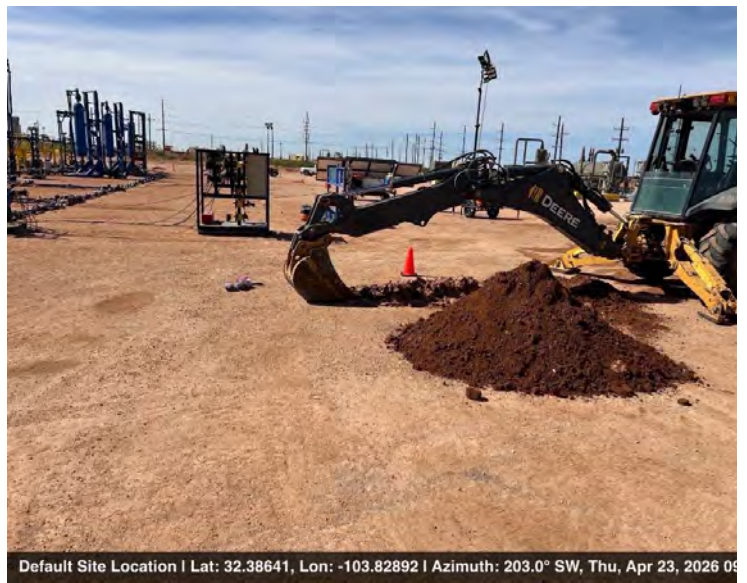
Pictures/Attachments

Date: 4/23/2026
Time: 09:15
Notes: BH26-15 @ 1'
BH26-15 @ 2'
BH26-15 @ 3'
Latitude: 32.38361111111111
Longitude: -103.83239722222221
Direction: SE



Default Site Location | Lat: 32.38361, Lon: -103.83240 | Azimuth: 129.5° SE, Thu, Apr 23, 2026 09:15

Date: 4/23/2026
Time: 09:58
Notes: BH26-16 @ 1'
BH26-16 @ 2'
BH26-16 @ 3'
Latitude: 32.38641388888889
Longitude: -103.82891944444444
Direction: S



Default Site Location | Lat: 32.38641, Lon: -103.82892 | Azimuth: 203.0° SW, Thu, Apr 23, 2026 09:58



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/23/2026
 Time: 09:59
 Notes: BH26-17 @ 1'
 BH26-17 @ 2'
 BH26-17 @ 3'
 Latitude: 32.38641388888889
 Longitude: -103.82891944444444
 Direction: E



Default Site Location | Lat: 32.38641, Lon: -103.82892 | Azimuth: 96.6° E, Thu, Apr 23, 2026 09

Date: 4/23/2026
 Time: 10:23
 Notes: BH26-18 @ 1'
 BH26-18 @ 2'
 BH26-18 @ 3'
 Latitude: 32.386375
 Longitude: -103.82861388888888
 Direction: S



Default Site Location | Lat: 32.38638, Lon: -103.82861 | Azimuth: 170.6° S, Thu, Apr 23, 2026 10



Daily Field Log
Site: JRU Apache 903H
Client: ExxonMobil

Pictures/Attachments

Date: 4/23/2026
Time: 10:33
Notes: BH26-16 @ 4'
BH26-16 @ 5'
BH26-16 @ 6'
Latitude: 32.38645555555556
Longitude: -103.82898611111111
Direction: S



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



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

April 13, 2026

CHAD HENSLEY
VERTEX RESOURCE
3101 BOYD DRIVE
CARLSBAD, NM 88220

RE: JAMES RANCH UNIT APACHE 903H

Enclosed are the results of analyses for samples received by the laboratory on 04/07/26 14:09.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/01/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 01 @ 0' (H261945-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	04/08/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	10.4	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	1120	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	275	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 67.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/01/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 01 @ 1' (H261945-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/08/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	<10.0	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 72.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 57.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/01/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 02 @ 0' (H261945-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	20800	16.0	04/08/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	18.2	10.0	04/08/2026	ND	175	87.5	200	0.189		
DRO >C10-C28*	2940	10.0	04/08/2026	ND	184	91.8	200	5.32		
EXT DRO >C28-C36	851	10.0	04/08/2026	ND						

Surrogate: 1-Chlorooctane 84.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 152 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/01/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 03 @ 0' (H261945-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	04/08/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	601	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	192	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 69.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/01/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 04 @ 0' (H261945-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	41200	16.0	04/08/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<50.0	50.0	04/08/2026	ND	175	87.5	200	0.189		
DRO >C10-C28*	5410	50.0	04/08/2026	ND	184	91.8	200	5.32		
EXT DRO >C28-C36	1340	50.0	04/08/2026	ND						

Surrogate: 1-Chlorooctane 78.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 211 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/01/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 05 @ 0' (H261945-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9520	16.0	04/08/2026	ND	432	108	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	202	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	59.1	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 76.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 64.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/01/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 06 @ 0' (H261945-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22600	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	141	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	29.0	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 78.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/01/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 07 @ 0' (H261945-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	359	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	113	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 70.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 65.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/01/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 08 @ 0' (H261945-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	298	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	104	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 77.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/01/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 09 @ 0' (H261945-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2190	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	268	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	75.1	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 72.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/02/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 10 @ 0' (H261945-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4480	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	187	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	52.4	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 65.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 55.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/02/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 11 @ 0' (H261945-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	41200	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	423	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	174	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 74.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 64.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/02/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 12 @ 0' (H261945-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/09/2026	ND	2.00	99.9	2.00	2.74	
Toluene*	<0.050	0.050	04/09/2026	ND	2.00	100	2.00	3.31	
Ethylbenzene*	<0.050	0.050	04/09/2026	ND	2.02	101	2.00	4.16	
Total Xylenes*	<0.150	0.150	04/09/2026	ND	6.07	101	6.00	4.61	
Total BTEX	<0.300	0.300	04/09/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	53200	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	503	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	106	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 68.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/02/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 20 @ 0' (H261945-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2026	ND	1.98	99.1	2.00	1.02	
Toluene*	<0.050	0.050	04/10/2026	ND	2.00	100	2.00	4.26	
Ethylbenzene*	<0.050	0.050	04/10/2026	ND	2.06	103	2.00	3.51	
Total Xylenes*	<0.150	0.150	04/10/2026	ND	6.22	104	6.00	3.54	
Total BTEX	<0.300	0.300	04/10/2026	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	944	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	217	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 62.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/02/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 21 @ 0' (H261945-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2026	ND	1.98	99.1	2.00	1.02	
Toluene*	<0.050	0.050	04/10/2026	ND	2.00	100	2.00	4.26	
Ethylbenzene*	<0.050	0.050	04/10/2026	ND	2.06	103	2.00	3.51	
Total Xylenes*	<0.150	0.150	04/10/2026	ND	6.22	104	6.00	3.54	
Total BTEX	<0.300	0.300	04/10/2026	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10300	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	175	87.5	200	0.189	
DRO >C10-C28*	18.8	10.0	04/08/2026	ND	184	91.8	200	5.32	
EXT DRO >C28-C36	<10.0	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 79.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 64.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/02/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 22 @ 0' (H261945-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2026	ND	1.98	99.1	2.00	1.02	
Toluene*	<0.050	0.050	04/10/2026	ND	2.00	100	2.00	4.26	
Ethylbenzene*	<0.050	0.050	04/10/2026	ND	2.06	103	2.00	3.51	
Total Xylenes*	<0.150	0.150	04/10/2026	ND	6.22	104	6.00	3.54	
Total BTEX	<0.300	0.300	04/10/2026	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	196	97.9	200	0.886	
DRO >C10-C28*	712	10.0	04/08/2026	ND	195	97.5	200	1.59	QM-07
EXT DRO >C28-C36	190	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 89.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 97.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/02/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 23 @ 0' (H261945-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2026	ND	1.98	99.1	2.00	1.02	
Toluene*	<0.050	0.050	04/10/2026	ND	2.00	100	2.00	4.26	
Ethylbenzene*	<0.050	0.050	04/10/2026	ND	2.06	103	2.00	3.51	
Total Xylenes*	<0.150	0.150	04/10/2026	ND	6.22	104	6.00	3.54	
Total BTEX	<0.300	0.300	04/10/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4600	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	196	97.9	200	0.886	
DRO >C10-C28*	786	10.0	04/08/2026	ND	195	97.5	200	1.59	
EXT DRO >C28-C36	266	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 89.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/02/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 24 @ 0' (H261945-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2026	ND	1.98	99.1	2.00	1.02	
Toluene*	<0.050	0.050	04/10/2026	ND	2.00	100	2.00	4.26	
Ethylbenzene*	<0.050	0.050	04/10/2026	ND	2.06	103	2.00	3.51	
Total Xylenes*	<0.150	0.150	04/10/2026	ND	6.22	104	6.00	3.54	
Total BTEX	<0.300	0.300	04/10/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	36800	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	171	50.0	04/08/2026	ND	196	97.9	200	0.886		
DRO >C10-C28*	12400	50.0	04/08/2026	ND	195	97.5	200	1.59		
EXT DRO >C28-C36	3230	50.0	04/08/2026	ND						

Surrogate: 1-Chlorooctane 101 % 52.4-130

Surrogate: 1-Chlorooctadecane 553 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/02/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 25 @ 0' (H261945-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2026	ND	1.98	99.1	2.00	1.02	
Toluene*	<0.050	0.050	04/10/2026	ND	2.00	100	2.00	4.26	
Ethylbenzene*	<0.050	0.050	04/10/2026	ND	2.06	103	2.00	3.51	
Total Xylenes*	<0.150	0.150	04/10/2026	ND	6.22	104	6.00	3.54	
Total BTEX	<0.300	0.300	04/10/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26400	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	196	97.9	200	0.886	
DRO >C10-C28*	1390	10.0	04/08/2026	ND	195	97.5	200	1.59	
EXT DRO >C28-C36	251	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 85.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 134 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/07/2026	Sampling Date:	04/02/2026
Reported:	04/13/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH 26 - 26 @ 0' (H261945-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/10/2026	ND	1.98	99.1	2.00	1.02	
Toluene*	<0.050	0.050	04/10/2026	ND	2.00	100	2.00	4.26	
Ethylbenzene*	<0.050	0.050	04/10/2026	ND	2.06	103	2.00	3.51	
Total Xylenes*	<0.150	0.150	04/10/2026	ND	6.22	104	6.00	3.54	
Total BTEX	<0.300	0.300	04/10/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	04/09/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/08/2026	ND	196	97.9	200	0.886	
DRO >C10-C28*	82.6	10.0	04/08/2026	ND	195	97.5	200	1.59	
EXT DRO >C28-C36	39.5	10.0	04/08/2026	ND					

Surrogate: 1-Chlorooctane 83.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Vertex Resource</u>	BILL TO	ANALYSIS REQUEST		
Project Manager: <u>Chad Hensley</u>	P.O. #: <u>2108761001</u>			
Address: <u>3101 Boyd drive</u>	Company: <u>ExxonMobil</u>			
City: <u>Callisbad</u> State: <u>NM</u> Zip: <u>88220</u>	Attn: <u>Dale Woodall</u>			
Phone #: <u>575-725-5001</u> Fax #:	Address: <u>3104 E Greene</u>			
Project #: <u>26A-00705</u> Project Owner:	City: <u>Callisbad</u>			
Project Name: <u>James Ranch Unit Apache 903H</u>	State: <u>NM</u> Zip: <u>88220</u>			
Project Location:	Phone #:			
Sampler Name: <u>Riley Arnold</u>	Fax #:			

FOR LAB USE ONLY		(G/RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING		DATE	TIME	BTEX	TPH	Chloride
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE:	ICE / COOL	OTHER					
<u>H261945</u>																	
<u>11</u>	<u>BH26-10</u>	<u>2</u>	<u>0'</u>	<u>G</u>	<u>1</u>			<u>X</u>				<u>4.2.26</u>	<u>9:40</u>	<u>X</u>	<u>X</u>	<u>X</u>	
<u>12</u>	<u>BH26-11</u>	<u>2</u>	<u>0'</u>										<u>9:42</u>				
<u>13</u>	<u>BH26-12</u>	<u>2</u>	<u>0'</u>										<u>9:57</u>				
<u>14</u>	<u>BH26-20</u>	<u>2</u>	<u>0'</u>										<u>10:11</u>				
<u>15</u>	<u>BH26-21</u>	<u>2</u>	<u>0'</u>										<u>10:21</u>				
<u>16</u>	<u>BH26-22</u>	<u>2</u>	<u>0'</u>										<u>10:29</u>				
<u>17</u>	<u>BH26-23</u>	<u>2</u>	<u>0'</u>										<u>10:37</u>				
<u>18</u>	<u>BH26-24</u>	<u>2</u>	<u>0'</u>										<u>10:54</u>				
<u>19</u>	<u>BH26-25</u>	<u>2</u>	<u>0'</u>										<u>11:09</u>				
<u>20</u>	<u>BH26-26</u>	<u>2</u>	<u>0'</u>										<u>11:22</u>				

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: <u>[Signature]</u>	Date: <u>4-7-26</u>	Received By: <u>[Signature]</u>
Time: <u>1409</u>		
Relinquished By:	Date:	Received By:
Time:		
Delivered By: (Circle One) <u>UPS</u>	Observed Temp. °C <u>0.9</u>	Sample Condition <u>Cool Intact</u>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>1.0</u>	CHECKED BY: (Initials) <u>[Signature]</u>

Verbal Result: Yes No Add'l Phone #:

All Results are emailed. Please provide Email address:
Rarnold@vertexresource.com Permin@vertexresource.com

REMARKS: GFLM: 48605000

Incident ID: NAPP2602033483

Turnaround Time: Standard Rush

Thermometer ID #140 25c to .1c

Correction Factor 25c to .1c

Bacteria (only) Sample Condition Cool Intact Observed Temp. °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

April 15, 2026

CHANCE DIXON

VERTEX RESOURCE GROUP

420 SOUTH MAIN, SUITE 202

TULSA, OK 74103

RE: JAMES RANCH UNIT APACHE 903H

Enclosed are the results of analyses for samples received by the laboratory on 04/09/26 14:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/07/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BG26 - 01 @ 0' (H262017-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85	
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94	
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04	
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62	
Total BTEX	<0.300	0.300	04/11/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/10/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/10/2026	ND	192	95.9	200	3.90	
DRO >C10-C28*	<10.0	10.0	04/10/2026	ND	177	88.5	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	04/10/2026	ND					

Surrogate: 1-Chlorooctane 88.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 89.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/07/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BG26 - 01 @ 1' (H262017-02)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85		
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94		
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04		
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62		
Total BTEX	<0.300	0.300	04/11/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/10/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/10/2026	ND	192	95.9	200	3.90		
DRO >C10-C28*	<10.0	10.0	04/10/2026	ND	177	88.5	200	4.12		
EXT DRO >C28-C36	<10.0	10.0	04/10/2026	ND						

Surrogate: 1-Chlorooctane 89.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/07/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BG26 - 02 @ 0' (H262017-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85		
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94		
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04		
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62		
Total BTEX	<0.300	0.300	04/11/2026	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/10/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/10/2026	ND	192	95.9	200	3.90		
DRO >C10-C28*	<10.0	10.0	04/10/2026	ND	177	88.5	200	4.12		
EXT DRO >C28-C36	<10.0	10.0	04/10/2026	ND						

Surrogate: 1-Chlorooctane 92.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/07/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BG26 - 02 @ 1' (H262017-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85		
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94		
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04		
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62		
Total BTEX	<0.300	0.300	04/11/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/10/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/10/2026	ND	192	95.9	200	3.90		
DRO >C10-C28*	<10.0	10.0	04/10/2026	ND	177	88.5	200	4.12		
EXT DRO >C28-C36	<10.0	10.0	04/10/2026	ND						

Surrogate: 1-Chlorooctane 90.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/07/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BG26 - 03 @ 0' (H262017-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85	
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94	
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04	
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62	
Total BTEX	<0.300	0.300	04/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/10/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/10/2026	ND	192	95.9	200	3.90	
DRO >C10-C28*	<10.0	10.0	04/10/2026	ND	177	88.5	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	04/10/2026	ND					

Surrogate: 1-Chlorooctane 92.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 93.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/07/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BG26 - 03 @ 1' (H262017-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85		
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94		
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04		
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62		
Total BTEX	<0.300	0.300	04/11/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/10/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/10/2026	ND	192	95.9	200	3.90		
DRO >C10-C28*	<10.0	10.0	04/10/2026	ND	177	88.5	200	4.12		
EXT DRO >C28-C36	<10.0	10.0	04/10/2026	ND						

Surrogate: 1-Chlorooctane 91.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/07/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BG26 - 04 @ 0' (H262017-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85	
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94	
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04	
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62	
Total BTEX	<0.300	0.300	04/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/10/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/10/2026	ND	192	95.9	200	3.90	
DRO >C10-C28*	<10.0	10.0	04/10/2026	ND	177	88.5	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	04/10/2026	ND					

Surrogate: 1-Chlorooctane 89.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/07/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BG26 - 04 @ 1' (H262017-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85	
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94	
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04	
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62	
Total BTEX	<0.300	0.300	04/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/10/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/10/2026	ND	192	95.9	200	3.90	
DRO >C10-C28*	<10.0	10.0	04/10/2026	ND	177	88.5	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	04/10/2026	ND					

Surrogate: 1-Chlorooctane 94.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 95.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/07/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH26 - 13 @ 0' (H262017-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85	
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94	
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04	
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62	
Total BTEX	<0.300	0.300	04/11/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	25600	16.0	04/10/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	436	50.0	04/10/2026	ND	192	95.9	200	3.90		
DRO >C10-C28*	38600	50.0	04/10/2026	ND	177	88.5	200	4.12		
EXT DRO >C28-C36	5150	50.0	04/10/2026	ND						

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 3190 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/07/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH26 - 28 @ 0' (H262017-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85		
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94		
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04		
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62		
Total BTEX	<0.300	0.300	04/11/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1710	16.0	04/10/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/10/2026	ND	192	95.9	200	3.90		
DRO >C10-C28*	405	10.0	04/10/2026	ND	177	88.5	200	4.12		
EXT DRO >C28-C36	91.2	10.0	04/10/2026	ND						

Surrogate: 1-Chlorooctane 65.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/08/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH26 - 14 @ 0' (H262017-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85	
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94	
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04	
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62	
Total BTEX	<0.300	0.300	04/11/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	110000	16.0	04/10/2026	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	322	50.0	04/10/2026	ND	192	95.9	200	3.90		
DRO >C10-C28*	27500	50.0	04/10/2026	ND	177	88.5	200	4.12		
EXT DRO >C28-C36	3110	50.0	04/10/2026	ND						

Surrogate: 1-Chlorooctane 111 % 52.4-130

Surrogate: 1-Chlorooctadecane 4760 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/08/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH26 - 15 @ 0' (H262017-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85		
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94		
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04		
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62		
Total BTEX	<0.300	0.300	04/11/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	102000	16.0	04/10/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	808	50.0	04/10/2026	ND	192	95.9	200	3.90			
DRO >C10-C28*	50300	50.0	04/10/2026	ND	177	88.5	200	4.12			
EXT DRO >C28-C36	4380	50.0	04/10/2026	ND							

Surrogate: 1-Chlorooctane 99.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 6370 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/08/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH26 - 16 @ 0' (H262017-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85		
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94		
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04		
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62		
Total BTEX	<0.300	0.300	04/11/2026	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	95000	16.0	04/10/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	322	50.0	04/10/2026	ND	192	95.9	200	3.90			
DRO >C10-C28*	25600	50.0	04/10/2026	ND	177	88.5	200	4.12			
EXT DRO >C28-C36	2780	50.0	04/10/2026	ND							

Surrogate: 1-Chlorooctane 99.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 2800 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/08/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH26 - 17 @ 0' (H262017-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85		
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94		
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04		
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62		
Total BTEX	<0.300	0.300	04/11/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	47000	16.0	04/10/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	426	50.0	04/10/2026	ND	192	95.9	200	3.90			
DRO >C10-C28*	46700	50.0	04/10/2026	ND	177	88.5	200	4.12			
EXT DRO >C28-C36	1120	50.0	04/10/2026	ND							

Surrogate: 1-Chlorooctane 102 % 52.4-130

Surrogate: 1-Chlorooctadecane 5320 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/08/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH26 - 18 @ 0' (H262017-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85	
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94	
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04	
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62	
Total BTEX	<0.300	0.300	04/11/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	88000	16.0	04/10/2026	ND	448	112	400	3.64	QM-07

TPH 8015M		mg/kg		Analyzed By: JF						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	232	50.0	04/10/2026	ND	192	95.9	200	3.90		
DRO >C10-C28*	23000	50.0	04/10/2026	ND	177	88.5	200	4.12		
EXT DRO >C28-C36	2230	50.0	04/10/2026	ND						

Surrogate: 1-Chlorooctane 98.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 2040 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

VERTEX RESOURCE GROUP
 CHANCE DIXON
 420 SOUTH MAIN, SUITE 202
 TULSA OK, 74103
 Fax To: NA

Received:	04/09/2026	Sampling Date:	04/08/2026
Reported:	04/15/2026	Sampling Type:	Soil
Project Name:	JAMES RANCH UNIT APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A-00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXONMOBIL		

Sample ID: BH26 - 19 @ 0' (H262017-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/11/2026	ND	1.93	96.7	2.00	1.85		
Toluene*	<0.050	0.050	04/11/2026	ND	1.94	97.1	2.00	2.94		
Ethylbenzene*	<0.050	0.050	04/11/2026	ND	1.98	98.8	2.00	6.04		
Total Xylenes*	<0.150	0.150	04/11/2026	ND	5.96	99.3	6.00	5.62		
Total BTEX	<0.300	0.300	04/11/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	38400	16.0	04/10/2026	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: JF							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	448	50.0	04/10/2026	ND	192	95.9	200	3.90			
DRO >C10-C28*	36400	50.0	04/10/2026	ND	177	88.5	200	4.12			
EXT DRO >C28-C36	252	50.0	04/10/2026	ND							

Surrogate: 1-Chlorooctane 105 % 52.4-130

Surrogate: 1-Chlorooctadecane 3240 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service.

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: <u>Vertex Resource</u>		BILL TO		ANALYSIS REQUEST																
Project Manager: <u>Chad Hensley</u>		P.O. #: <u>2108761001</u>																		
Address: <u>3101 Boyd drive</u>		Company: <u>ExxonMobil</u>																		
City: <u>Callisbad</u> State: <u>NM</u> Zip: <u>88220</u>		Attn: <u>Dale Woodall</u>																		
Phone #: <u>575-725-5001</u> Fax #:		Address: <u>3104 E Greene</u>																		
Project #: <u>26A-00705</u> Project Owner:		City: <u>Callisbad</u>																		
Project Name: <u>James Ranch Unit Apache 903H</u>		State: <u>NM</u> Zip: <u>88220</u>																		
Project Location:		Phone #:																		
Sampler Name: <u>Riley Arnold</u>		Fax #:																		
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING												
Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME						
<u>H262017</u>																				
<u>11</u>	<u>BH26-14 2 0'</u>	<u>G</u>	<u>1</u>			<u>X</u>							<u>4.8.26</u>	<u>10:36</u>	<u>X</u>	<u>X</u>	<u>X</u>			
<u>12</u>	<u>BH26-15 2 0'</u>												<u>4.8.26</u>	<u>10:41</u>						
<u>13</u>	<u>BH26-16 2 0'</u>												<u>4.8.26</u>	<u>10:50</u>						
<u>14</u>	<u>BH26-17 2 0'</u>												<u>4.8.26</u>	<u>10:58</u>						
<u>15</u>	<u>BH26-18 2 0'</u>												<u>4.8.26</u>	<u>11:07</u>						
<u>16</u>	<u>BH26-19 2 0'</u>												<u>4.8.26</u>	<u>11:18</u>						

BTEX
TPH
Chloride

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: <u>4-9-26</u>	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: <u>1440</u>		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	<u>Rarnold@vertexresource.com</u> <u>Permina@vertexresource.com</u>
	Time:		REMARKS: <u>GFCM: 48605000</u>
Delivered By: (Circle One)	Observed Temp. °C <u>1.0</u>	Sample Condition	Incident ID: <u>NAPP2602033983</u>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>1.1</u>	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Yes <input type="checkbox"/> No	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
FORM-000-R-3-3 08/03/24		CHECKED BY: (Initials)	Bacteria (only) Sample Condition
			Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C
			Thermometer ID #140 Correction Factor <u>0.5 to .6</u> <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C

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



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

April 27, 2026

CHAD HENSLEY
VERTEX RESOURCE
3101 BOYD DRIVE
CARLSBAD, NM 88220

RE: JRU APACHE 903H

Enclosed are the results of analyses for samples received by the laboratory on 04/21/26 13:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 27 @ 0' (H262289-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	2.87	
Toluene*	<0.050	0.050	04/23/2026	ND	2.13	107	2.00	1.82	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	2.20	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	6.58	110	6.00	3.46	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	2190	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	234	117	200	7.38	
DRO >C10-C28*	152	10.0	04/22/2026	ND	220	110	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 61.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 27 @ 2' (H262289-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	2.87	
Toluene*	<0.050	0.050	04/23/2026	ND	2.13	107	2.00	1.82	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	2.20	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	6.58	110	6.00	3.46	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	1180	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	234	117	200	7.38	
DRO >C10-C28*	253	10.0	04/22/2026	ND	220	110	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 54.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 59.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 29 @ 0' (H262289-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	2.87	
Toluene*	<0.050	0.050	04/23/2026	ND	2.13	107	2.00	1.82	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	2.20	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	6.58	110	6.00	3.46	
Total BTEX	<0.300	0.300	04/23/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	234	117	200	7.38	
DRO >C10-C28*	1020	10.0	04/22/2026	ND	220	110	200	6.46	
EXT DRO >C28-C36	180	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 73.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 100 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 31 @ 0' (H262289-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	2.87	
Toluene*	<0.050	0.050	04/23/2026	ND	2.13	107	2.00	1.82	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	2.20	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	6.58	110	6.00	3.46	
Total BTEX	<0.300	0.300	04/23/2026	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	234	117	200	7.38	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	220	110	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 64.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 31 @ 2' (H262289-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	2.87	
Toluene*	<0.050	0.050	04/23/2026	ND	2.13	107	2.00	1.82	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	2.20	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	6.58	110	6.00	3.46	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	160	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	234	117	200	7.38	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	220	110	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 75.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 32 @ 0' (H262289-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	2.87	
Toluene*	<0.050	0.050	04/23/2026	ND	2.13	107	2.00	1.82	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	2.20	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	6.58	110	6.00	3.46	
Total BTEX	<0.300	0.300	04/23/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	234	117	200	7.38	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	220	110	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 68.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 65.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 32 @ 2' (H262289-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	2.87	
Toluene*	<0.050	0.050	04/23/2026	ND	2.13	107	2.00	1.82	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	2.20	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	6.58	110	6.00	3.46	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	32.0	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	234	117	200	7.38	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	220	110	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 75.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 33 @ 0' (H262289-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	2.87	
Toluene*	<0.050	0.050	04/23/2026	ND	2.13	107	2.00	1.82	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	2.20	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	6.58	110	6.00	3.46	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	80.0	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	234	117	200	7.38	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	220	110	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 75.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 33 @ 2' (H262289-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	2.87	
Toluene*	<0.050	0.050	04/23/2026	ND	2.13	107	2.00	1.82	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	2.20	110	2.00	2.92	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	6.58	110	6.00	3.46	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	234	117	200	7.38	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	220	110	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 75.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 34 @ 0' (H262289-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	1.53	
Toluene*	<0.050	0.050	04/23/2026	ND	1.89	94.7	2.00	3.24	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	1.82	91.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	5.44	90.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	234	117	200	7.38	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	220	110	200	6.46	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 65.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 64.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 34 @ 2' (H262289-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	1.53	
Toluene*	<0.050	0.050	04/23/2026	ND	1.89	94.7	2.00	3.24	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	1.82	91.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	5.44	90.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	211	105	200	0.413	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	204	102	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 67.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 0' (H262289-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	1.53	
Toluene*	<0.050	0.050	04/23/2026	ND	1.89	94.7	2.00	3.24	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	1.82	91.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	5.44	90.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/23/2026	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	5680	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	211	105	200	0.413	
DRO >C10-C28*	172	10.0	04/22/2026	ND	204	102	200	4.43	
EXT DRO >C28-C36	12.5	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 67.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 112 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 2' (H262289-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	1.53	
Toluene*	<0.050	0.050	04/23/2026	ND	1.89	94.7	2.00	3.24	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	1.82	91.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	5.44	90.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/23/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	211	105	200	0.413	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	204	102	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 69.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 64.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 4' (H262289-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	1.53	
Toluene*	<0.050	0.050	04/23/2026	ND	1.89	94.7	2.00	3.24	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	1.82	91.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	5.44	90.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	211	105	200	0.413	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	204	102	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 72.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 6' (H262289-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	1.53	
Toluene*	<0.050	0.050	04/23/2026	ND	1.89	94.7	2.00	3.24	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	1.82	91.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	5.44	90.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 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	8320	16.0	04/22/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	211	105	200	0.413	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	204	102	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 71.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 8' (H262289-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	1.53	
Toluene*	<0.050	0.050	04/23/2026	ND	1.89	94.7	2.00	3.24	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	1.82	91.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	5.44	90.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7400	16.0	04/22/2026	ND	416	104	400	7.41	QM-07

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	211	105	200	0.413	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	204	102	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 67.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 61.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 10' (H262289-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	1.53	
Toluene*	<0.050	0.050	04/23/2026	ND	1.89	94.7	2.00	3.24	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	1.82	91.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	5.44	90.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	04/22/2026	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	211	105	200	0.413	
DRO >C10-C28*	43.3	10.0	04/22/2026	ND	204	102	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 68.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 67.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 12' (H262289-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	1.53	
Toluene*	<0.050	0.050	04/23/2026	ND	1.89	94.7	2.00	3.24	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	1.82	91.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	5.44	90.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/22/2026	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	211	105	200	0.413	
DRO >C10-C28*	<10.0	10.0	04/22/2026	ND	204	102	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 66.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 59.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/21/2026	Sampling Date:	04/20/2026
Reported:	04/27/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 14' (H262289-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2026	ND	2.08	104	2.00	1.53	
Toluene*	<0.050	0.050	04/23/2026	ND	1.89	94.7	2.00	3.24	
Ethylbenzene*	<0.050	0.050	04/23/2026	ND	1.82	91.2	2.00	2.28	
Total Xylenes*	<0.150	0.150	04/23/2026	ND	5.44	90.7	6.00	2.42	
Total BTEX	<0.300	0.300	04/23/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	04/22/2026	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/22/2026	ND	211	105	200	0.413	
DRO >C10-C28*	51.3	10.0	04/22/2026	ND	204	102	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/22/2026	ND					

Surrogate: 1-Chlorooctane 56.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 60.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

2

Company Name: Vertex Resource	BILL TO	ANALYSIS REQUEST		
Project Manager: Chad Hensley	P.O. #: 2108761001			
Address: 3101 Boyd drive	Company: ExxonMobil			
City: Carlsbad State: NM Zip: 88220	Attn: Dale Woodall			
Phone #: 575-725-5001 Fax #:	Address: 3104 E Greenest			
Project #: 26A-00705 Project Owner:	City: Carlsbad			
Project Name: JRU Apache 903H	State: NM Zip: 88220			
Project Location:	Phone #:			
Sampler Name: Riley Arnold	Fax #:			

Lab I.D.	Sample I.D.	CONTAINER OR COMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING		ANALYSIS
				GROUNDWATER	WASTE WATER	SOIL	OH	SLUDGE		OTHER	DATE	
H262289												
11	BH26-34 @ 2'	G	1			X			X	4.20.26	11:03	BTEX TPH chloride
12	BH26-30 @ 0'											
13	BH26-30 @ 2'											
14	BH26-30 @ 4'											
15	BH26-30 @ 6'											
16	BH26-30 @ 8'											
17	BH26-30 @ 10'											
18	BH26-30 @ 12'											
19	BH26-30 @ 14'											

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 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. If 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 or its subsidiaries, affiliates or successors arising out of or resulting from 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:	Date: 4-21-26	Received By:	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:
	Time: 1:30		All Results are emailed. Please provide Email address: Permianna@vertexresource.com
Relinquished By:	Date:	Received By:	REMARKS: Incident ID: NAPP2602033983
	Time:		GFLM: 48605000
Delivered By: (Circle One)	Observed Temp. °C: 1.3	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C: 1.4	Checked By: (Initials): RA	Bacteria (only) Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/>
			Thermometer ID: #140
			Correction Factor: -0.1°C

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



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

April 29, 2026

CHAD HENSLEY

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: JRU APACHE 903H

Enclosed are the results of analyses for samples received by the laboratory on 04/23/26 14:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 35 @ 0' (H262329-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	04/24/2026	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 53.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 48.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 35 @ 2' (H262329-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/24/2026	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 63.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 56.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 36 @ 0' (H262329-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78		
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96		
Total BTEX	<0.300	0.300	04/25/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 71.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 36 @ 2' (H262329-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78		
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96		
Total BTEX	<0.300	0.300	04/25/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 67.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 59.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 37 @ 0' (H262329-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 62.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 54.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 37 @ 2' (H262329-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78		
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96		
Total BTEX	<0.300	0.300	04/25/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 74.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 65.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 38 @ 0' (H262329-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78		
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96		
Total BTEX	<0.300	0.300	04/25/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	04/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 59.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 53.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 38 @ 1' (H262329-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78		
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96		
Total BTEX	<0.300	0.300	04/25/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 70.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 39 @ 0' (H262329-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 69.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 39 @ 1' (H262329-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 73.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 65.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 16' (H262329-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	10.2	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 70.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 67.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 18' (H262329-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 58.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 52.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 20' (H262329-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 70.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 22' (H262329-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 72.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 67.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 30 @ 24' (H262329-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 69.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 40 @ 0' (H262329-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78		
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96		
Total BTEX	<0.300	0.300	04/25/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	04/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30		
DRO >C10-C28*	28.1	10.0	04/24/2026	ND	180	90.0	200	6.02		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 73.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 40 @ 1' (H262329-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	66.0	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 74.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 41 @ 0' (H262329-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	41.2	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 71.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 41 @ 1' (H262329-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78	
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30	
DRO >C10-C28*	12.2	10.0	04/24/2026	ND	180	90.0	200	6.02	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 78.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 43 @ 0' (H262329-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	2.78		
Toluene*	<0.050	0.050	04/25/2026	ND	1.88	94.1	2.00	5.43		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	1.82	91.0	2.00	6.14		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	5.42	90.4	6.00	5.96		
Total BTEX	<0.300	0.300	04/25/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	193	96.7	200	6.30		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	180	90.0	200	6.02		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 78.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 43 @ 1' (H262329-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/24/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/24/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/24/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/24/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/24/2026	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 88.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 44 @ 0' (H262329-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/25/2026	ND	2.13	106	2.00	2.16	
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/24/2026	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 83.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 44 @ 1' (H262329-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/25/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/24/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 91.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 46 @ 1' (H262329-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/25/2026	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	6880	16.0	04/24/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 82.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 46 @ 2' (H262329-25)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/25/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	1410	16.0	04/24/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 90.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 91.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 46 @ 3' (H262329-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/25/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/25/2026	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	224	16.0	04/24/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 85.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 46 @ 4' (H262329-27)

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	04/25/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/25/2026	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/24/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 79.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 47 @ 1' (H262329-28)

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	04/25/2026	ND	2.13	106	2.00	2.16	
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	9730	16.0	04/24/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45	
DRO >C10-C28*	63.7	10.0	04/24/2026	ND	204	102	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 90.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 47 @ 2' (H262329-29)

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	04/25/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/25/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	2320	16.0	04/24/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 87.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 47 @ 3' (H262329-30)

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	04/25/2026	ND	2.13	106	2.00	2.16	
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 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	1920	16.0	04/24/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45	
DRO >C10-C28*	78.7	10.0	04/24/2026	ND	204	102	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 97.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 101 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 47 @ 4' (H262329-31)

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	04/25/2026	ND	2.13	106	2.00	2.16	
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	04/24/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 83.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 84.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 48 @ 1' (H262329-32)

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	04/25/2026	ND	2.13	106	2.00	2.16	
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/24/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 84.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 85.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 48 @ 2' (H262329-33)

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	04/25/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/25/2026	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 83.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 48 @ 3' (H262329-34)

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	04/25/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/25/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	04/24/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 80.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 48 @ 4' (H262329-35)

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	04/25/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/25/2026	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/24/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 82.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 12 @ 1' (H262329-36)

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	04/25/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/25/2026	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	04/24/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 77.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 12 @ 2' (H262329-37)

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	04/25/2026	ND	2.13	106	2.00	2.16	
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	04/24/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 73.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 12 @ 3' (H262329-38)

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	04/25/2026	ND	2.13	106	2.00	2.16	
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35	
Total BTEX	<0.300	0.300	04/25/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/24/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 81.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/22/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 12 @ 4' (H262329-39)

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	04/25/2026	ND	2.13	106	2.00	2.16		
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83		
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92		
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35		
Total BTEX	<0.300	0.300	04/25/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/24/2026	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	204	102	200	5.68		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 69.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 68.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 13 @ 1' (H262329-40)

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	04/25/2026	ND	2.13	106	2.00	2.16	
Toluene*	<0.050	0.050	04/25/2026	ND	2.12	106	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/25/2026	ND	2.26	113	2.00	6.92	
Total Xylenes*	<0.150	0.150	04/25/2026	ND	6.80	113	6.00	7.35	
Total BTEX	<0.300	0.300	04/25/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	640	16.0	04/24/2026	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/24/2026	ND	220	110	200	1.45	
DRO >C10-C28*	420	10.0	04/24/2026	ND	204	102	200	5.68	
EXT DRO >C28-C36	42.2	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 68.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 94.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 13 @ 2' (H262329-41)

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	04/24/2026	ND	2.02	101	2.00	1.90	
Toluene*	<0.050	0.050	04/24/2026	ND	1.98	98.8	2.00	0.374	
Ethylbenzene*	<0.050	0.050	04/24/2026	ND	1.97	98.5	2.00	0.630	
Total Xylenes*	<0.150	0.150	04/24/2026	ND	5.97	99.6	6.00	1.35	
Total BTEX	<0.300	0.300	04/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/24/2026	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	04/24/2026	ND	187	93.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	184	92.0	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 69.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 13 @ 3' (H262329-42)

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	04/24/2026	ND	2.02	101	2.00	1.90		
Toluene*	<0.050	0.050	04/24/2026	ND	1.98	98.8	2.00	0.374		
Ethylbenzene*	<0.050	0.050	04/24/2026	ND	1.97	98.5	2.00	0.630		
Total Xylenes*	<0.150	0.150	04/24/2026	ND	5.97	99.6	6.00	1.35		
Total BTEX	<0.300	0.300	04/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/24/2026	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	04/24/2026	ND	187	93.7	200	1.83		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	184	92.0	200	3.84		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 69.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 13 @ 4' (H262329-43)

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	04/24/2026	ND	2.02	101	2.00	1.90		
Toluene*	<0.050	0.050	04/24/2026	ND	1.98	98.8	2.00	0.374		
Ethylbenzene*	<0.050	0.050	04/24/2026	ND	1.97	98.5	2.00	0.630		
Total Xylenes*	<0.150	0.150	04/24/2026	ND	5.97	99.6	6.00	1.35		
Total BTEX	<0.300	0.300	04/24/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/24/2026	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	04/24/2026	ND	187	93.7	200	1.83		
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	184	92.0	200	3.84		
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND						

Surrogate: 1-Chlorooctane 79.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 42 @ 0' (H262329-44)

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	04/24/2026	ND	2.02	101	2.00	1.90	
Toluene*	<0.050	0.050	04/24/2026	ND	1.98	98.8	2.00	0.374	
Ethylbenzene*	<0.050	0.050	04/24/2026	ND	1.97	98.5	2.00	0.630	
Total Xylenes*	<0.150	0.150	04/24/2026	ND	5.97	99.6	6.00	1.35	
Total BTEX	<0.300	0.300	04/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/24/2026	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	04/24/2026	ND	187	93.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	184	92.0	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 73.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/23/2026	Sampling Date:	04/21/2026
Reported:	04/29/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 42 @ 2' (H262329-45)

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	04/24/2026	ND	2.02	101	2.00	1.90	
Toluene*	<0.050	0.050	04/24/2026	ND	1.98	98.8	2.00	0.374	
Ethylbenzene*	<0.050	0.050	04/24/2026	ND	1.97	98.5	2.00	0.630	
Total Xylenes*	<0.150	0.150	04/24/2026	ND	5.97	99.6	6.00	1.35	
Total BTEX	<0.300	0.300	04/24/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: SA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/24/2026	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	04/24/2026	ND	187	93.7	200	1.83	
DRO >C10-C28*	<10.0	10.0	04/24/2026	ND	184	92.0	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/24/2026	ND					

Surrogate: 1-Chlorooctane 81.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- 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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Vertex Resource		BILL TO	
Project Manager: Chad Hensley		ANALYSIS REQUEST	
Address: 3101 Boyd drive		P.O. #: 2108761001	
City: Carlsbad	State: NM Zip: 88220	Company: ExxonMobil	
Phone #: 575-725-5001	Fax #:	Attn: Dale Woodall	
Project #: 26A-00705	Project Owner:	Address: 3104 E Greene St	
Project Name: JRU Apache 90314		City: Carlsbad	
Project Location:		State: NM Zip: 88220	
Sampler Name: Riley Arnold		Phone #:	
		Fax #:	

Lab I.D.	Sample I.D.	DEPTH	# CONTAINERS	MATRIX							PRESERV.	DATE	TIME	BTEX	TPH	Chloride
				GROUNDWATER	WASTE WATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE						
H262339																
1	BH26-35	2'	0'	G		X				X	4.21.26	9:15	X	X	X	
2	BH26-35	2'	2'									9:26				
3	BH26-36	2'	0'									9:36				
4	BH26-36	2'	2'									9:48				
5	BH26-37	2'	0'									9:57				
6	BH26-37	2'	2'									10:09				
7	BH26-38	2'	0'									10:21				
8	BH26-38	2'	1'									10:36				
9	BH26-39	2'	0'									10:48				
10	BH26-39	2'	1'									11:00				

PLEASE NOTE: Labels and Damages: Cardinal Labs are strictly liability release. No claim being made in contract or not shall be limited to the amount paid by the claim for the services. 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 accidents or consequential damages, including without limitation, business interruptions, loss of data, or loss of profits incurred by client or its affiliates or subcontractors arising out of or related to the performance of services requested by Cardinal. Signatures of whether such claim is based upon any of the above stated headings or otherwise.

Relinquished By:	Date: 4-23-26	Received By:	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Time: 1400			Add'l Phone #:
Relinquished By:	Date:	Received By:	REMARKS: Incident ID: NAPP2602033983
Time:			GFLM: 48605000
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 0.1 Corrected Temp. °C: 0.2	Sample Condition Cool <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY:
			Thermometer ID: #140 Correction Factor: -0.5°C Observed Temp. °C: +0.1°C

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Vertex Resource		BILL TO		ANALYSIS REQUEST	
Project Manager: Chad Hensley		P.O. #: 2108761001			
Address: 3101 Boyd drive		Company: ExxonMobil			
City: Carlsbad State: NM Zip: 88220		Attn: Dale Woodall			
Phone #: 575-725-5001 Fax #:		Address: 3104 E Greene St			
Project #: 26A-00705 Project Owner:		City: Carlsbad			
Project Name: JRU Apache 90314		State: NM Zip: 88220			
Project Location:		Phone #:			
Sampler Name: Riley Arnold		Fax #:			

FOR LAB USE ONLY		Sample I.D.		MATRIX		PRESERV.	SAMPLING								
Lab I.D.		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME	BTEX	TPH	Chloride
H262339									<input checked="" type="checkbox"/>		4.22.26	9:30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11	BH26-30 @ 16'														
12	BH26-30 @ 18'														
13	BH26-30 @ 20'														
14	BH26-30 @ 22'														
15	BH26-30 @ 24'														
16	BH26-40 @ 0'														
17	BH26-40 @ 1'														
18	BH26-41 @ 0'														
19	BH26-41 @ 1'														
20	BH26-43 @ 0'														

PLEASE NOTE: Cardinal and/or its agents shall not be held liable for any loss or damage to any sample or other material if not returned to the point of origin by the client or the client's agent. All claims, including those for negligence and any other cause of action 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 incidents of negligence, damages, including virtual violation, business interruptions, loss of data, or loss of profits, requires its client, its subsidiaries, affiliates or successors, acting in or out of the performance of services, to obtain, maintain, and defend against any of the above stated claims or otherwise.

Relinquished By:	Date: 4-23-26 Time: 1400	Received By:	Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Add Phone #)
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: Rarnold@vertexresource.com Permian@vertexresource.com
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C 0.1 0.2	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	REMARKS: Incident ID: NAPP2602033983 GFCM: 48605000
		CHECKED BY: (Initials) 	Thermometer ID: #140 Correction Factor: +0.1C

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2475

Company Name: Vertex Resource BILL TO

Project Manager: Chad Hensley ANALYSIS REQUEST

Address: 3101 Boyd drive P.O. # 2108761001

City: Carlsbad State: NM Zip: 88220 Company: ExxonMobil

Phone #: 575-725-5001 Fax #: Attn: Dale Woodall

Project #: 26A-00705 Project Owner: Address: 3104 E Greene St

Project Name: JRU Apache 90314 City: Carlsbad

Project Location: State: NM Zip: 88220

Sampler Name: Riley Arnold Phone #:

Lab I.D. Fax #:

MATRIX PRESERV. SAMPLING

BTEX
TPH
Chloride

H262329

Sample I.D.	DATE	TIME	BTEX	TPH	Chloride
31 BH26-47 @ 4'	4.22.26	1:50	X	X	X
32 BH26-48 @ 1'		1:58			
33 BH26-48 @ 2'		2:07			
34 BH26-48 @ 3'		2:20			
35 BH26-48 @ 4'		2:31			
36 BH26-12 @ 1'		2:43			
37 BH26-12 @ 2'		2:56			
38 BH26-12 @ 3'		3:07			
39 BH26-12 @ 4'		3:18			

PLEASE NOTE: Location of samples should be clearly marked on the site map or map of the area. In some cases, it may be necessary to provide a detailed map of the area. All results are emailed. Please provide email address.

Relinquished By: [Signature] Date: 4-23-26 Received By: Jamara Oldaker Date: 1400

Remarks: Incident ID: NAPP2602033983
GFLM: 48605000

Delivered By: Chris One Sample Condition: 0.1 Checked By: [Signature]

Sampler: URS / Bus / Other Corrected Temp: 0.2

Thermometer ID: #140c
Correction Factor: +0.1c



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Vertex Resource		BILL TO		ANALYSIS REQUEST	
Project Manager: Chad Hensley		P.O. #: 2108761001			
Address: 3101 Boyd drive		Company: ExxonMobil			
City: Carlsbad State: NM Zip: 88220		Attn: Dale Woodall			
Phone #: 575-725-5001 Fax #:		Address: 3104 E Greene St			
Project #: 26A-00705 Project Owner:		City: Carlsbad			
Project Name: JRU Apache 90314		State: NM Zip: 88220			
Project Location:		Phone #:			
Sampler Name: Riley Arnold		Fax #:			

Lab I.D.	Sample I.D.	GROB OR CUMP	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	BTEX	TPH	Chloride
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE							
H262329 46	BH26-13 @ 1'	G	1		X							X	4.21.26	12:21	X	X	X
41	BH26-13 @ 2'													12:32			
42	BH26-13 @ 3'													12:41			
43	BH26-13 @ 4'													12:58			
44	BH26-42 @ 0'													1:09			
45	BH26-42 @ 2'													1:20			

PLEASE NOTE: Liability and Damages: Cardinal Labs and Vert's liability shall be limited to the amount paid to the client for the analysis. All claims involving those to 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 or its subsidiaries 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 theories of damages.

Relinquished By:	Date: 4-23-26 Time: 1400	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: 0925401116
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: Rarnold@vertexresource.com Permian@vertexresource.com	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C Corrected Temp. °C 0.1 0.2	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) S.O.	REMARKS: Incident ID: NAPP2602033983 GFCM: 48605000
			Turnover Time: Standard <input checked="" type="checkbox"/> <input type="checkbox"/> Bacteria (only) Sample Condition:	Thermometer ID # #140 Correction Factor -0.1 +0.1c

FORM-006 R 3.2 1/26/11

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



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

May 01, 2026

CHAD HENSLEY

VERTEX RESOURCE

3101 BOYD DRIVE

CARLSBAD, NM 88220

RE: JRU APACHE 903H

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 14 @ 1' (H262389-01)

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

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	04/27/2026	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2026	ND	186	92.8	200	1.82	
DRO >C10-C28*	28.5	10.0	04/27/2026	ND	178	89.1	200	0.0657	
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND					

Surrogate: 1-Chlorooctane 76.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 14 @ 2' (H262389-02)

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

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/27/2026	ND	432	108	400	3.64	

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

Surrogate: 1-Chlorooctane 70.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 14 @ 3' (H262389-03)

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

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.4-141

Chloride, 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	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 61.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 59.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 15 @ 1' (H262389-04)

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

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 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	992	16.0	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 75.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 15 @ 2' (H262389-05)

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

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 74.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 15 @ 3' (H262389-06)

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

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	176	16.0	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 75.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 16 @ 1' (H262389-07)

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

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	4760	16.0	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 79.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 16 @ 2' (H262389-08)

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

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	4360	16.0	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 71.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 68.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 16 @ 4' (H262389-09)

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

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	1380	16.0	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 69.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 16 @ 5' (H262389-10)

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

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 70.4-141

Chloride, 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	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 75.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 16 @ 6' (H262389-11)

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

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 71.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 67.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 17 @ 1' (H262389-12)

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

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 78.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 17 @ 2' (H262389-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/27/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/27/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/27/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 62.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 60.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 18 @ 1' (H262389-14)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/27/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/27/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/27/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 75.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 18 @ 2' (H262389-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/27/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/27/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/27/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/27/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 72.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 19 @ 1' (H262389-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/28/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 74.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 19 @ 2' (H262389-17)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/28/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 77.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 19 @ 3' (H262389-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/28/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 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	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 66.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 24 @ 1' (H262389-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/28/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	04/27/2026	ND	448	112	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	04/27/2026	ND	186	92.8	200	1.82		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	178	89.1	200	0.0657		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 79.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 24 @ 2' (H262389-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/28/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	224	16.0	04/27/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2026	ND	193	96.6	200	1.84		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	196	98.1	200	0.888		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 80.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 29 @ 1' (H262389-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2026	ND	2.09	105	2.00	1.51	
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28	
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55	
Total BTEX	<0.300	0.300	04/28/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 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	1570	16.0	04/27/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2026	ND	193	96.6	200	1.84	
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	196	98.1	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND					

Surrogate: 1-Chlorooctane 80.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 29 @ 2' (H262389-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/28/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	04/27/2026	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2026	ND	193	96.6	200	1.84		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	196	98.1	200	0.888		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 83.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 82.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 45 @ 0' (H262389-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/28/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	04/27/2026	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2026	ND	193	96.6	200	1.84		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	196	98.1	200	0.888		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 61.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 60.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 45 @ 1' (H262389-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/28/2026	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/27/2026	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2026	ND	193	96.6	200	1.84		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	196	98.1	200	0.888		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 73.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 49 @ 1' (H262389-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/28/2026	ND	2.09	105	2.00	1.51	
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28	
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55	
Total BTEX	<0.300	0.300	04/28/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1810	16.0	04/27/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2026	ND	193	96.6	200	1.84	
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	196	98.1	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND					

Surrogate: 1-Chlorooctane 78.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 49 @ 2' (H262389-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/28/2026	ND	2.09	105	2.00	1.51		
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51		
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55		
Total BTEX	<0.300	0.300	04/28/2026	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	04/27/2026	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: JF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2026	ND	193	96.6	200	1.84		
DRO >C10-C28*	<10.0	10.0	04/27/2026	ND	196	98.1	200	0.888		
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND						

Surrogate: 1-Chlorooctane 74.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/27/2026	Sampling Date:	04/23/2026
Reported:	05/01/2026	Sampling Type:	Soil
Project Name:	JRU APACHE 903H	Sampling Condition:	Cool & Intact
Project Number:	26A - 00705	Sample Received By:	Tamara Oldaker
Project Location:	EXXON MOBIL		

Sample ID: BH26 - 49 @ 3' (H262389-27)

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	04/28/2026	ND	2.09	105	2.00	1.51	
Toluene*	<0.050	0.050	04/28/2026	ND	1.97	98.5	2.00	1.28	
Ethylbenzene*	<0.050	0.050	04/28/2026	ND	1.90	95.1	2.00	1.51	
Total Xylenes*	<0.150	0.150	04/28/2026	ND	5.52	92.0	6.00	1.55	
Total BTEX	<0.300	0.300	04/28/2026	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/27/2026	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/27/2026	ND	193	96.6	200	1.84	
DRO >C10-C28*	10.8	10.0	04/27/2026	ND	196	98.1	200	0.888	
EXT DRO >C28-C36	<10.0	10.0	04/27/2026	ND					

Surrogate: 1-Chlorooctane 79.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource		BILL TO		ANALYSIS REQUEST	
Project Manager: Chad Hensley		P.O. #: 2108761001			
Address: 3101 Boyd drive		Company: ExxonMobil			
City: Carlsbad State: NM Zip: 88220		Attn: Dale Woodall			
Phone #: 575-725-5001 Fax #:		Address: 3104 E Greene St			
Project #: 26A-00705 Project Owner:		City: Carlsbad			
Project Name: JRU Apache 9034		State: NM Zip: 88220			
Project Location:		Phone #:			
Sampler Name: Riley Arnold		Fax #:			

Lab I.D.	Sample I.D.	GIRABOR (GOMP) # CONTAINERS	MATRIX										DATE	TIME	BTEX	TPH	Chloride	
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER							
H262389																		
11	BH26-16 @ 6'	G-1		X								4.23.26	10:53	X	X	X		
12	BH26-17 @ 1'												11:02					
13	BH26-17 @ 2'												12:06					
14	BH26-18 @ 1'												12:11					
15	BH26-18 @ 2'												12:21					
16	BH26-19 @ 1'												12:34					
17	BH26-19 @ 2'												12:42					
18	BH26-19 @ 3'												12:54					
19	BH26-24 @ 1'												1:08					
20	BH26-24 @ 2'												1:21					

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's recourse limited to the chain of custody... including those for negligence and any other basic liabilities shall be governed by the laws of the state of New Mexico.

Relinquished By:	Date: 4-27-26 Time: 11:51	Received By:	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: Rarnold@vertexresource.com Permian@vertexresource.com	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 6.3 Corrected Temp. °C: 1.4	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials):	REMARKS: Incident ID: NAPP2602033983 GFCM: 48605000
			Turnaround Time: Standard <input checked="" type="checkbox"/> Badena (only) Sample Condition:	Thermometer ID: #140 Correction Factor: +0.1c 4/27/26

FORM-008-R 3.2 10/07/02

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Vertex Resource		BILL TO		ANALYSIS REQUEST	
Project Manager: Chad Hensley		P.O. #: 2108761001			
Address: 3101 Boyd drive		Company: Exxonmobil			
City: Carlsbad State: NM Zip: 88220		Attn: Dale Woodall			
Phone #: 575-725-5001 Fax #:		Address: 3104 E Greene St			
Project #: 26A-00705 Project Owner:		City: Carlsbad			
Project Name: JRU Apache 903H		State: NM Zip: 88220			
Project Location:		Phone #:			
Sampler Name: Riley Arnold		Fax #:			

Lab I.D.	Sample I.D.	SUBSTRATE OR (C)COMP.	# CONTAINERS	MATRIX										DATE	TIME	BTEX	TPH	Chloride
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASH	ICE/FLOOR	OTHER	OTHER					
H202389																		
21	BH26-29 @ 1'	G-1			X									4.23.26	1:36	X	X	X
22	BH26-29 @ 2'														1:45			
23	BH26-45 @ 0'														1:58			
24	BH26-45 @ 1'														2:09			
25	BH26-49 @ 1'														2:21			
26	BH26-49 @ 2'														2:36			
27	BH26-49 @ 3'														2:45			

PLEASE NOTE: Labels and Damages: Cardinal's liability and death exclusive limited to the date stated whether direct or indirect from shall be limited to the amount paid to the owner for the unaltered "As Is" items, including losses for negligence and anti-trust clause 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 direct or indirect, business interruptions, loss of data or loss of profits, income, or data, or consequential damages or expenses arising out of or in connection with the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated theories of liability.

Relinquished By:	Date: 4/27/26 Time: 11:57	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address: Rarnold@vertexresource.com Permian@vertexresource.com	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 13 Corrected Temp. °C: 1.4	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) 	REMARKS: Incident ID: NAPP2602033983 GFLM: 48605000
			Turnaround Time: Standard <input checked="" type="checkbox"/> Backorder (only) Sample Condition	Thermometer ID: #140 Correction Factor: +0.1c Go. 4/27/26

FORM-306 REV 1/06/21

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



OCD Permitting

Searches ▼ Operator Data ▼ Hearing Fee Application ▼

Home / Error Notification

An Unexpected Error Has Occurred

Please restart your browser and try to complete this action again. If you continue to experience this issue please contact an OCD representative.

Thank you.



New Mexico Energy, Minerals and Natural Resources Department |
Copyright 2012
1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200
| F: (505) 476-3220

EMNRD
Home

OCD Main
Page

OCD
Rules

Help
Accessibility
Statement

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 588041

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 588041
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEEnvNotifications@exxonmobil.com Date: 05/26/2026
--	--

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 588041

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 588041
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	110000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	55488
GRO+DRO (EPA SW-846 Method 8015M)	51108
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	06/15/2026
On what date will (or did) the final sampling or liner inspection occur	08/26/2026
On what date will (or was) the remediation complete(d)	08/28/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	189139
What is the estimated volume (in cubic yards) that will be remediated	12867

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 588041

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 588041
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

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

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

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

I hereby agree and sign off to the above statement	Name: Richard Kotzur Title: Senior Project Manager Email: NMEnvNotifications@exxonmobil.com Date: 05/26/2026
--	---

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 588041

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 588041
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 588041

QUESTIONS (continued)

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 588041
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	586924
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/22/2026
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	600

Remediation Closure Request

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

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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 588041

CONDITIONS

Operator: XTO ENERGY, INC 3617 North Big Spring Street Midland, TX 79705	OGRID: 5380
	Action Number: 588041
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site assessment/characterization/proven depth to water determination. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. If any portion of the release is off pad, sidewall samples must be taken from the sidewall of the excavation. The Alternative Sampling Plan for 400 ft2 floor confirmation sample size is approved. The release area will still need confirmation sidewall samples representing no more than 200 ft2. All off pad areas must meet reclamation standards in the OCD Spill Rule.	5/27/2026