



CLOSURE AND RECLAMATION REQUEST REPORT

Site Information:

Ram Ewe Federal #003

Incident Number: nMLB0704337034

Unit O, Section 33, Township 22 South, Range 26 East

Eddy County, New Mexico

(32.3438644, -104.2958145)

Prepared For:

WPX Energy Permian, LLC

5315 Buena Vista Dr.

Carlsbad, NM 88220

EXECUTIVE SUMMARY

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of WPX Energy Permian, LLC (WPX), presents the following Closure and Reclamation Request Report (CRRR). The CRRR summarizes prior Site Characterization and delineation efforts, the completion of remediation activities, and subsequent reclamation activities conducted in accordance with an approved Site Characterization Remediation Plan (SCRP), to address an inadvertent release of crude oil and produced water at the Ram Ewe Federal #003 (Site) (Figure 1 in Appendix A). As previously described in the approved SCR, a flowline failure resulted in the release of approximately 5 barrels (bbls) of crude oil and 8 bbls of produced water. No fluids were recovered. Upon notification, the New Mexico Oil Conservation Division (NMOCD) assigned Incident Number nMLB0704337034 to the release event. WPX reported the release to the NMOCD on a Corrective Action Form C-141 (Form C-141) via email on January 29, 2007; a signed hard copy was to be mailed. However, the signed hard copy was not found in the NMOCD incident or imaging files; as such, WPX submitted the Form C-141 through the NMOCD portal, which NMOCD received on March 13, 2025.

Due to the current “site released” status of the release location, a Sundry Permit was required to access the reclaimed pad, access road, and undisturbed pasture soils at the Site. WPX submitted the Sundry Permit on May 27, 2025, in preparation for remediation activities prior to accessing any previously undisturbed areas. The Bureau of Land Management (BLM) approved the Sundry Permit on May 27, 2025, and subsequently assigned Sundry ID: 2854642.

Following the Sundry Permit approval, Etech conducted delineation of the affected release area, hereafter referred to as the Area of Concern (AOC). The delineation laboratory analytical results were presented in a SCR, which was submitted to the NMOCD for review on March 3, 2026. The SCR was approved on March 9, 2026, with the following conditions:

“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 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. Confirmation samples should be collected every 200 ft². All off pad areas must meet reclamation standards set forth in the OCD Spill Rule. The work will need to occur in 90 days after the work plan has been reviewed.”

In April and May of 2026, Etech oversaw the excavation in accordance with the conditionally approved SCR to remove identified residual impacts associated with the AOC. Based on completed remedial actions and laboratory analytical results from final confirmation soil sampling activities presented and detailed within this CRRR, WPX is requesting No Further Remedial Action (NFRA) for Incident Number nMLB0704337034.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

As previously described in the approved SCR, Etech characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC), considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution, or church;

- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

Regional depth to groundwater at the Site is estimated to be greater than 100 feet below ground surface (bgs) based on a nearby soil boring advanced by Joseph M. Vlosich Jr. for Lynn Thompson from April 10, 2003, to June 3, 2003. The soil boring is located approximately 0.4 miles North of the Site. The soil boring (C-02964) was advanced to a total depth of 319 feet below ground surface (bgs). No fluids were observed during the drilling process or after a 72-hour observation period. The referenced boring is provided in [Appendix B](#). The soil boring location and other nearby soil borings and/or regional groundwater well locations are shown in [Figure 1A](#) in [Appendix A](#).

The Site is located within a BLM-designated critical karst potential area, as mapped by the Bureau of Land Management (BLM). As result, Southwest Geophysical Consulting, LLC (Southwest) conducted an Environmental Karst Study to evaluate the Site stability. Southwest concluded that the Site study area was “unstable ground” due to the presence of surface karst features within proximity of the Site, an identified subsurface anomaly within the Site study area, and an interpretation of “moderately chaotically-layered” stratigraphy based on Electrical Resistivity Imaging. The full Environmental Karst Study report is included in [Appendix C](#). All other potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used to determine the site characterization are included in [Figure 1B](#) and [Figure 1C](#) in [Appendix A](#).

Based on the results from the desktop review, specifically the Environmental Karst Study determination of “unstable ground” within a BLM-designated critical karst potential area, the following Closure Criteria will be applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria*
Chloride	Environmental Protection Agency (EPA) 300.0	600 milligram per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	100 mg/kg
Benzene	EPA 8021B/8260B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B/8260B	50 mg/kg

* The reclamation standard concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

SUMMARY OF PREVIOUS DELINEATION SOIL SAMPLING ACTIVITIES

Comprehensive delineation activities were previously completed at the Site and documented in the SCRP. The SCRP was received by the NMOCD on March 4, 2026, approved on March 9, 2026, and assigned application ID number ([559347](#)). The purpose of this CRRR is not to restate the full scope of previous delineation activities, but to summarize how the approved delineation information was

used to support implementation of the approved SCRP. The complete delineation established the horizontal and vertical extent of soil impacts. This report documents the implementation of the remedial activities and demonstrates that the proposed corrective actions identified in the approved SCRP have been completed.

Delineation was driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. Results of delineation activities identified and sufficiently delineated chloride impacts associated with the AOC ([Figure 2 in Appendix A](#)). The completed delineation established the basis for the approved SCRP to support the estimated volume of impacted soil for removal and subsequently used to guide excavation activities.

A summary of the delineation activities, including field screening results and soil descriptions, is included on soil sampling logs shown in [Appendix D](#). Photographic documentation of delineation activities is included in [Appendix E](#). Laboratory analytical results are summarized in [Table 1](#), included in [Appendix F](#). The executed chain-of-custody form and laboratory reports are provided in [Appendix G](#) and are incorporated herein for reference.

EXCAVATION SOIL SAMPLING ACTIVITIES

On April 15, 2026, Etech directed the removal of identified soil impacts via heavy equipment associated with the AOC, in accordance with the approved SCRP. Excavation activities were guided by field screening of soil for VOCs and chloride as previously described. Following the removal of impacted soil, Etech collected 5-point composite confirmation soil samples from the excavation at a sampling frequency of 200 square feet (sqft) from the floors (FS01 through FS10) and Sidewalls (SW01 through SW07). The 5-point composite confirmation soil samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. The samples were then placed on ice and transported under strict chain-of-custody procedures to Envirotech, Inc. (Envirotech) in Farmington, New Mexico for analysis of COCs.

Upon review of laboratory analytical results, Etech concluded that additional excavation was warranted. From April 24 through May 13, 2026, Etech oversaw continued excavation activities via mechanical equipment to remove identified residual soil impacts in the vicinity of FS04, FS06, FS07, FS08, and SW02. Following the removal of impacted soil, Etech collected 5-point composite soil from the excavated floors and sidewall at a sampling frequency of 200 sqft. The soil samples were collected, handled, and analyzed as previously described.

It should be noted that confirmation excavation soil samples FS04 and FS05 were collected from the stairstep wall within the excavation, representing the area between the 5-foot and 6-foot excavation floors. These soil samples supplemented the final floor and sidewall confirmation samples and represent a maximum of 200 square feet per soil sample. The remaining confirmation excavation soil samples were collected from the excavation floors and sidewalls as designated by the soil sample nomenclature previously denoted.

Approximately 405 cubic yards (CY) of impacted soil were excavated, removed from the Site, and transported to a waste management facility under WPX approved manifests. The excavation extents and location of confirmation excavation soil samples are shown in [Figure 3 in Appendix A](#). Photographic documentation of excavation activities is included in [Appendix E](#).

FINAL CONFIRMATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results indicated that concentrations of COCs for all final confirmation soil samples were below the applicable Site Closure Criteria and/or reclamation standard. Laboratory analytical results are summarized in [Table I](#) included in [Appendix F](#). The executed chain-of-custody forms and laboratory analytical results are provided in [Appendix G](#).

RECLAMATION

On June 10, 2026, the excavations, which totaled approximately 1,987 sqft, were backfilled with 405 CY of clean, locally sourced soil, and the Site was restored to “as close to its original state” as possible. The final soil cover was contoured to match the Site’s pre-existing grade to prevent ponding of water and erosion. Based on the Site’s soil profile, Reagan-Upton association (RE), the Site was reseeded via hand broadcast method with BLM Seed Mixture #1 (Loamy Sites) in accordance with BLM guidelines ([Appendix H](#)) on July 1, 2026. The selected seed blend will provide the maximum results of vegetation regrowth and ground surface coverage to match pre-existing conditions at the Site. Site inspections will be performed annually to assess revegetation progress and evaluate the Site for the presence or absence of primary and/or secondary noxious weeds. Upon confirmation that the vegetation cover percentage and the life-form ratio meet the NMOCD definition of “revegetation”, a Revegetation Report will be prepared and submitted, requesting approval of the Site restoration. If no growth is shown within a year of the next favorable growing season, the Site will be reseeded accordingly. If noxious weeds are identified, WPX will address them accordingly.

Following the backfilling activities, Etech evaluated the backfill material's capacity to support vegetative growth. Three 5-point composite soil samples were collected from the backfilled excavation areas (SC01 through SC03) and qualitatively evaluated for nutrient density of pH, Nitrogen (N), Phosphorus (P), and Potassium (K) utilizing a HoldAll® Soil Test Kit according to the operating manual, which is included in [Appendix I](#). Laboratory analytical results and field screening indicated the backfill material appears to correlate with surrounding soil conditions currently supporting native vegetative growth, as summarized in [Table 1](#) and [Table 2](#) in [Appendix F](#). The locations of the total reclaimed area(s) are shown in [Figure 4](#) of [Appendix A](#), which in turn will become the future revegetation area(s). Photographic documentation of restoration activities is included in [Appendix E](#). The laboratory analytical results for the soil cover material are provided in [Appendix G](#).

CLOSURE REQUEST

Based on previous and recent laboratory analytical results, WPX believes that residual soil impacts associated with the inadvertent release have been delineated, excavated, and removed from the Site. The remediation area(s) have subsequently been reclaimed “as close to its original state” as possible and reseeded with the appropriate BLM seed mixture. As such, NFRA appears warranted at this time, and this CRRR associated with Incident Number nMLB0704337034 should be respectfully considered for Closure by the NMOCD.

If you have any questions or comments, please do not hesitate to contact Erick Herrera at (281) 310-0871 or erick@etechenv.com or Joseph S. Hernandez at (432) 305-6413 or joseph@etechenv.com. [Appendix J](#) provides correspondence and email notification receipts associated with the subject release.

Sincerely,

Etech Environmental and Safety Solutions, Inc.



Erick Herrera
Operations Manager, EGTG
Consultant, Geologist



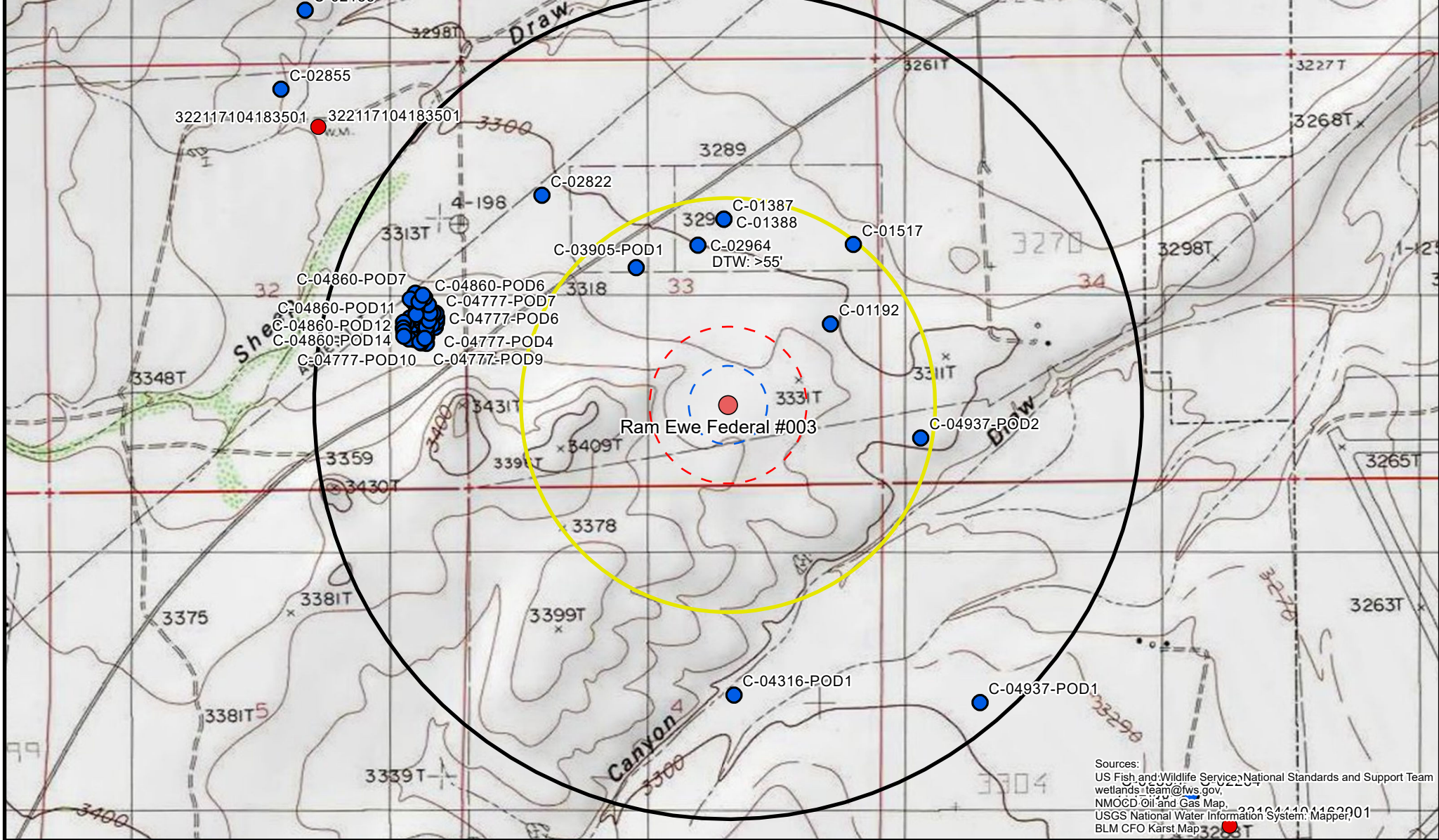
Joseph S. Hernandez
Division Director, EGTG (TX and NM)
Environmental and Geoscience Technical Group

cc: Jim Raley, WPX
New Mexico Oil Conservation Division
Bureau of Land Management

Appendices:

- Appendix A: Figure 1: Site Location Map
 - Figure 1A: Site Characterization Map – Groundwater
 - Figure 1B: Site Characterization Map – Surficial Receptors
 - Figure 1C: Site Characterization Map – Subsurface Receptors
 - Figure 2: Delineation Soil Sample Locations
 - Figure 3: Excavation Soil Sample Locations
 - Figure 4: Reclaimed Areas
- Appendix B: Referenced Well Records
- Appendix C: Environmental Karst Study Report
- Appendix D: Soil Sampling Logs
- Appendix E: Photographic Log
- Appendix F: Tables
- Appendix G: Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix H: BLM Seed Mixture 1 (Loamy Sites)
- Appendix I: HoldAll® Operating Manual
- Appendix J: Correspondence & Notifications

| Appendix A



Legend

- Site Location
- NMOSE POD Locations
- USGS Well Locations

Distance Buffers

- 500 Foot Radius
- 1,000 Foot Radius
- 0.5 Mile Radius
- 1.0 Mile Radius

Notes:

Environmental Systems Research Institute (ESRI),
New Mexico Oil and Conservation Division (NMOCD),
United States Fish and Wildlife Service (USFWS)
Office of the State Engineer (OSE),
United States Geological Survey (USGS),
Bureau of Land Management (BLM),
Carlsbad Field Office (CFO),
FEMA's National Flood Hazard Layer (NFHL),
DTW - Depth to Water in feet below ground surface (bgs)

* A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes within 500 horizontal feet of the Site

Site Characterization Map - Groundwater

Ram Ewe Federal #003
32.3438644°, -104.2958145°
Unit O Sec 33 T22S R26E
Eddy County, New Mexico
WPX Energy Permian, LLC

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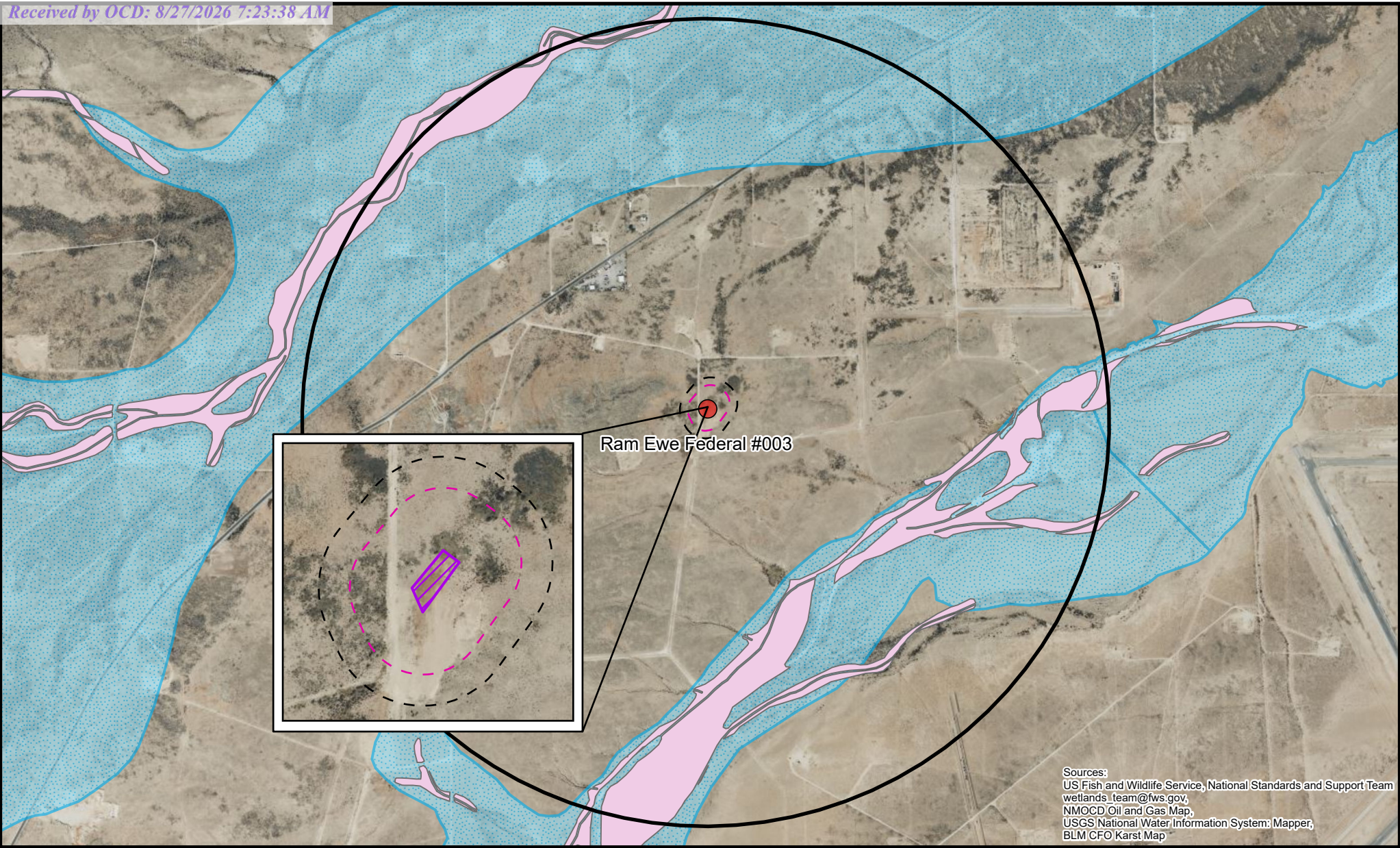
13000 W County Rd 100
Odessa, Texas 79765
Phone: (432) 563-2200

Map Information

Project Number: 21975
Designed by: E. Herrera

FIGURE 1A

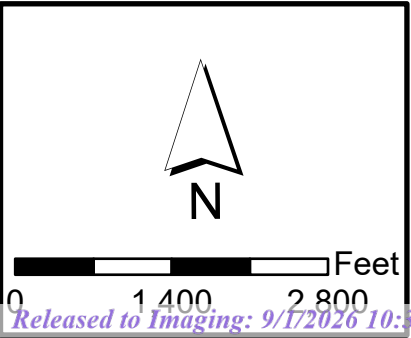
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Legend

- Site Location
- ▨ Area Of Concern
- FEMA'S National Flood Hazard Layer**
 - FEMA 1% Annual Chance Flood Hazard
- USFWS Wetlands Inventory**
 - Estuarine and Marine Deepwater
 - Estuarine and Marine Wetland
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Freshwater Pond
 - Lake
 - Riverine
 - Other
 - Riparian - Forested/Shrub
- Distance Buffers**
 - 200 Foot Radius
 - 300 Foot Radius
 - 1.0 Mile Radius

Notes:
Environmental Systems Research Institute (ESRI),
New Mexico Oil and Conservation Division (NMOCD),
United States Fish and Wildlife Service (USFWS)
Office of the State Engineer (OSE),
United States Geological Survey (USGS),
Bureau of Land Management (BLM),
Carlsbad Field Office (CFO),
FEMA's National Flood Hazard Layer (NFHL),
DTW - Depth to Water in feet below ground surface (bgs)
* A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes within 500 horizontal feet of the Site



Site Characterization Map - Surficial Receptors

Ram Ewe Federal #003
32.3438644°, -104.2958145°
Unit O Sec 33 T22S R26E
Eddy County, New Mexico
WPX Energy Permian, LLC

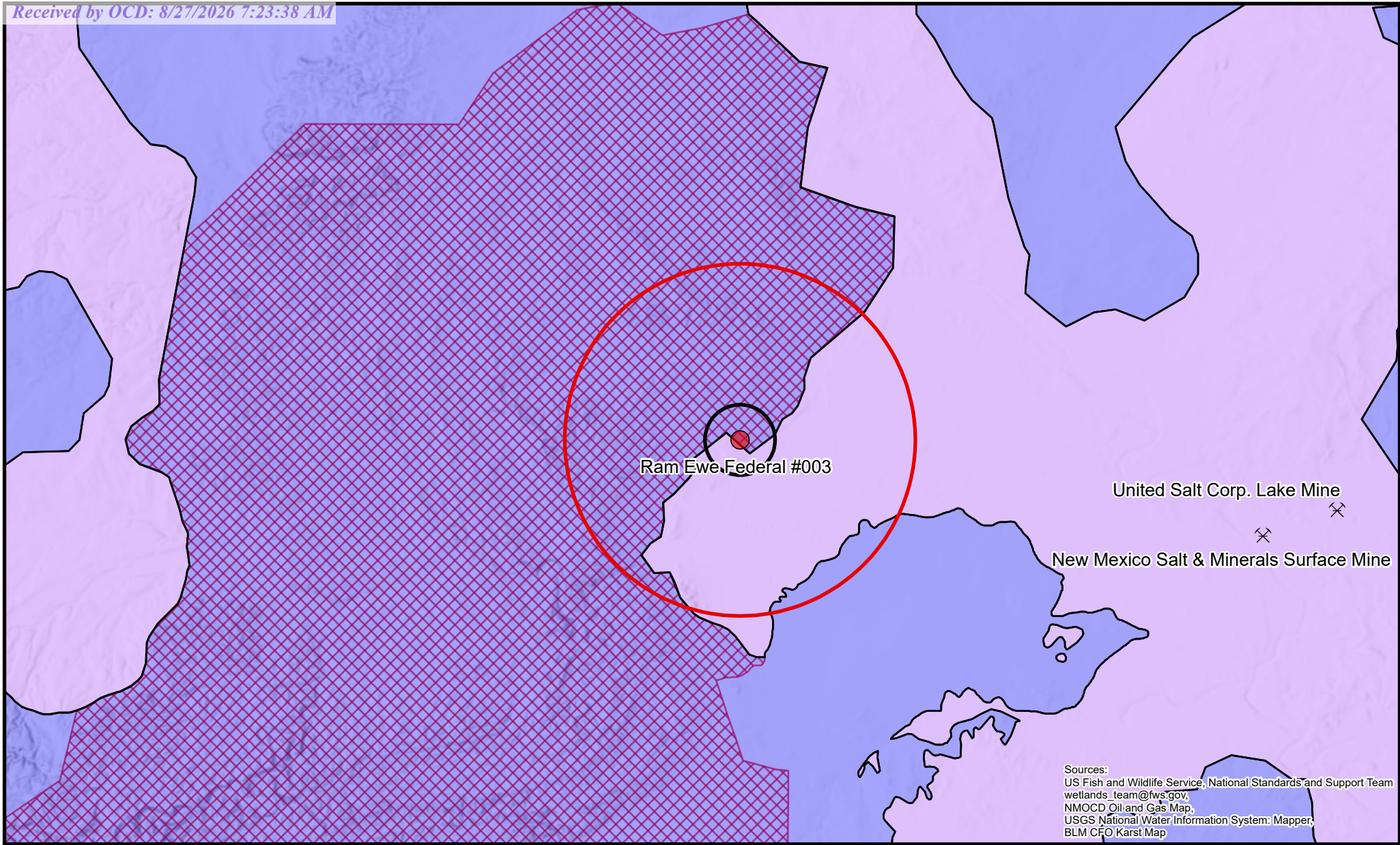
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Phone: (432) 563-2200

Map Information

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Designed by: E. Herrera

FIGURE 1B



Legend

- Site Location
- BLM Karst Designation**
 - Low Karst
 - Medium Karst
 - High Karst
 - Critical Karst
- Active Registered Mines in New Mexico**
 - Subsurface Mine
- Distance Buffers**
 - 1.0 Mile Radius
 - 5.0 Mile Radius

Notes:

Environmental Systems Research Institute (ESRI),
New Mexico Oil and Conservation Division (NMOCD),
United States Fish and Wildlife Service (USFWS)
Office of the State Engineer (OSE),
United States Geological Survey (USGS),
Bureau of Land Management (BLM),
Carlsbad Field Office (CFO),
FEMA's National Flood Hazard Layer (NFHL),
DTW - Depth to Water in feet below ground surface (bgs)

* A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes within 500 horizontal feet of the Site

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Site Characterization Map - Surficial Receptors

Ram Ewe Federal #003
32.3438644°, -104.2958145°
Unit O Sec 33 T22S R26E
Eddy County, New Mexico
WPX Energy Permian, LLC

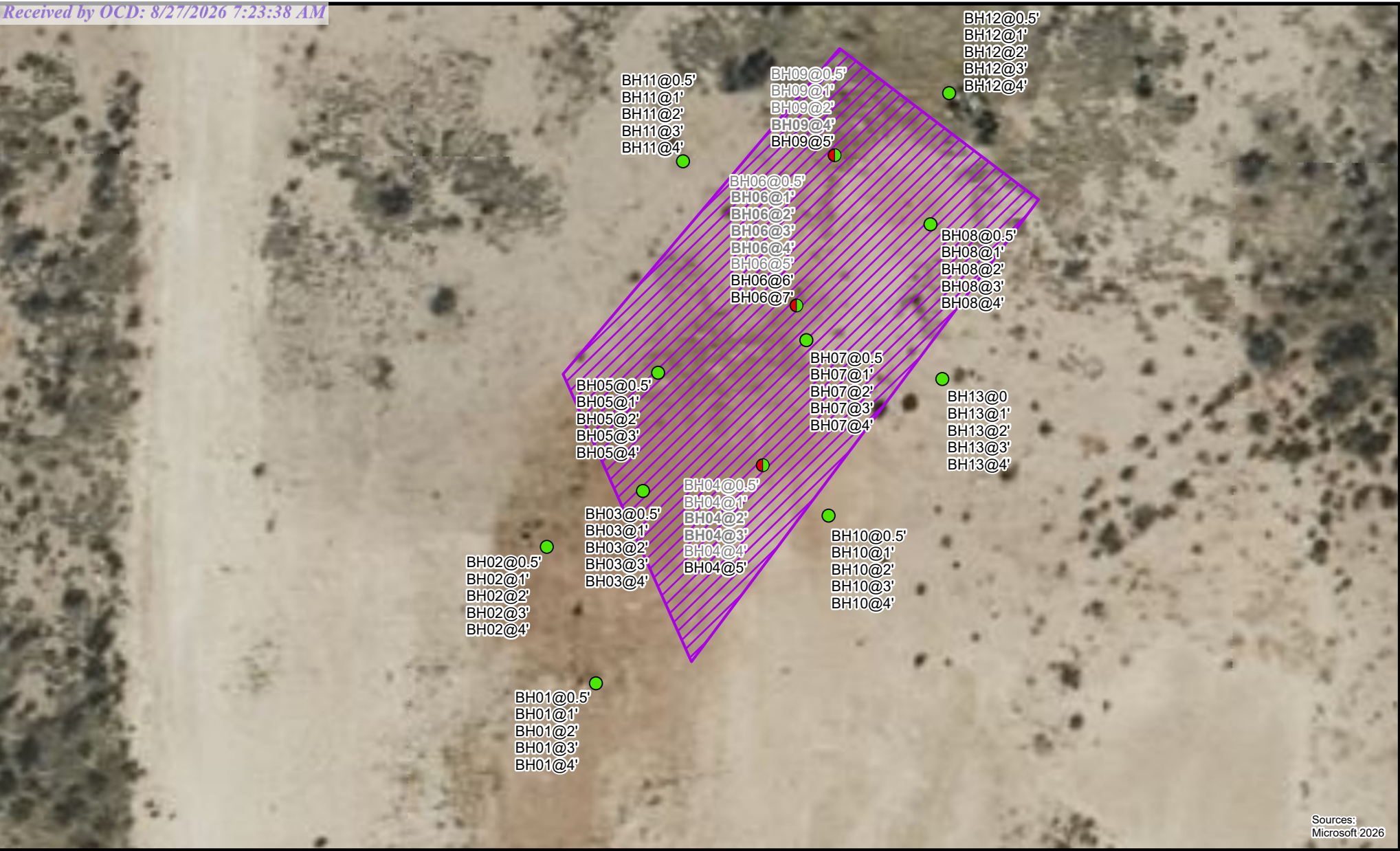
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Phone: (432) 563-2200

Map Information

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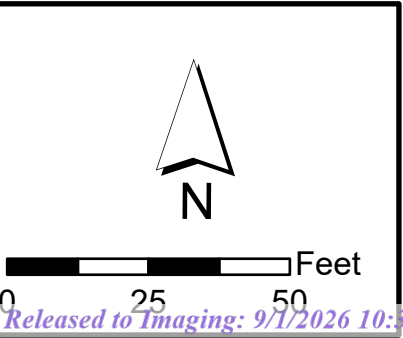
FIGURE 1C



Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Area of Concern

Notes:
Text in "grey" indicates excavated soil samples
Text in **bold** indicates concentrations exceeding the NMOCD Table I Closure Criteria and/or Reclamation Standard for Soils Impacted by a Release.
Sample ID @ Depth Below Ground Surface in Feet
BTEX analyzed by EPA Method 8021
TPH analyzed by EPA Method 8015
Chloride Analyzed by EPA Method 300.0



Delineation Soil Sample Locations

Ram Ewe Federal #003
32.3438644°, -104.2958145°
Unit O Sec 33 T22S R26E
Eddy County, New Mexico
WPX Energy Permian, LLC



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FIGURE 2



Legend

- Excavation Floor Soil Sample in Compliance with Closure Criteria
- Excavation Sidewall Soil Sample in Compliance with Closure Criteria
- Excavation Sidewall Soil Sample with Concentrations Exceeding Closure Criteria
- Excavation Extent - 5'
- Excavation Extent - 6'
- Additional Area Excavated for Sidewall Exceedance

Excavation Summary		
Excavation	Area (sq ft)	Cubic Yards (CY)
Northern Excavation	1,595	332
Southern Excavation	392	73
Total	1,987	405

Notes:

Text in "grey" indicates excavated soil samples

Text in **bold** indicates concentrations exceeding the NMOCD Table I Closure Criteria and/or Reclamation Standard for Soils Impacted by a Release.

Sample ID @ Depth Below Ground Surface in Feet

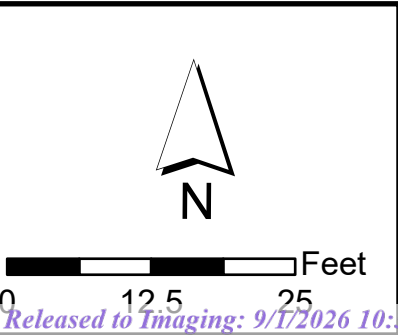
BTEX analyzed by EPA Method 8021

TPH analyzed by EPA Method 8015

Chloride Analyzed by EPA Method 300.0

Slope Change Samples (FS04 & FS05)

Collected on the slope change between the 5 - 6 ft excavation(s)



Excavation Soil Sample Locations

Ram Ewe Federal #003

32.3438644°, -104.2958145°

Unit O Sec 33 T22S R26E

Eddy County, New Mexico

WPX Energy Permian, LLC

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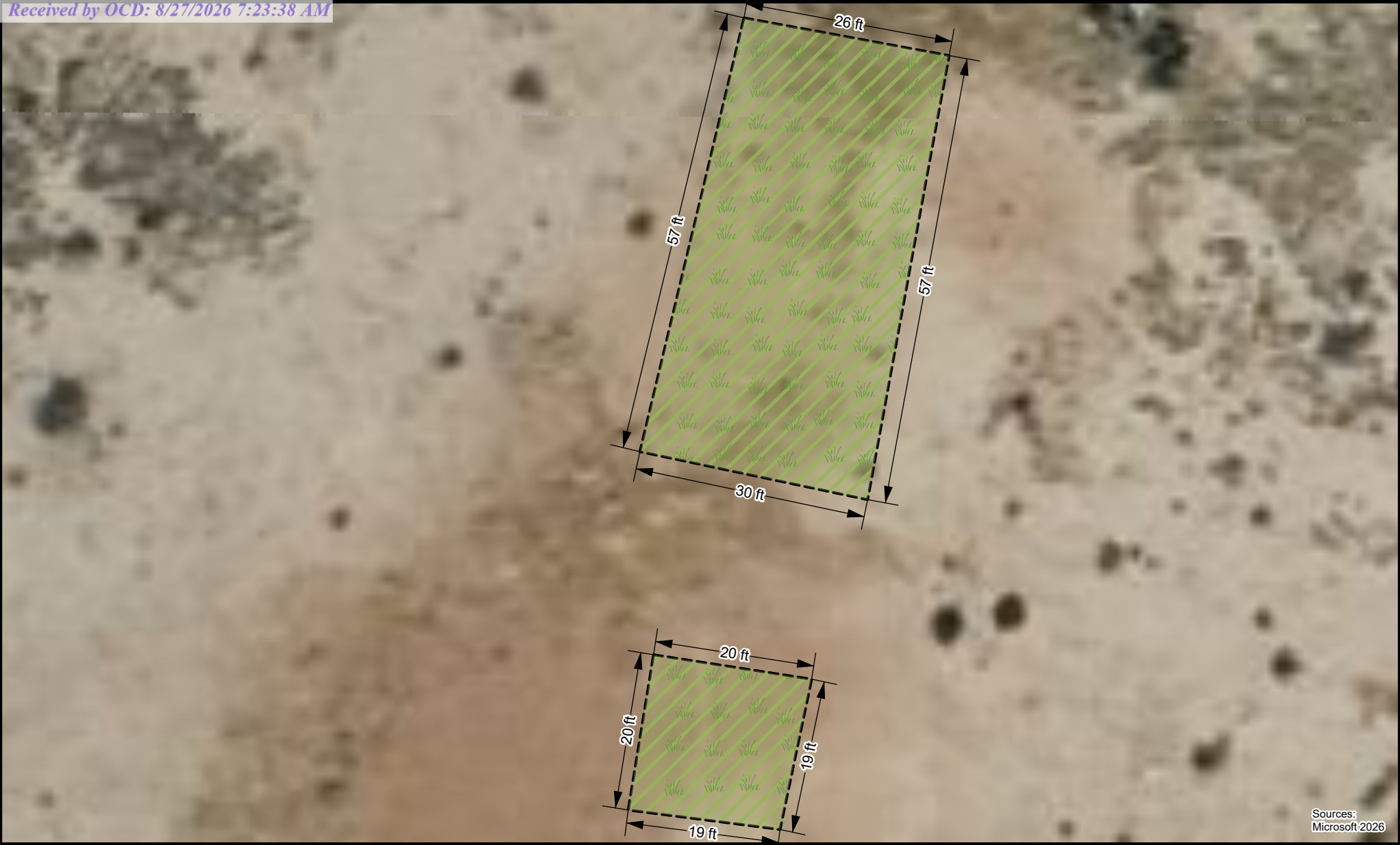
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Project Number: 21975

Designed by: E. Herrera

FIGURE 3



Sources:
Microsoft 2026

Legend

 Reclaimed Areas

- Notes:
1. Areas have been reclaimed in accordance with NMOCD Reclamation Standards.
 2. Future revegetation will be monitored to evaluate vegetation establishment.
 3. All disturbed areas seeded with BLM Seed Mixture #1 (Loamy Sites) on July 1, 2026.

Map Information

Project Number: 21975
Designed by: E. Herrera

FIGURE 4



0 12.5 25 Feet

Reclaimed Areas

Ram Ewe Federal #003

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Eddy County, New Mexico

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| Appendix B

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

STATE ENGINEER OFFICE
WELL RECORD

466794

Section 1. GENERAL INFORMATION

(A) Owner of well LYNN THOMPSON Owner's Well No. C-2964
Street or Post Office Address 502 SUNNY VIEW
City and State CARLSBAD N. MEX

Well was drilled under Permit No. C-2964 and is located in the:

a. $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE of Section 33 Township 22 S Range 26 E N.M.P.M.
b. Tract No. _____ of Map No. _____ of the _____
c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in EDDY County.
d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor JOSEPH M. VLOSICH JR License No. WD-1536
Address R 329 N. HAPPY VALLEY RD.
Drilling Began 5-10-03 Completed 6-3-03 Type tools CABLE Size of hole 9 in.
Elevation of land surface or UNKNOWN at well is _____ ft. Total depth of well 319 ft.
Completed well is ☐ shallow ☐ artesian. Depth to water upon completion of well _____ ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
			DRY HOLE	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

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

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

Date Received 6-11-03 FOR USE OF STATE ENGINEER ONLY 265845
Quad _____ FWL _____ FSL _____
File No. C-2964 Use Dom/stk Location No. 22.26.33.233

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		
0	10	10	SURFACE DIRT
10	12	2	LIGHT BROWN CLAY
12	17	5	LIGHT RED CLAY
17	26	9	LIGHT BROWN CLAY
26	30	4	LIGHT RED CLAY
30	34	4	LIGHT BROWN CLAY
34	41	7	LIGHT RED CLAY
41	55	14	LIGHT BROWN CLAY
55	65	10	LIGHT REDDISH CLAY
65	90	25	MEDIUM BROWN CLAY
90	95	5	OFF WHITE CLAY
95	132	37	LIGHT REDDISH BROWN CLAY
132	144	12	MEDIUM BROWN CLAY
144	148	4	DARK GREY GYPSUM
148	182	34	LIGHT GREY GYPSUM
182	197	15	OFF WHITE GYPSUM
197	203	6	LIGHT GRAY GYPSUM
203	234	31	LIGHT BLUE GYPSUM
234	247	13	LIGHT GREY GYPSUM
247	253	6	WHITE GYPSUM
253	301	48	OFF WHITE GYPSUM
301	319	18	LIGHT GREY GYPSUM

Section 7. REMARKS AND ADDITIONAL INFORMATION

2" x 6" METAL SURFACE CASING WITH CAP
WELDED ON TOP WITH 3/4" PIPE NIPPLE & CAP
ON TOP CEMENTED IN GROUND.

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

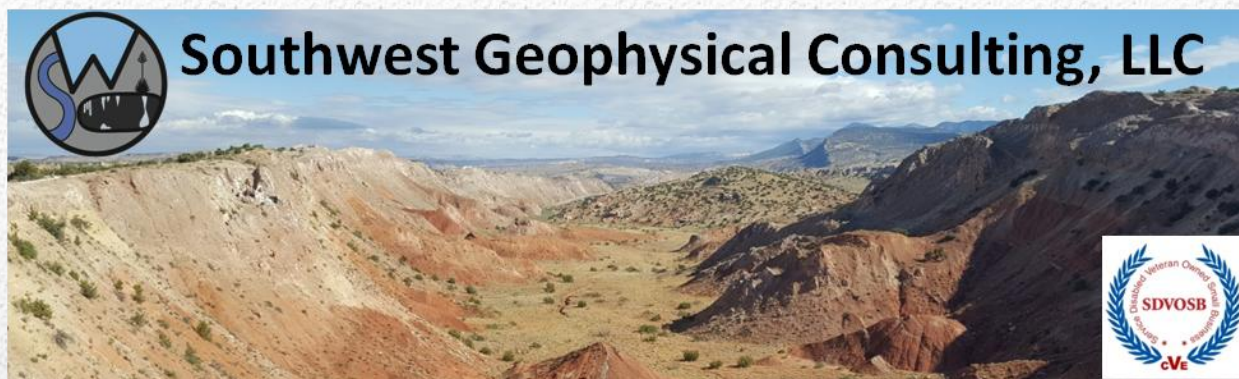
Joseph M. Klovich Jr.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

| Appendix C

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213



Environmental Karst Study Report Devon Ram Ewe Federal No. 003 Eddy County, New Mexico

Prepared For:
eTech Environmental & Safety Solutions, Inc.
13000 West County Road 100
Odessa, TX 79765

- ☒ **Positive within 200 feet of spill delineation boundary**
- ☐ **Negative within 200 feet of spill delineation boundary**
- ☐ **Stable** ☒ **Unstable Ground**
- ☒ **Karst Monitor Recommended**

May 23, 2025

ETEC-013-20250312

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MMXXV

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1.0 INTRODUCTION

This report was commissioned by eTech Environmental & Safety Solutions, Inc. (hereinafter referred to as "the client"), on March 12, 2025, for the purpose of conducting an environmental karst study within an area encompassing the Devon Ram Ewe Federal No. 003 release site (hereinafter termed "REF3") centered at N 32.343930° W 104.295669°.

1.1 Goals of this Study

The goals of this study are to conduct a surface karst inventory and provide the client with the location and description of any surface karst features located within 200 feet (61 meters) of the spill delineation boundary (as defined by 19.15.29.12 NMAC^[1]), and to determine whether stable ground exists (as defined by 19.15.2 NMAC Definitions^[2]) within the spill boundary of the Devon Ram Ewe Federal No. 003 project as provided by the client via e-mail (**Ram Ewe Federal No. 003.kmz**) on March 12, 2024, using electrical resistivity imaging^[3].

1.2 Summary of Findings

- **One recognized surface karst feature was found within the spill delineation boundary.**
- **Two additional recognized surface karst features exist within 200 feet (61 meters) of the spill delineation boundary.**
- Five additional recognized surface karst features lie within the 305-meter survey boundary, with four of these being within the 200-meter survey boundary.
- **One anomaly consistent with a subsurface air-filled void was found within the REF3 resistivity survey area, indicating a surface collapse risk exists.**
- **Moderately chaotically-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted indicating unstable ground.**

1.3 Affected Environment

The REF3 project site is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Additionally, karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The four primary concerns in these types of terrain are environmental issues, worker safety, equipment damage, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers^[4]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **CRITICAL** karst occurrence zone (CKOZ)^[5] (**Figure 1**).

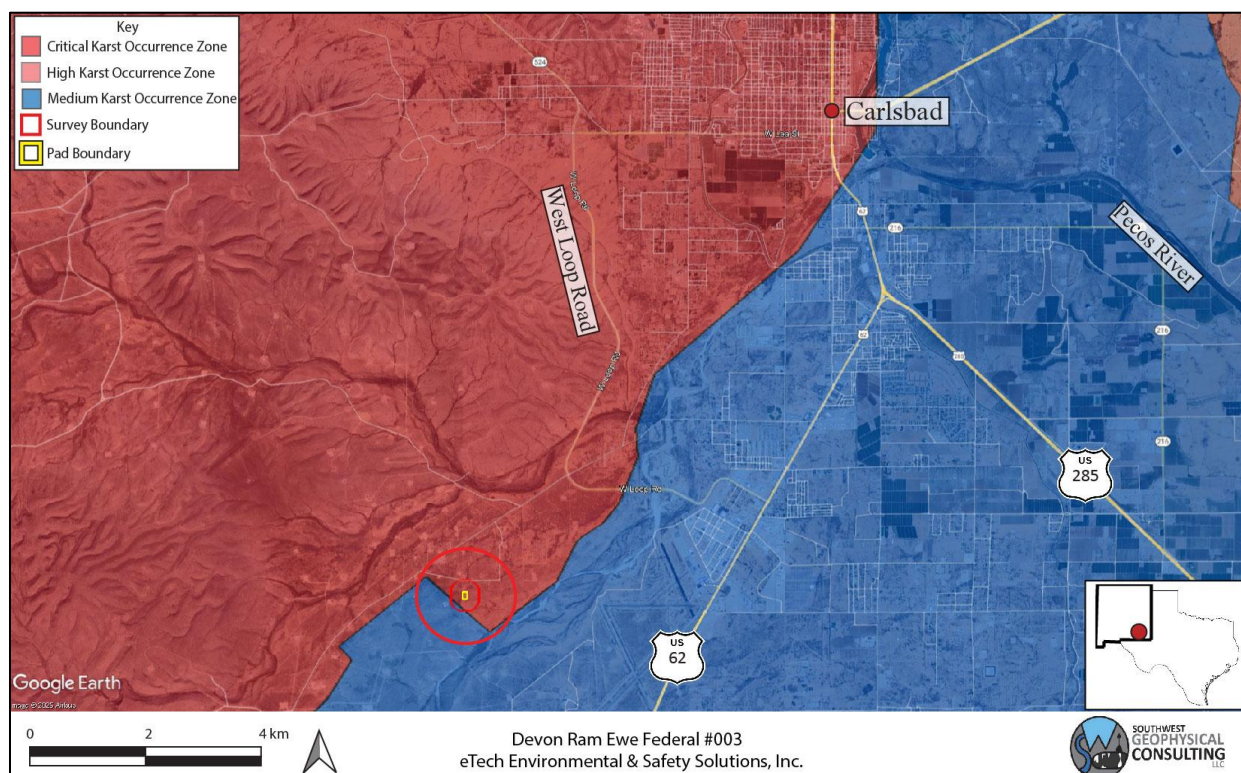


Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: August 21, 2024. Image datum: WGS-84.

A critical karst occurrence zone is defined as an area in known soluble rock types with high density of significant cave systems and/or bedrock fractures that lead to the rapid recharge of karst groundwater aquifers from surface runoff. These areas provide critical drinking water supplies for major communities and ranching operations, and supply springs that support rivers and vital riparian habitats^[4].

Due to the rapidity with which evaporite karst develops, locations within a BLM-CFO designated karst occurrence zone must be assessed on an individual basis to determine the existence of surface karst features and the possibility of sub-surface karst development each time a release occurs.

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of eTech Environmental & Safety Solutions, Inc. in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of aerial imagery analysis results in the field should be conducted prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be conducted.

To the best of our knowledge, the information contained in this report is accurate at the date of issue. Due to the nature of karst terrain, the information in this report shall not be used beyond two years past the date of the field work provided in section **2.3 Description of Survey**. Large weather events can shorten this time period as areas subject to karst development can rapidly form new features subsequent to these events.

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The site is located 10.3 kilometers (6.4 miles) southwest of Carlsbad, New Mexico, northwest of U.S. Highway 62 between Dark Canyon and Hidalgo Rural Road. The release site is located within the SE $\frac{1}{4}$ section of section 33, NM T22S R26E^[6] (**Figure 1** and **Figure 2**). The region has flat-lying terrain with karstification occurring in the gypsite soils and underlying gypsum and dolomite bedrock^[7] (see section **2.2 Local Geology Summary** for further information). There are eleven recognized *surface* karst features within 1.0 kilometer (0.6 miles) of the project site. The climate in this area of southeast New Mexico is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January^[8]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map^[9] and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The spill delineation boundary is located within a CKOZ^[5] (**Figure 1**) and within BLM-CFO managed land^[10] (**Figure 2**).

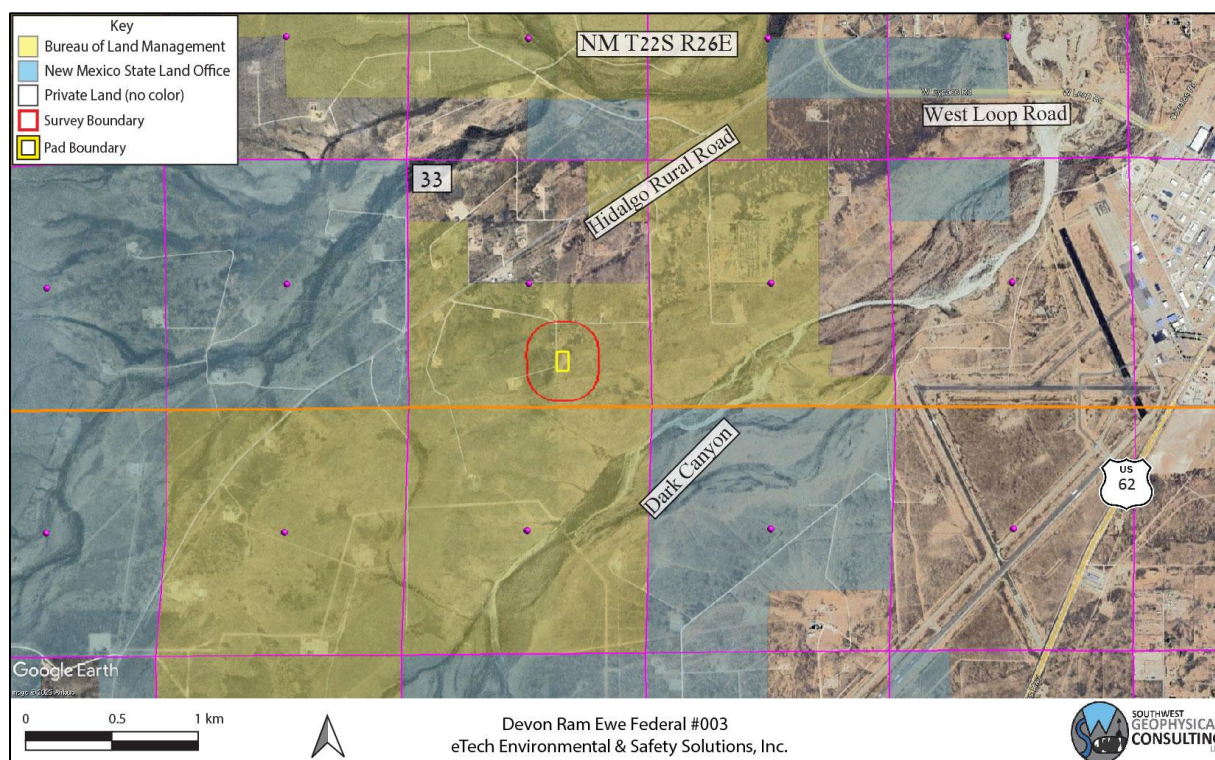


Figure 2: Land ownership and PLSS overview. Background image credit: Google Earth. Image date: April 15, 2023. Image datum: WGS-84.

2.2 Local Geology Summary

The site for the REF3 survey is located at an elevation of 1,020 meters (3,346 feet), $\pm$ 8 meters (26.2 feet), and is located within a region underlain by the Permian Rustler Formation (Pru). The area is mantled by thin gypsiferous soils (gypsite), Quaternary alluvium (Qal), and piedmont gravels (Qp)^[11] up to 5 meters in depth (**Figure 3**).

The Rustler Formation is an evaporite facies composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite, and gypsum, and contains both karst-forming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members)^[12].

The Pru overlies the Permian Salado Formation (Psl), a layer of extremely soluble halite which can readily dissolve to create caves, sinkholes, and other karst features; however, due to its extremely soluble nature, only non-soluble silt and sand remain from the dissolution of this layer at the surface^[12]. The Rustler Formation may be subject to collapse if a void has developed beneath it in the Salado Formation^[13].

The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale^[14] and the Digital Geologic Map of New Mexico in ARC/INFO Format^[11].

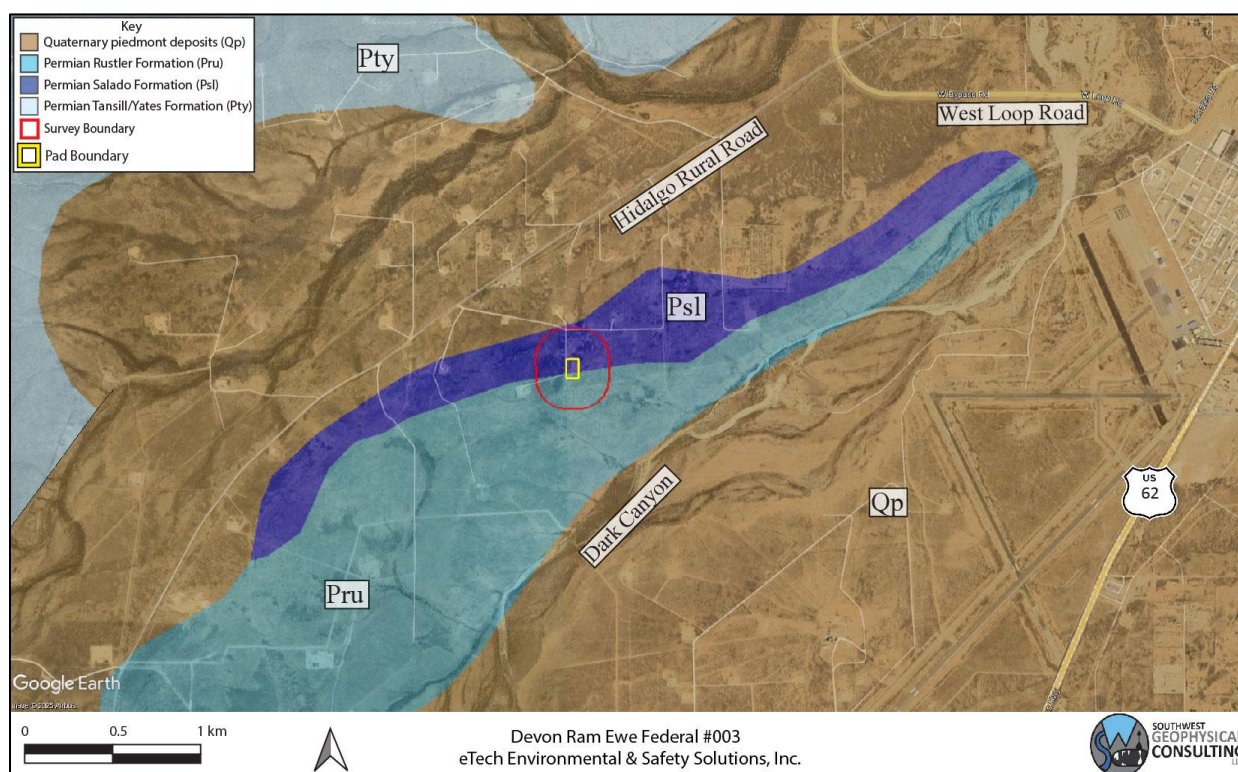


Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format. Background image credit: Google Earth. Image date: April 15, 2023. Image datum: WGS-84.

2.3 Description of Survey

2.3.1 Surface Karst Survey

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides surface karst surveys using small, uncrewed aerial systems (sUAS) that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

The surface karst survey includes a desk study prior to the flight which allows us to provide client feedback in the event of any previously known karst features in the area. The desk study is performed out to 305 meters (1,000 feet) from the spill delineation boundary per New Mexico Oil Conservation Division guidance^[1] (**Figure 4**). The study was performed using satellite and aerial imagery from Google Earth Pro dated April 15, 2023 (please note features less than one meter in diameter are generally not visible using this method); the Southwest Geophysical Cave and Karst Database dated March 30, 2025^[15]; the Kitchen Cove, NM, 1:24,000 quad, 1985, USGS topographic map; and the latest lidar imagery from CalTopo.com. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned two surface karst features within the 305-meter survey boundary. These features can be identified by the feature ID dates earlier than that of this survey in **Table 3**.

Surface karst surveys are conducted by sUAS at low elevation within 200 meters of the spill delineation boundary^[3] (**Figure 4**) following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 6**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by an experienced karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report^[16].

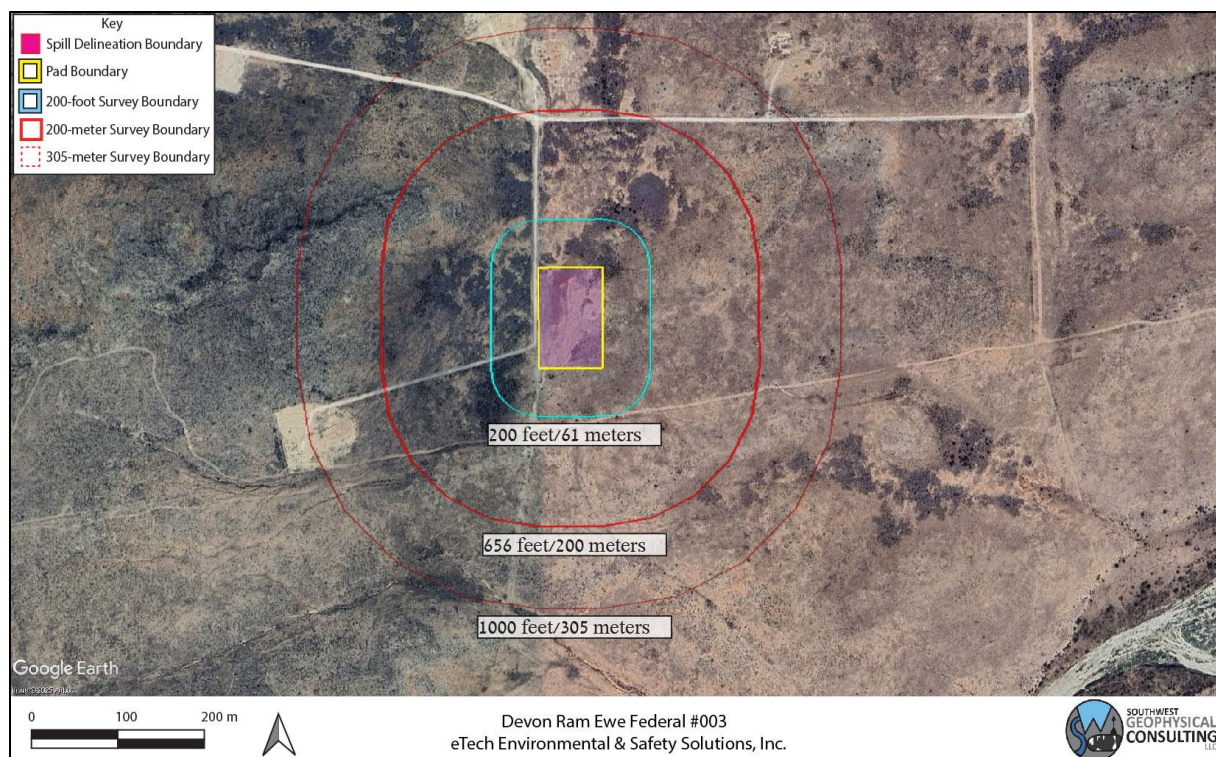


Figure 4: Surface survey overview. Background image credit: Google Earth. Image date: April 15, 2023. Datum: WGS-84.

The resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they are impacted by the proposed remediation efforts. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 6**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

This study utilized aerial imagery collected by Pat Lagodney of SWCA on March 14, 2025. Surface karst features may have developed after this date and may not be noted in this report. Imagery analysis was completed by Garrett Jorgensen Olague of Southwest Geophysical Consulting on May 2, 2025.

2.3.2 Geophysical Survey

For this survey, an Advanced Geosciences Inc. (AGI) SuperSting™ Wifi R8 with a multi-electrode switchbox, a 28-electrode array of 40-centimeter-long electrodes, and a tablet controller were used to image the subsurface. The spill delineation boundary, which in this survey is the same as the pad boundary, provided by the client was used to plan the resistivity arrays and define the survey perimeter. The REF3 survey consisted of 9 resistivity lines in a dipole-dipole configuration laid out in a south-north array at 5-meter electrode spacing, with lines spaced 10 meters apart from east to west, resulting in a 135-meter-wide, 80-meter-long array. The total number of electrodes placed was 252. The total combined length of this survey was 1.26 kilometers (0.78 miles); the total area covered was 0.01 square kilometers (2.92 acres) (**Figure 5, Table 1**). A preconfigured command file (DiDi28) was used to run the data collection; this configuration provided a depth of investigation of 27 meters (89 feet) with a resolution of 2.5 to 3.0 meters (8.2 to 9.8 feet) within the first 5 to 8 meters (16 to 26 feet) from the surface. A Leica GS18 GPS was used to record electrode locations and elevations.

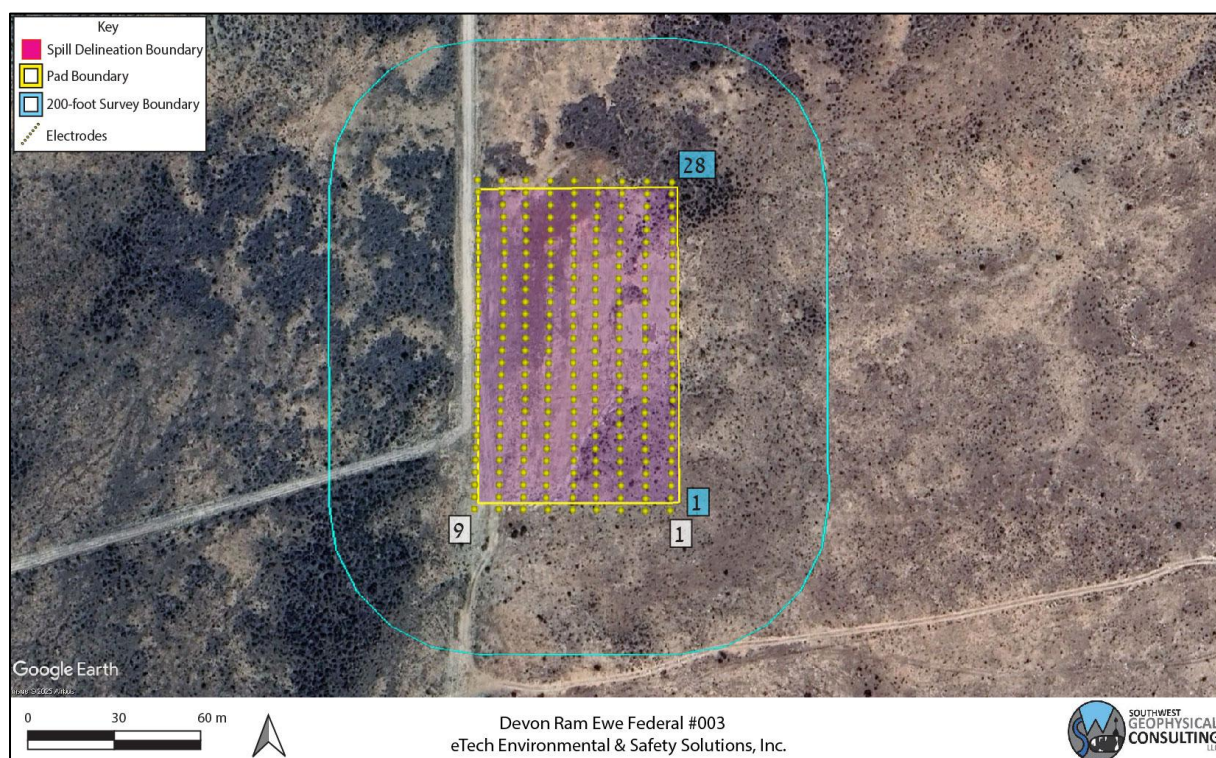


Figure 5: Geophysical survey overview. REF3 consisted of nine lines (denoted with white numbers) at 5-meter electrodes spacing (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: April 15, 2023. Image datum: WGS-84.

Table 1 provides basic line data. Detailed information for each line including electrode number, location in latitude/longitude (decimal degree format), and elevation in meters can be found in the accompanying data files.

Table 1: Survey Line Data Table. The REF3_ERI_Points.kmz file contains all the points for the survey line listed in the file name. These data are available in the accompanying files ETEC-013-20250312_REF3_Data_Files.kmz.

File Name:	Completed By:	Date:
REF301.kmz	Garrett Jorgensen Olague – Senior Field Geologist Britt Bommer – Field Geologist Steven Kesler – Field Geologist	4/30/2025
REF302.kmz		
REF303.kmz		
REF304.kmz		
REF305.kmz		
REF306.kmz		
REF307.kmz		
REF308.kmz		
REF309.kmz		

APPENDIX 10.2 provides the 2D inverted resistivity section images for each of the survey lines. EarthImager™ 2D and EarthImager™ 3D software were used to download and process the data and to provide the model used to make our interpretations. The design of the survey and the orientation of each of the lines provides the information necessary to make the determination of “stable” or “unstable” ground at this site.

A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was “average apparent resistivity” and a default inversion setting of “surface,” with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or Ω -m) and a max apparent resistivity set to 100,000 Ω -m (**Table 2**).

Table 2: Software Information and Settings

Software Name:	EarthImager™ 2D/ EarthImager™ 3D
Version:	2.4.4.649/ 1.5.5.377
Starting Model:	Average Apparent Resistivity
Default Inversion Settings:	Surface
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100 k Ω -m Min Apparent Resistivity = 0.1 Ω -m

Note: Raw data files (.stg files) and processed data (.trn files, terrain files for surface correction in EarthImager™ 2D and EarthImager™ 3D; and .out files, the processed .stg files) are available upon request.

All field work, including setup, survey, stow, and travel, was completed by Garrett Jorgensen Olague, Britt Bommer, and Steven Kesler on April 30, 2025.

3.0 RESULTS

3.1 Surface Karst Survey

The desk study and surface karst survey located two recognized surface karst features within the 200-foot (61-meter)^[1] survey boundary. Recognized surface karst features are features that are positively identified in either satellite or aerial imagery as karst features and the features have been visited by a qualified karst professional in the field and fully identified. Images for the features are available on request.

One additional recognized surface karst feature was located within the spill delineation boundary during the geophysical survey. This feature was not visible in the aerial imagery and thus must have breached the surface after the date of imagery collection on March 14, 2025. This indicates that active karst development is occurring in the subsurface at this site and that the ground is highly unstable and subject to collapse.

Five recognized surface karst feature are located within the 305-meter survey boundary, with four of these being within the 200-meter survey boundary but outside of the 200-foot (61-meter) survey boundary (Figure 6, Table 3).

No springs exist within the 1,000-foot (305-meter)^[1] survey boundary (Figure 6).

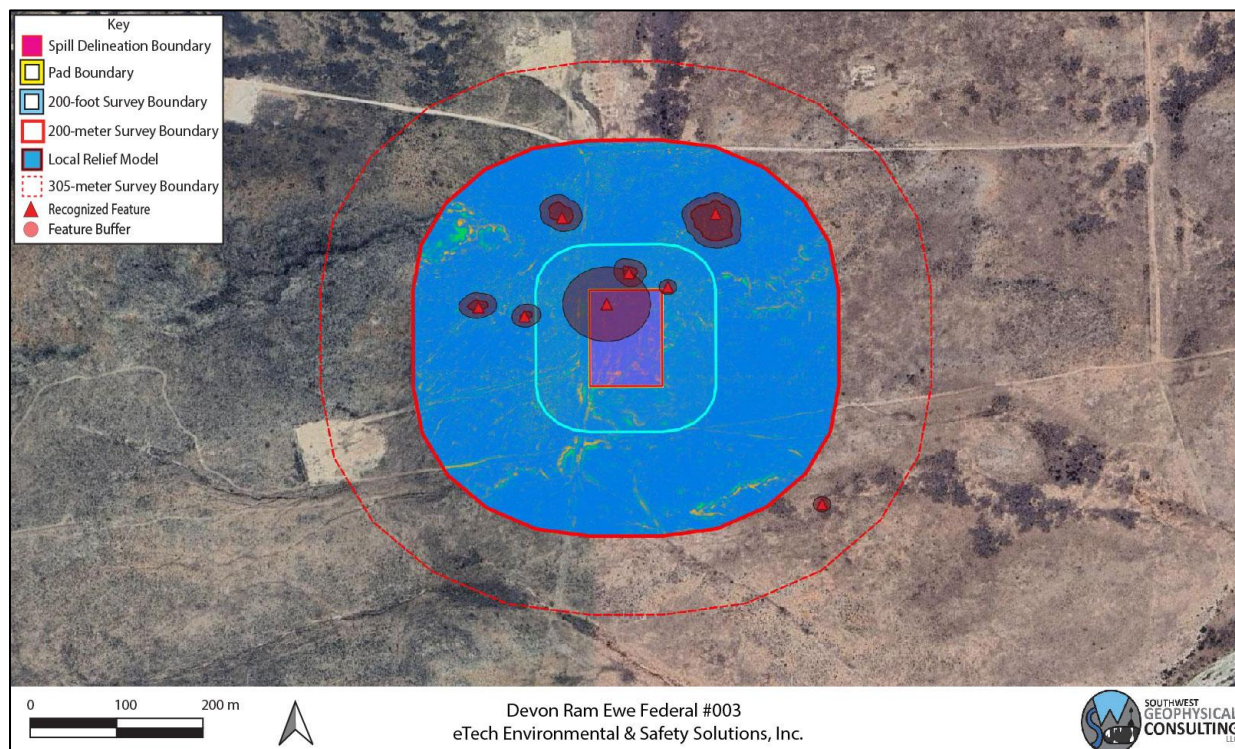


Figure 6: Surface karst survey results. Background image credit: Google Earth. Image date: April 15, 2023. Image datum: WGS-84.

Extreme caution should be exercised while operating in or around all karst-related features due to the possibility of near-surface voids. Employing a BLM-CFO approved karst monitor on site during these activities is strongly recommended.

Table 3 contains a list of features identified during the surface karst survey and subsequent imagery analysis. Each feature is identified with a feature identification number (Feature ID), the type of feature, estimated size (in meters), recommended buffer (in meters), the likelihood of this feature being a surface karst feature (modifiers H/M for high or medium likelihood, V for field verified), and its location in WGS-84/UTM-13 (EPSG: 32613).

Table 3: Surface Karst Feature Data Table

KF Status	Feature ID	Type	Size (m)	Buffer (m)	Mod	Easting	Northing
RKF	240715-D07	Suffosion sinkhole cluster	13	10	V	566504.7570	3578553.848
RKF	240715-D10	Collapse feature zone	47	10	V	566381.7740	3578940.397
RKF	250430-G01	Cover-collapse sinkhole	2	50	V	566259.1563	3578819.229
RKF	250502-G01	Collapse feature	0.3	10	V	566328.1980	3578842.439
RKF	250502-G02	Collapse feature zone	15	10	V	566284.0291	3578860.567
RKF	250502-G03	Collapse feature zone	20	20	V	566207.6506	3578934.148
RKF	250502-G04	Collapse feature zone	30	25	V	566113.9787	3578814.073
RKF	250502-G05	Collapse feature zone	20	20	V	566166.1392	3578802.348

NOTE: Location data provided in WGS-84/UTM 13N. RKF – recognized karst feature. Bolded row highlights the feature discovered within the spill delineation boundary during the geophysical survey.

3.2 Geophysical Survey

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (**Figure 7** and **Figure 8**). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

The results of this study indicate a moderately chaotic geologic system with resistivities between 1.3 and 1,222 Ohm-m (**Figure 7** and **Figure 8**). Line REF306 contains one anomaly (A1) near the surface in the middle of the array (**Figure 7**, **Figure 8**, and **Table 4**). Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

Table 4 contains a list of subsurface anomalies identified during the geophysical survey and subsequent data analysis. Each anomaly is identified with an identification number (Feature ID), the type of feature, estimated size (in meters), estimated depth (in meters), recommended buffer (in meters), a category modifier for our database (R for resistivity anomaly, V for field verified), and the best location to drill for geotechnical verification in WGS-84/UTM-13 (EPSG: 32613).

Table 4: High-Resistivity Anomaly Data Table

KF Status	Feature ID	Type	Size (m)	Depth (m)	Buffer (m)	Mod	Easting	Northing
PKF	250430-KA1	Void	<2	7	10	R	566269.083	3578781.938

NOTE: Location data provided in WGS-84/UTM 13N.

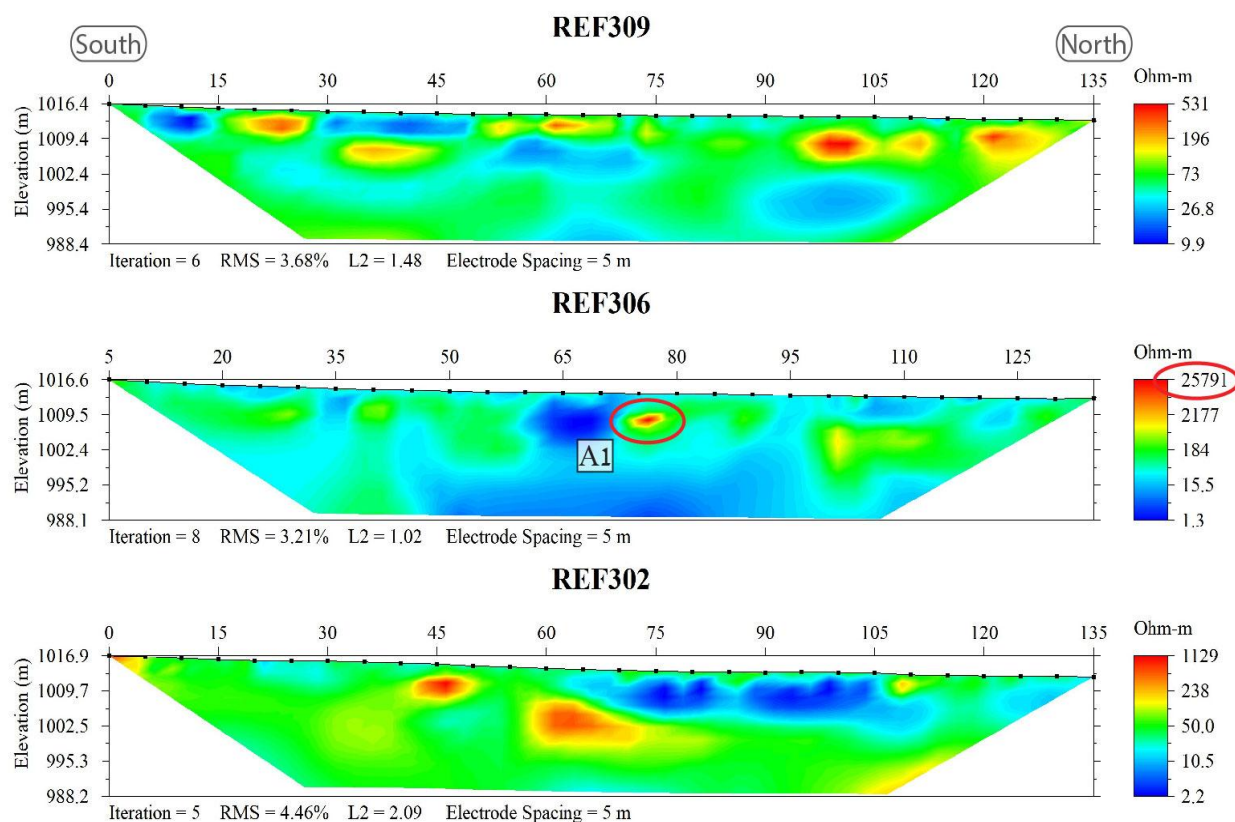


Figure 7: Representative 2D inverted resistivity sections REF302, REF306, and REF309. Red ellipse highlights high-resistivity anomaly. Reds and oranges indicate higher resistivity values. Yellows and greens are medium-resistivity values. Blues are low-resistivity values. Please note that the color scale is relative.

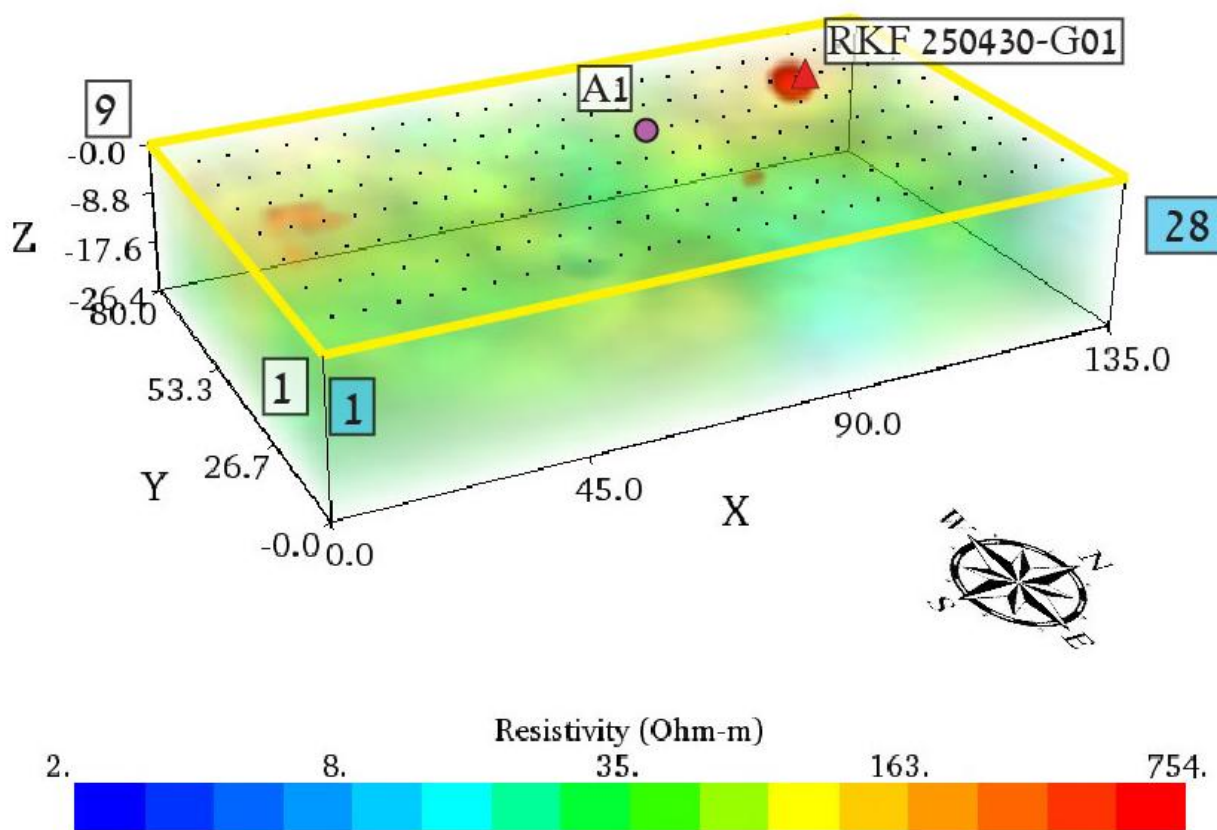


Figure 8: REF3 lines 1 through 9 electrical resistivity oblique 3D volume view showing highest and lowest resistivities. Purple dot is the high-resistivity anomaly. Red triangle is the surface karst feature within the spill delineation boundary. Yellow polygon highlights the pad boundary, which is the same as the spill delineation boundary for this survey. Reds and oranges: higher resistivity. Blues: lower resistivity. Black dots are electrode locations. Yellow polygon is the existing pad boundary. Please see APPENDIX 10.1 for more details.

4.0 DISCUSSION

This location is within a critical karst occurrence zone. Eight surface karst features are located within the REF3 survey area. Seven of these are considered by the author to be recharge areas. One feature (250430-G01) is a collapse that was located on the pad on April 30, but is not seen in the aerial imagery collected on March 14, indicating the collapse occurred between those two dates.

In the resistivity data, one anomaly (A1) consistent with an air-filled subsurface void exists within the geophysical survey area. This anomaly could also represent a sand, limestone, or dolomite lens; however, given that there are several recognized *surface* karst features located within 200-meter survey boundary, including one within the spill delineation boundary itself, the anomaly is more likely to be a void. The anomaly may represent a small (less than 5-meter diameter) to medium (less than 10-meter) isolated air-filled void or near-surface solution-enlarged fracture within gypsite or an evaporite layer in the Rustler Formation. Such a feature could be associated with groundwater recharge and may also represent a collapse hazard.

No other anomalies interpreted as large near-surface voids are located within the study area. Higher-than-average resistivity areas located less than 10 meters beneath the surface are interpreted as dry caliche or gypsite soils; due to their low resistivity values when compared with significant subsurface voids, these features should not be a concern for remediation activities. Areas of moderate resistivity (yellows and greens) near the surface are interpreted as dry caliche soils and gypsum or dolomite bedrock of the Rustler Formation (**Figure 7, Figure 8, and Figure 9**).

Low-resistivity areas between 1.3 – 15 Ohm-m may either represent fluid from the release, surface-to-subsurface hydrologic pathways, or a layer of either clays and halite lenses or moist or saturated layers within the Rustler Formation.

Please remember that these are interpretations made from knowledge of the local subsurface materials and experience. **They remain interpretations until verified by geotechnical methods. We recommend drilling the anomaly to verify our interpretation before using this information for remediation planning purposes.**

Within karst terrains like the project site, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey may exist; these may be encountered during excavation and if so, should be evaluated by a karst specialist prior to continuation of the excavation. **Employing a BLM-CFO approved karst monitor on site during excavation in this area is strongly recommended (Figure 7, Figure 8, and Figure 9).**

Fracture sets within the subsurface can act as hydrologic pathways to the water table. Rapid dissolution of gypsum can occur along these pathways creating solution-enlarged fractures, and in

some cases, voids within months to years. For this reason, this survey is valid only for this remediation event.

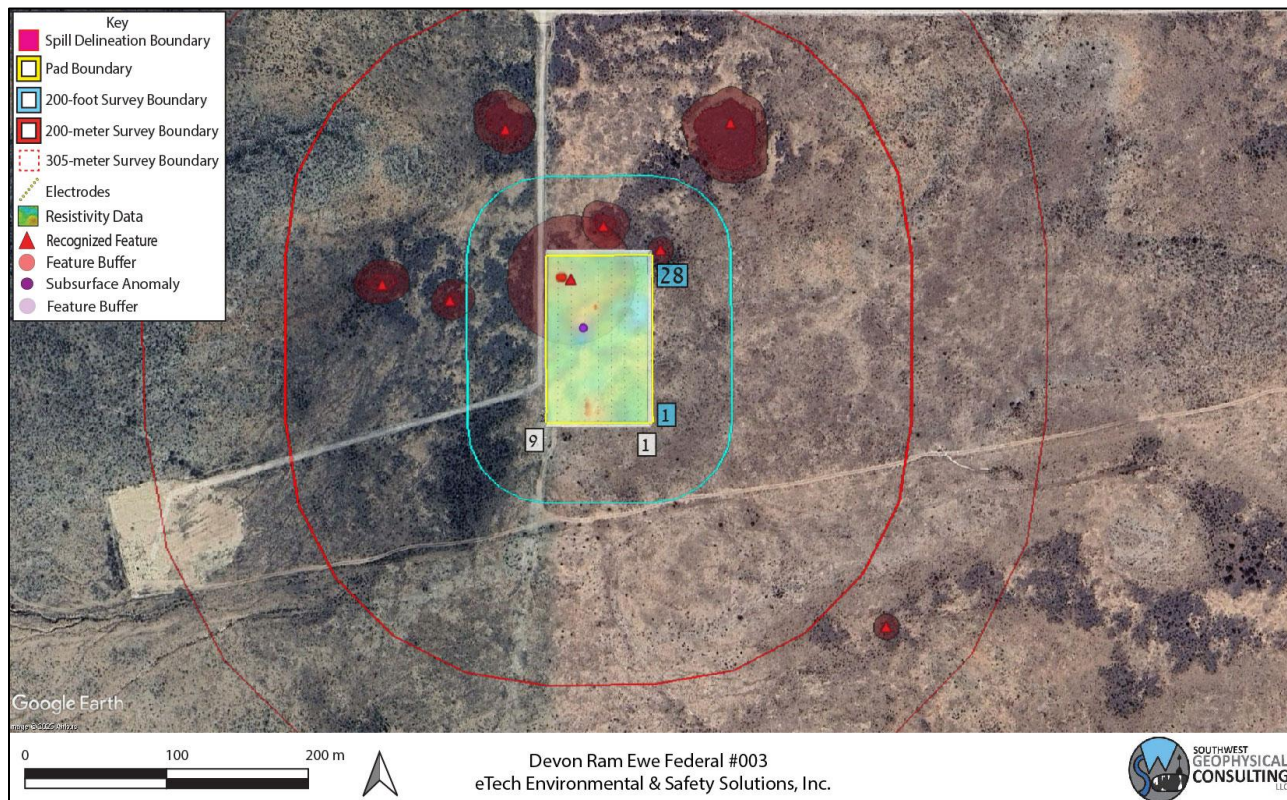


Figure 9: Data overlay. Colored polygon is the pseudo-3D resistivity volume image. Background image credit: Google Earth. Image date: April 15, 2023.

5.0 SUMMARY

- The REF3 survey contains one surface karst feature within the spill delineation boundary. This feature breached the surface between the date of aerial imagery collection (March 14, 2025) and the geophysical survey (April 30, 2025) and indicates the ground is highly unstable and prone to collapse.
- Two additional surface karst features are located within 200 feet (61 meters) of the spill delineation boundary.
- Five additional recognized surface karst features (for a total of eight) exist within the 305-meter survey boundary, with four of these being within the 200-meter survey boundary, further indicating that the area is highly karstified.
- The REF3 survey contains one high-resistivity anomaly which may be interpreted as a karst-related feature within spill delineation boundary. This feature may represent a collapse risk and present a danger to equipment operators.
- A moderately chaotically-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, further indicating unstable ground.
- Geophysical interpretations should be field verified by geotechnical methods prior to using this information for remediation planning.
- Employing a BLM-CFO approved karst monitor during excavation at this site is strongly recommended.

6.0 DISCLOSURE STATEMENT

Karst occurrence zones are prone to rapid karst formation and warrant careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed. Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Submit cave and karst resource inventory reports, karst feature investigations, and geophysical reports (along with the associated data files) commissioned at the request of the land manager to BLM-CFO: blm_nm_karst@blm.gov

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

Environmental karst reports should be submitted to the appropriate project manager at the New Mexico Oil Conservation Division.

7.0 REFERENCES

- 1 Division, O. C. *Title 19, Chapter 15, Part 29* (Oil Conservation Division, 2018).
- 2 NMSLO. (ed Oil Conservation Division) (New Mexico State Land Office, Santa Fe, NM, 2018).
- 3 Decker, D. & Jorgensen, G. L. *Environmental Karst Surveys White Paper* (Southwest Geophysical Consulting, LLC, 2024).
- 4 Goodbar, J. R. Vol. BLM Management Handbook H-8380-1 (ed Carlsbad Field Office) 59 (Bureau of Land Management, Denver, CO, 2015).
- 5 Decker, D., Trautner, E. & Palmer, R. (Bureau of Land Management - Carlsbad Field Office, 2025).
- 6 Earthpoint. *Earthpoint Tools for Google Earth*, <<https://www.earthpoint.us/Townships.aspx>> (2022).
- 7 Decker, D. D., Land, L. & Luke, B. Characterization of Playa Lakes in the Gypsum Karst of Southeastern New Mexico and West Texas, USA. *Oklahoma Geological Survey Circular 113* **113** (2021).
- 8 W.R.C.C. *National Climate Data Center 1981-2010 Normal Climate Summary for Carlsbad, New Mexico (291469)*, (2010).
- 9 Whitehead, W. & Flynn, C. *Plant Utilization in Southeastern New Mexico: Botany, Ethnobotany, and Archaeology*. (Bureau of Land Management, Carlsbad Field Office, 2017).
- 10 NMSLO. Digital overlay (KML) of the surface land ownership in New Mexico (New Mexico State Land Office, Santa Fe, NM, 2024).
- 11 Green, G. N. & Jones, G. E. *The Digital Geologic Map of New Mexico in ARC/INFO Format*, <<https://mrdata.usgs.gov/geology/state/state.php?state=NM>> (1997).
- 12 Austin, G. S. *Geology and mineral deposits of Ochoan rocks in Delaware Basin and adjacent areas*. Vol. Circular 159 (New Mexico Bureau of Mines and Mineral Resources, 1978).
- 13 Johnson, K. S. Evaporite Karst in the United States. *Carbonates and Evaporites* **12**, 2-14 (1997).
- 14 Scholle, P. A. *Geologic Map of New Mexico*. (2003).
- 15 Decker, D. D., Jorgensen, G. L. & Palmer, R. in *Southwest Geophysical Cave and Karst Database* (ed LLC Southwest Geophysical Consulting) (Albuquerque, NM, 2025).
- 16 Whitehead, W., Bandy, M. & Decker, D. Protocol for Using UAV Photography for Rapid Assessment of Karst Features in Southeast New Mexico. *Proceedings of the 2022 Cave and Karst Management Symposium* (2022).

8.0 GLOSSARY OF TERMS

AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
ERI	Electrical Resistivity Imaging
GPS	Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
(H)	High confidence modifier for a PKF. This is typically reserved for a feature that is definitely karst but has not been confirmed in the field.
HKOZ	High Karst Occurrence Zone
karst	A landscape containing solutional features such as caves, sinkholes, swallets, and springs.
(L)	Low confidence modifier for a PKF. This is typically a feature that cannot be ruled out as karst but is most likely NOT karst related. This modifier may also be used for pseudokarst features.
(M)	Medium confidence modifier for PKF. This is an ambiguous feature that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).
MKOZ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office
Ohm-m	Ohm-meter, a unit of measurement for resistivity. Sometimes abbreviated Ω -m.
paleokarst	Previously formed karst features that have been filled in by erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Pc	Permian Capitan Formation
Pcs	Permian Castile Formation

PdI	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Py	Permian Yates Formation
Qal	Quaternary alluvium
Qe	Quaternary eolian deposits
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features that have been physically verified in the field.
SPAR	Small Party Assisted Rescue
sUAS	Small, uncrewed aerial system
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed," meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
UTM	Universal Transverse Mercator (projected coordinates)
(V)	Field verified modifier for a RKF. This indicates that the feature has been visited by a qualified karst professional in the field and fully identified
WGS	World Geodetic System (geographic coordinates)

9.0 ATTESTATION

David D. Decker, PhD, PG, CPG

Chief Executive Officer, Principal Geologist

Southwest Geophysical Consulting, LLC

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Albuquerque, NM 87114

dave@swgeophys.com

(505) 585-2550

CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of “qualified karst professional” set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of “qualified professional” for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number ETEC-013-20250312 entitled, “Environmental Karst Study Report, Devon Ram Ewe Federal No. 003, Eddy County, New Mexico.” I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section **2.3 Description of Survey**.

- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, May 22, 2025.



David D. Decker
PhD, CPG-12123



10.0 APPENDICES

10.1 Pseudo-3D Volume Images

These pseudo-3D volume images (also known as 2.5D since they are collected as single 2D lines and then combined into a 3D file) differ from the 2D inverted resistivity section images in that the apparent resistivity is averaged over larger areas and each line “volume” has had the color map baselined. Areas between lines are interpolated by the program. Together these processing applications smooth out the sharp contrasts between pseudo-sections (different high and low resistivities mapped to the same colors, which can be confusing) but tend to smear out the detail. For this reason, both the 3D volume (**Figure 10**), which gives an overall picture of the area, and the 2D inverted resistivity sections (**Appendix 10.2 2D Inverted Resistivity Section Images**), which give higher resolution, are presented. Please keep in mind when viewing both the 3D and 2D images that the 3D color maps are more closely aligned with each other than the 2D color maps. Always check the color map when viewing the 2D images to ensure you understand the range of resistivities presented.

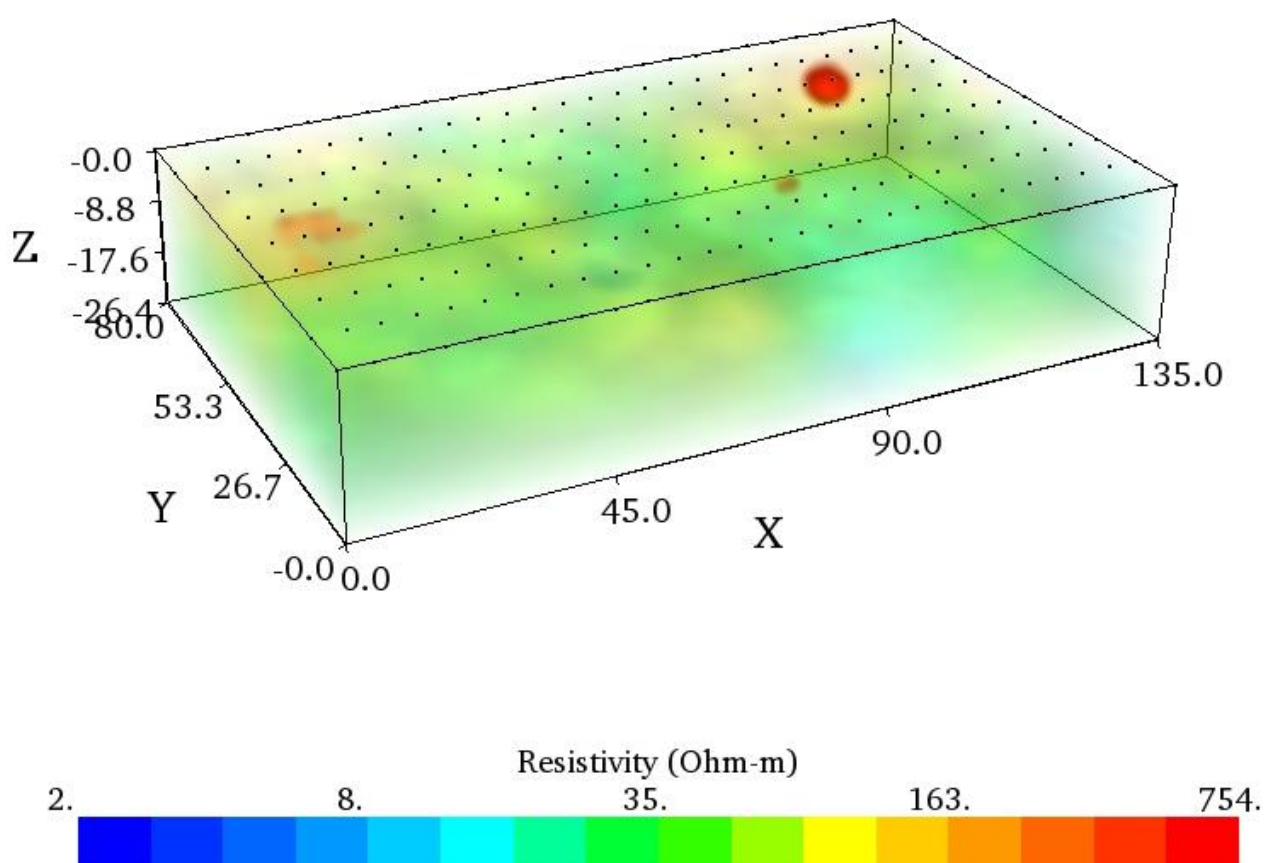


Figure 10: 3D inverted resistivity volume of lines REF301 to REF309. Small black dots on surface are electrode locations. All axes are labeled in meters.

10.2 2D Inverted Resistivity Section Images

Please keep in mind when viewing both the 3D and 2D images that the 3D color maps are more closely aligned with each other than the 2D color maps. Always check the color map when viewing the 2D images to ensure you understand the range of resistivities presented. For example, the image for REF306 (**Figure 16**) appears subdued compared to REF307 (**Figure 17**) because there is one point with higher-than-average resistivity values. All images are presented with north to the right, looking toward the west. REF301 is the farthest to the east and each image/line gets progressively further west. Distances along the top (X-axis) and depths along the left (Z-axis) are in meters. Each image is approximately 135 meters (443 feet) long across the top and 27 meters (89 feet) deep. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than do deeper zones. All images are also available in higher resolution in the accompanying data file **REF3_2D_IRS_images.zip**.

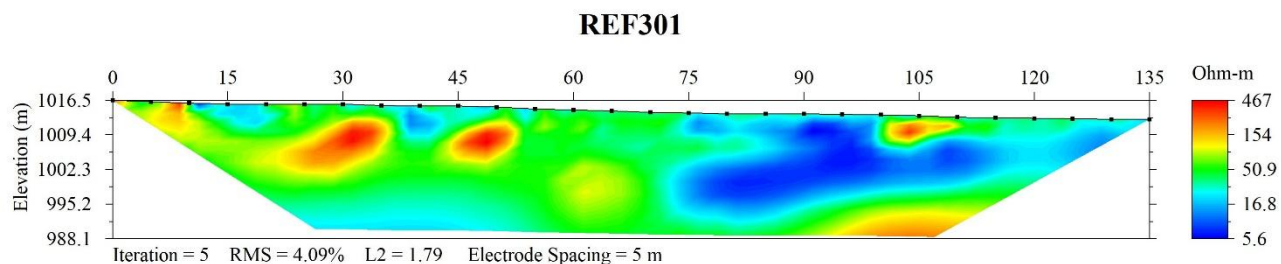


Figure 11: REF301

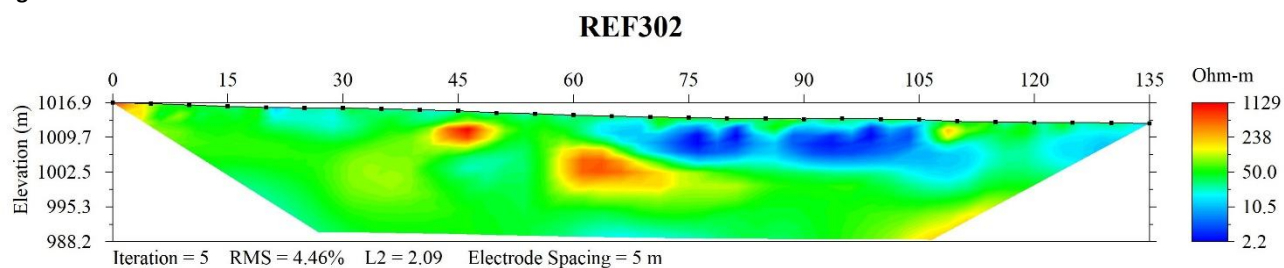


Figure 12: REF302

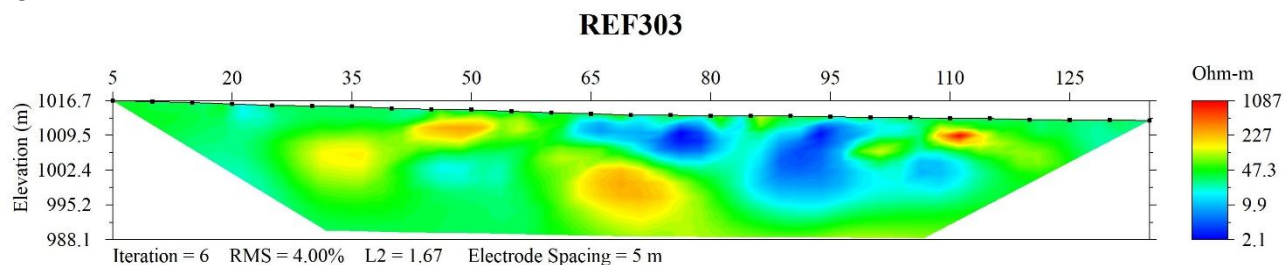


Figure 13: REF303

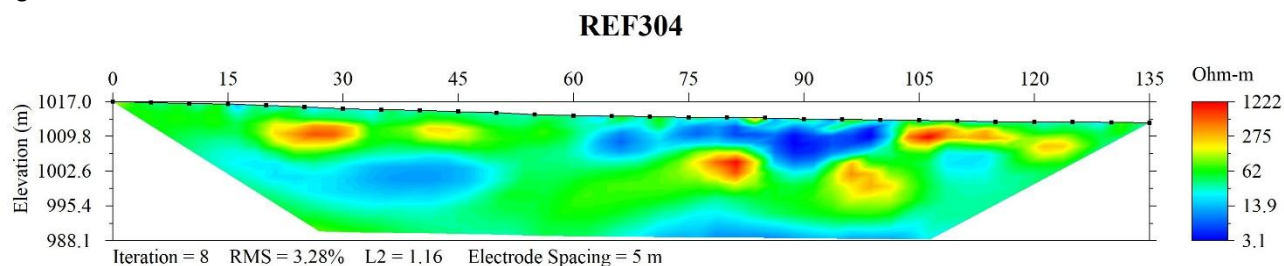


Figure 14: REF304

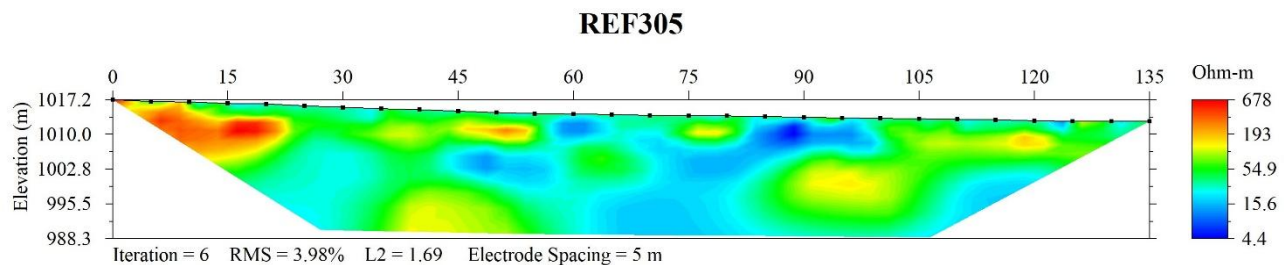


Figure 15: REF305

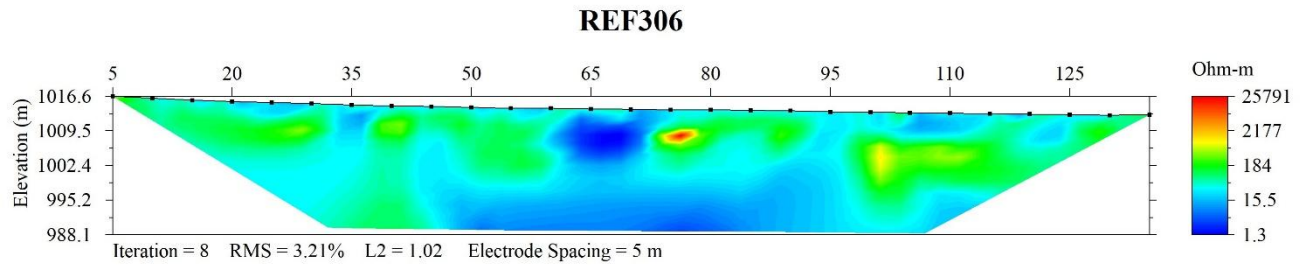


Figure 16: REF306

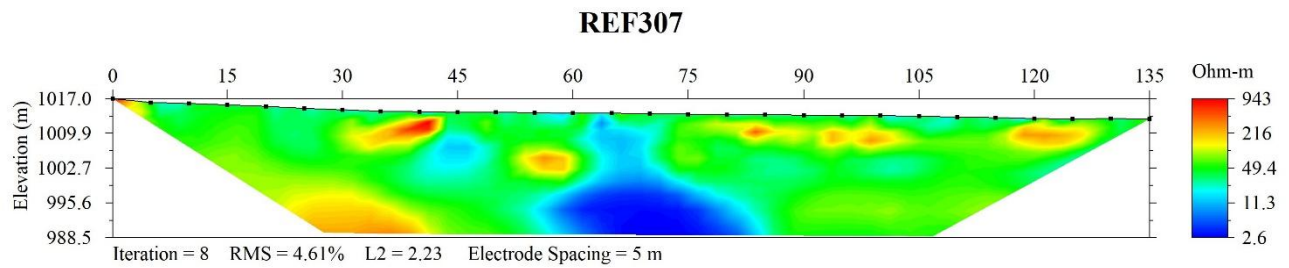


Figure 17: REF307

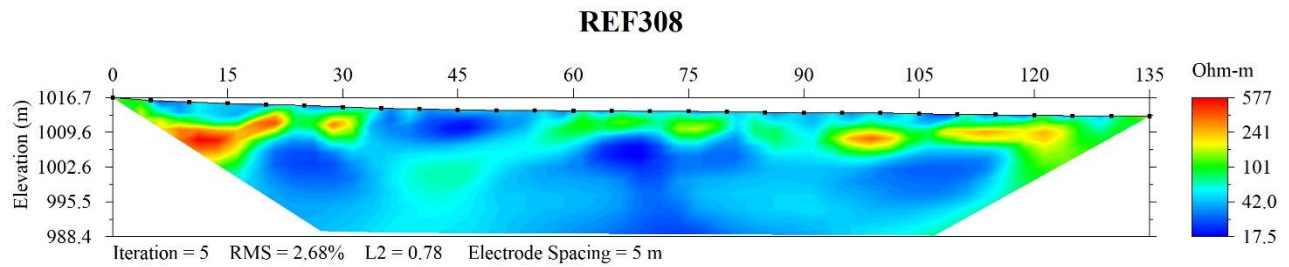


Figure 18: REF308

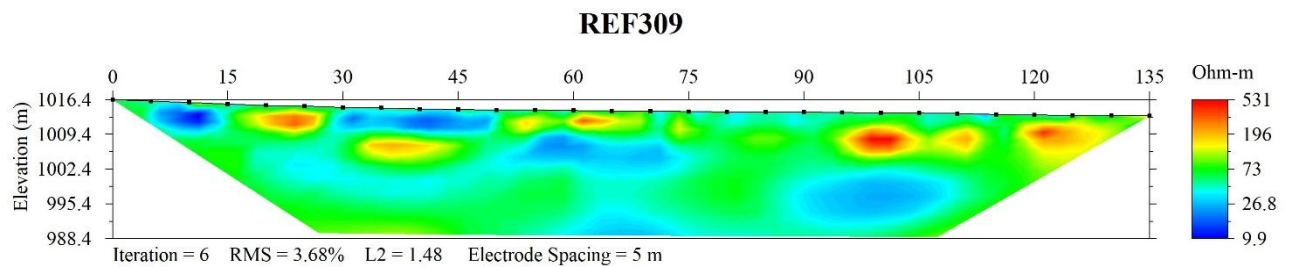


Figure 19: REF309

| Appendix D

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213



Sample Name: BH01 Date: 07/01/2025
 Site Name: Ram Ewe Federal #003
 Incident Number: nMLB0704337034
 Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB Method: Hand Auger

Site Coordinates: 32.344209, -104.295803

Hole Diameter: N/A

Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	14.1	No	BH01	0.5	0	SP-SM	(0-4') SAND, dry, brown, very fine to fine grain, poorly graded with silt and gravel, trace subangular to subrounded gravel (2-5"), no staining or odor. @ 1' No gravel was observed.
Dry	<116	112.4	No	BH01	1	1		
Dry	<116	72.0	No	BH01	2	2		
Dry	<116	85.9	No	BH01	3	3		
Dry	<116	144.8	No	BH01	4	4		

@ 4' Color change to tan, refusal with hand auger.

Total Depth



Sample Name: BH02 Date: 07/01/2025
 Site Name: Ram Ewe Federal #003
 Incident Number: nMLB0704337034
 Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB Method: Hand Auger

Site Coordinates: 32.344306, -104.295845

Hole Diameter: N/A

Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	116	0.0	No	BH02	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, very fine to fine grain, poorly graded with silt, trace clay, no staining or odor.
Dry	116	7.5	No	BH02	1	1		@1' No more clay.
Dry	260	53.9	No	BH02	2	2		
Dry	228	3.0	No	BH02	3	3		
Dry	196	20.0	No	BH02	4	4		

Total Depth



Sample Name: BH03

Date: 07/02/2025

Site Name: Ram Ewe Federal #003

Incident Number: nMLB0704337034

Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB

Method: Hand Auger

Site Coordinates: 32.344346, -104.295765

Hole Diameter: 3.75 inches

Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	15.5	No	BH03	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, very fine to fine grain, poorly graded with silt, trace clay, no staining or odor.
Dry	<116	2.9	No	BH03	1	1		@1' No more clay.
Dry	<116	14.2	No	BH03	2	2		
Dry	<116	18.0	No	BH03	3	3		
Dry	<116	6.4	No	BH03	4	4		

Total Depth



Sample Name: BH04

Date: 07/02/2025, 09/17/2025

Site Name: Ram Ewe Federal #003

Incident Number: nMLB0704337034

Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB & CI

Method: Hand Auger, Trackhoe

Site Coordinates: 32.344365, -104.295666

Hole Diameter: 3.75 inches

Total Depth: 5 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	18.4	No	BH04	0.5	0.5	SP-SM	(0-3') SAND, dry, brown, very fine to fine grain, poorly graded with silt, no staining or odor.
Dry	116	1.5	No	BH04	1	1		@ 1' No clay observed
Dry	454	23.2	No	BH04	2	2		@ 2' Refusal with Hand Auger.
Dry	1,152	1.6	No	BH04	3	3	SW-SM	(3-5') SAND, dry, brown, fine to coarse grain, well graded with silt and gravel, no staining or odor.
Dry	460	2.1	No	BH04	4	4		
Dry	<116	1.2	No	BH04	5	5		@5' Some gravel.

Total Depth



Sample Name: BH05

Date: 07/02/2025

Site Name: Ram Ewe Federal #003

Incident Number: nMLB0704337034

Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB

Method: Hand Auger

Site Coordinates: 32.344430, -104.295753

Hole Diameter: 3.75 inches

Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<112	10.4	No	BH05	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, very fine to fine grain, poorly graded with silt, no staining or odor.
Dry	<112	6.6	No	BH05	1	1		
Dry	<112	20.5	No	BH05	2	2		@ 2' No clay observed.
Dry	<112	15.2	No	BH05	3	3		
Dry	<112	4.0	No	BH05	4	4		

Total Depth



Sample Name: BH06

Date: 07/02/2025, 09/17/2025

Site Name: Ram Ewe Federal #003

Incident Number: nMLB0704337034

Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: HB & CI

Method: Hand Auger, Trackhoe

Site Coordinates: 32.344478, -104.295638

Hole Diameter: 3.75 inches

Total Depth: 5 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	112	22.4	No	BH06	0.5	0.5	SP-SM	(0-5') SAND, dry, brown, very fine to fine grain, poorly graded with silt, no staining or odor.
Dry	460	29.4	No	BH06	1	1		@ 1' Change in clay from trace to none.
Dry	792	4.9	No	BH06	2	2		@ 2' Refusal with Hand Auger.
Dry	1,072	1.3	No	BH06	3	3		@3-5' Delineation conducted via trackhoe
Dry	668	0.7	No	BH06	4	4		(3-5')SAND, dry, brown, fine to coarse grain, well graded with silt, no staining or odor.
Dry	336	1.2	No	BH06	5	5		@ 5' Some clay.

Total Depth



Sample Name: BH07

Date: 09/17/2025

Site Name: Ram Ewe Federal #003

Incident Number: nMLB0704337034

Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI

Method: Trackhoe

Site Coordinates: 32.344453, -104.295631

Hole Diameter: N/A

Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH07	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor.
Dry	<116	0.3	No	BH07	1	1		
Dry	<116	0.2	No	BH07	2	2		@ 2' No organic content was observed.
Dry	<116	0.2	No	BH07	3	3		
Dry	<116	0.9	No	BH07	4	4		@ 4' Some gravel.

Total Depth



Sample Name: BH08 Date: 09/17/2025
 Site Name: Ram Ewe Federal #003
 Incident Number: nMLB0704337034
 Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI Method: Trackhoe
 Hole Diameter: N/A Total Depth: 4 feet

Site Coordinates: 32.344537, -104.295525

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH08	0.5	0.5	SP-SM	(0-4') SAND, dry, light brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor.
Dry	<116	0.8	No	BH08	1	1		
Dry	<116	0.5	No	BH08	2	2		'@ 2' No organic content was observed.
Dry	<116	0.7	No	BH08	3	3		
Dry	<116	1.5	No	BH08	4	4		@ 4' some gravel

Total Depth



Sample Name: BH09

Date: 09/17/2025

Site Name: Ram Ewe Federal #003

Incident Number: nMLB0704337034

Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI

Method: Trackhoe

Site Coordinates: 32.344581, -104.295610

Hole Diameter: N/A

Total Depth: 5 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH09	0.5	0.5	SP-SM	(0-5') SAND, dry, brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor.
Dry	<116	0.7	No	BH09	1	1		
Dry	<116	1.2	No	BH09	2	2		'@ 2' No organic content was observed.
Dry	<116	1.1	No	BH09	3	3		
Dry	612	1.9	No	BH09	4	4		@ 4' some gravel
Dry	<116	0.9	No	BH09	5	5		

Total Depth



Sample Name: BH10

Date: 09/17/2025

Site Name: Ram Ewe Federal #003

Incident Number: nMLB0704337034

Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI

Method: Trackhoe

Site Coordinates: 32.344319, -104.295606

Hole Diameter: N/A

Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH10	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor.
Dry	<116	0.9	No	BH10	1	1		
Dry	300	1.1	No	BH10	2	2		'@ 2' No organic content was observed.
Dry	184	0.9	No	BH10	3	3		
Dry	156	0.9	No	BH10	4	4		@ 4' some gravel

Total Depth



Sample Name: BH11 Date: 09/17/2025
 Site Name: Ram Ewe Federal #003
 Incident Number: nMLB0704337034
 Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI Method: Trackhoe
 Hole Diameter: N/A Total Depth: 4 feet

Site Coordinates: 32.344629, -104.295683

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH11	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor.
Dry	<116	2.3	No	BH11	1	1		
Dry	<116	1.9	No	BH11	2	2		'@ 2' No organic content was observed.
Dry	<116	3.0	No	BH11	3	3		
Dry	<116	1.8	No	BH11	4	4		@ 4' some gravel.

Total Depth



Sample Name: BH12

Date: 09/17/2025

Site Name: Ram Ewe Federal #003

Incident Number: nMLB0704337034

Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI

Method: Trackhoe

Site Coordinates: 32.344643, -104.295491

Hole Diameter: N/A

Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH12	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, fine to coarse grain, poorly graded with silt, some organic, no staining or odor.
Dry	<116	1.0	No	BH12	1	1		
Dry	<116	1.7	No	BH12	2	2		'@ 2' No organic content was observed.
Dry	<116	1.6	No	BH12	3	3		
Dry	<116	2.1	No	BH12	4	4		@ 4' some gravel.

Total Depth



Sample Name: BH13

Date: 09/17/2025

Site Name: Ram Ewe Federal #003

Incident Number: nMLB0704337034

Job Number: 21975

LITHOLOGIC / SOIL SAMPLING LOG

Logged By: CI

Method: Trackhoe

Site Coordinates: 32.344488, -104.295444

Hole Diameter: N/A

Total Depth: 4 feet

Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water.

Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (feet bgs)	Depth (feet bgs)	USCS/Rock Symbol	Lithologic Descriptions/Notes
Dry	<116	0.0	No	BH13	0.5	0.5	SP-SM	(0-4') SAND, dry, brown, very fine to fine grain, poorly graded with silt, some organic, no staining or odor.
Dry	<116	0.9	No	BH13	1	1		
Dry	<116	1.9	No	BH13	2	2		'@ 2' No organic content was observed.
Dry	156	1.0	No	BH13	3	3		
Dry	<116	1.3	No	BH13	4	4		@ 4' some gravel.

Total Depth

| Appendix E

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

**PHOTOGRAPHIC LOG**

WPX Energy Permian, LLC

Ram Ewe Federal #003

Incident Number nMLB0704337034

Position: +032.343593° / -104.295860° (±45.9ft)
 Altitude: 3370ft (±26.2ft)
 Datum: WGS-84
 Azimuth/Bearing: 344° N16W 6116mils True (±11°)
 Elevation Angle: -05.9°
 Horizon Angle: +00.2°
 Zoom: 0.5X
 Ram Ewe

**Photograph 1****Date: 03/25/2025**

Description: Northwestern view during site assessment.

Position: +032.344199° / -104.295405° (±12.4ft)
 Altitude: 3304ft (±19.7ft)
 Datum: WGS-84
 Azimuth/Bearing: 095° S85E 1689mils True (±11°)
 Elevation Angle: -11.6°
 Horizon Angle: -00.5°
 Zoom: 1.0X
 Ram Ewe

**Photograph 2****Date: 03/25/2025**

Description: Southeastern view during site assessment.

Position: +032.344150° / -104.295810° (±45.9ft)
 Altitude: 3365ft (±26.2ft)
 Datum: WGS-84
 Azimuth/Bearing: 267° S87W 4747mils True (±11°)
 Elevation Angle: -56.6°
 Horizon Angle: -05.4°
 Zoom: 0.5X
 Ram Ewe

**Photograph 3****Date: 07/01/2025**

Description: Southwestern view of delineation activities.

Position: +032.344448° / -104.295784° (±45.9ft)
 Altitude: 3328ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 086° N86E 1529mils True (±11°)
 Elevation Angle: -57.0°
 Horizon Angle: +02.4°
 Zoom: 1.0X
 Ram Ewe

**Photograph 4****Date: 07/01/2025**

Description: Northeastern view of delineation activities.

**PHOTOGRAPHIC LOG**

WPX Energy Permian, LLC

Ram Ewe Federal #003

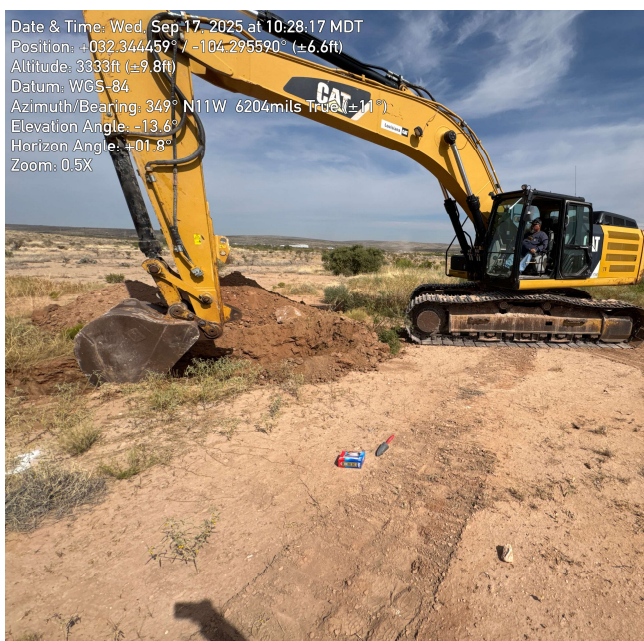
Incident Number nMLB0704337034

Date & Time: Wed, Sep 17, 2025 at 11:53:11 MDT
 Position: +032.344426° / -104.295633° (±7.9ft)
 Altitude: 3334ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 031° N31E 0551mils True (±11°)
 Elevation Angle: -26.1°
 Horizon Angle: -00.4°
 Zoom: 0.5X

**Photograph 5****Date: 09/17/2025**

Description: Northeastern view of delineation activities.

Date & Time: Wed, Sep 17, 2025 at 10:28:17 MDT
 Position: +032.344459° / -104.295590° (±6.6ft)
 Altitude: 3333ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 349° N11W 6204mils True (±11°)
 Elevation Angle: -13.6°
 Horizon Angle: +01.8°
 Zoom: 0.5X

**Photograph 6****Date: 09/17/2025**

Description: Northwestern view of delineation activities.

Date & Time: Wed, Sep 17, 2025 at 11:06:54 MDT
 Position: +032.344776° / -104.295123° (±1321.1ft)
 Altitude: 3334ft (±10.2ft)
 Datum: WGS-84
 Azimuth/Bearing: 349° N11W 6204mils True (±11°)
 Elevation Angle: -45.3°
 Horizon Angle: +23.2°
 Zoom: 0.5X

**Photograph 7****Date: 09/17/2025**

Description: View of delineation activities.

Position: +032.344320° / -104.295689° (±11.6ft)
 Altitude: 3335ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 021° N21E 0373mils True (±11°)
 Elevation Angle: -17.0°
 Horizon Angle: +00.6°
 Zoom: 0.5X

**Photograph 8****Date: 04/23/2026**

Description: Northeastern view of southern excavation activities.

**PHOTOGRAPHIC LOG**

WPX Energy Permian, LLC

Ram Ewe Federal #003

Incident Number nMLB0704337034

Position: +032.344440° / -104.295609° (±17.6ft)
 Altitude: 3333ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 352° N08W 6258mils True (±10°)
 Elevation Angle: -23.9°
 Horizon Angle: +01.1°
 Zoom: 0.5X

**Photograph 9****Date: 04/23/2026**

Description: Northwestern view of northern excavation activities.

Position: +032.344440° / -104.295734° (±11.8ft)
 Altitude: 3331ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 123° S57E 2187mils True (±10°)
 Elevation Angle: -25.8°
 Horizon Angle: +00.4°
 Zoom: 0.5X

**Photograph 10****Date: 04/24/2026**

Description: Southeastern view of continued excavation activities.

Position: +032.344339° / -104.295250° (±66.7ft)
 Altitude: 3330ft (±78.7ft)
 Datum: WGS-84
 Azimuth/Bearing: 017° N17E 0302mils True (±14°)
 Elevation Angle: -33.4°
 Horizon Angle: +00.7°
 Zoom: 0.5X

**Photograph 11****Date: 05/13/2026**

Description: Northeastern view of final northern excavation activities.

Position: +032.344416° / -104.295637° (±11.6ft)
 Altitude: 3331ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 189° S09W 3360mils True (±12°)
 Elevation Angle: -30.5°
 Horizon Angle: -00.6°
 Zoom: 0.5X

**Photograph 12****Date: 05/13/2026**

Description: Southwestern view of final southern excavation activities.



PHOTOGRAPHIC LOG

WPX Energy Permian, LLC

Ram Ewe Federal #003

Incident Number nMLB0704337034

Position: +032.344403° / -104.295941° (±17.7ft)
 Altitude: 3336ft (±9.6ft)
 Datum: WGS-84
 Azimuth/Bearing: 142° S38E 2524mils True (±15°)
 Elevation Angle: -03.7°
 Horizon Angle: -00.6°
 Zoom: 0.5X



Photograph 13

Date: 06/11/2026

Description: Southeastern view of the backfilled southern excavation.

Position: +032.344400° / -104.295942° (±17.9ft)
 Altitude: 3336ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 060° N60E 1067mils True (±16°)
 Elevation Angle: -06.6°
 Horizon Angle: +00.2°
 Zoom: 0.5X

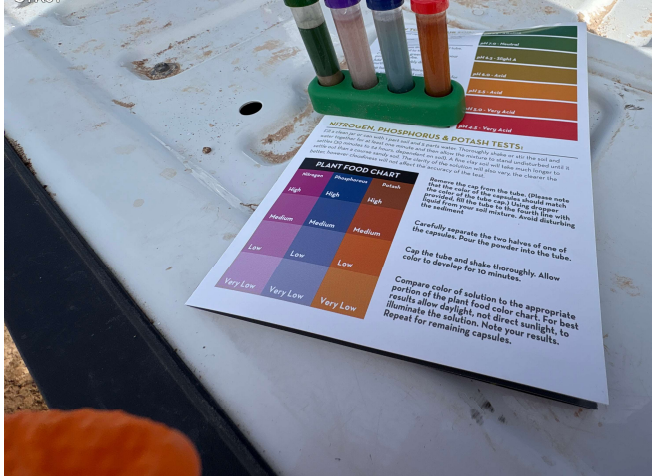


Photograph 14

Date: 06/11/2026

Description: Northeastern view of the backfilled northern excavation.

Position: +032.344406° / -104.295945° (±11.6ft)
 Altitude: 3333ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 298° N72W 5120mils True (±13°)
 Elevation Angle: -50.0°
 Horizon Angle: -03.3°
 Zoom: 0.5X
 STK01



Photograph 15

Date: 06/11/2026

Description: View of nutrient testing activities for soil cover soil sample (SC01).

Position: +032.344406° / -104.295955° (±16.1ft)
 Altitude: 3335ft (±9.8ft)
 Datum: WGS-84
 Azimuth/Bearing: 281° N79W 4996mils True (±11°)
 Elevation Angle: -64.5°
 Horizon Angle: -01.4°
 Zoom: 0.5X
 STK03



Photograph 16

Date: 06/11/2026

Description: View of nutrient testing activities for soil cover soil sample (SC03).

| Appendix F

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
WPX Energy Permian, LLC
Ram Ewe Federal #003
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
Delineation Soil Samples - Incident Number nMLB0704337034									
BH01*	07/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH01*	07/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	98.7
BH01*	07/01/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	96.4
BH01*	07/01/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	62.3
BH01	07/01/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	32.1
BH02*	07/01/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	99.7
BH02*	07/01/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	270
BH02*	07/01/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	449
BH02*	07/01/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	289
BH02	07/01/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	236
BH03*	07/02/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH03*	07/02/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH03*	07/02/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH03*	07/02/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH03	07/02/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH04*	07/02/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH04*	07/02/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	175
BH04*	07/02/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	725
BH04*	09/17/2025	3	<0.0250	<0.0500	<20.0	37.3	58.4	95.7	1,860
BH04	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	406
BH04	09/17/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
BH05*	07/02/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH05*	07/02/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH05*	07/02/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	20.6
BH05*	07/02/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	20.1
BH05	07/02/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	37.5



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
WPX Energy Permian, LLC
Ram Ewe Federal #003
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
BH06*	07/02/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	172
BH06*	07/02/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	734
BH06*	07/02/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	1,850
BH06*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	1,490
BH06	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	870
BH06	09/17/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	329
BH06	09/17/2025	6	<0.0250	<0.0500	<20.0	87.8	<50.0	87.8	419
BH06	09/17/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
BH07*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH07*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH07*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH07*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	24.8
BH07	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	51.9
BH08*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	47.6
BH08*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH08*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH08*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH08	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	95.9
BH09*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH09*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH09*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH09*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH09	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	667
BH09	09/17/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
BH10*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	53.1
BH10*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	132
BH10*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	317
BH10*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	266



Table 1
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WPX Energy Permian, LLC
Ram Ewe Federal #003
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
BH10	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
BH11*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH11*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH11*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH11*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH11	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	22.2
BH12*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH12*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	20.5
BH12*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH12*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
BH12	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	29.8
BH13*	09/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	45.8
BH13*	09/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	53.0
BH13*	09/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	39.5
BH13*	09/17/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	96.4
BH13	09/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
Excavation Soil Samples - nMLB0704337034									
FS01	04/23/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	30.1
FS02	04/23/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	60.9
FS03	04/23/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	510
FS04	04/23/2026	5	<0.0250	<0.0500	<20.0	77.3	70.2	148	543
FS04	05/13/2026	5-6	<0.0250	<0.0500	<20.0	54.6	<50.0	54.6	<100
FS05	05/13/2026	5-6	<0.0250	<0.0500	<20.0	34.4	<50.0	34.4	326
FS06	04/23/2026	5	<0.0250	<0.0500	<20.0	36.1	<50.0	36.1	759
FS06	05/13/2026	6	<0.0250	<0.0500	<20.0	52.4	<50.0	52.4	<100
FS07	04/23/2026	5	<0.0250	<0.0500	<20.0	1,320	642	1,960	270
FS07	05/13/2026	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
FS08	05/13/2026	6	<0.0250	<0.0500	<20.0	32.7	<50.0	32.7	385



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
WPX Energy Permian, LLC
Ram Ewe Federal #003
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCDC Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)			10	50	NE	NE	NE	100	600
FS08	04/23/2026	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	488
FS09	05/13/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
FS10	05/13/2026	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
SW01	04/23/2026	0-5	<0.0250	<0.0500	<20.0	<25.0	61.7	61.7	<20.0
SW02	04/23/2026	0-5	<0.0250	<0.0500	<20.0	706	607	1,310	373
SW02	05/13/2026	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	232
SW03	05/13/2026	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	432
SW04	05/13/2026	0-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	215
SW05	05/13/2026	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<200
SW06	05/13/2026	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	336
SW07	05/13/2026	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	537
Restoration Soil Samples - nMLB0704337034									
SC01	06/11/2026	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	36.6
SC02	06/11/2026	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0
SC03	06/11/2026	0-0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMOCDC: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Text in "grey" represents excavated soil samples

Concentrations in **bold** exceed the NMOCDC Table I Closure Criteria and/or Reclamation Standard* for Soils Impacted by a Release

*The reclamation concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.



Table 2
RESTORATION SOIL SAMPLE FIELD SCREENING RESULTS
WPX Energy Permian, LLC
Ram Ewe Federal #003
Eddy County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Nitrogen	Potash	Phosphorous	PH (ppm)	VOCs (TPH)	Chloride (ppm)
Restoration Soil Samples - nMLB0704337034								
SC01	06/11/2026	0-0.25	Very Low	Low	High	7.5	0.0	<128
SC02	06/11/2026	0-0.25	Very Low	Low	High	7.5	0.0	<128
SC03	06/11/2026	0-0.25	Very Low	Low	High	7.5	0.2	<128

Notes:

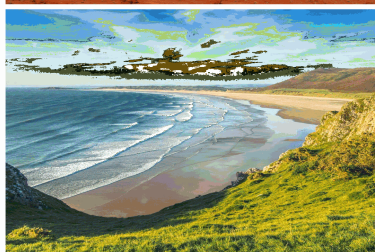
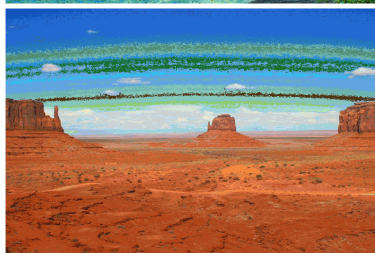
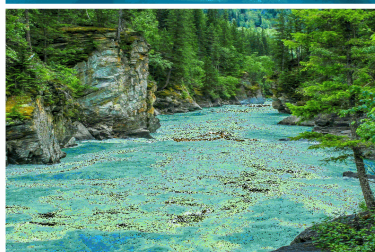
bgs: below ground surface

ppm: parts per million

| Appendix G

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E507046

Job Number: 01058-0007

Received: 7/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/11/25

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/11/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E507046
Date Received: 7/8/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/8/2025 8:00:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
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Sample Summary

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 07/11/25 15:37
--	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01 0.5'	E507046-01A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH01 1'	E507046-02A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH01 2'	E507046-03A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH01 3'	E507046-04A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH01 4'	E507046-05A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH02 0.5'	E507046-06A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH02 1'	E507046-07A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH02 2'	E507046-08A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH02 3'	E507046-09A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
BH02 4'	E507046-10A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/11/2025 3:37:25PM

BH01 0.5'

E507046-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Benzene	ND	0.0250	1	07/08/25	07/10/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/10/25	
Toluene	ND	0.0250	1	07/08/25	07/10/25	
o-Xylene	ND	0.0250	1	07/08/25	07/10/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/10/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.0 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.8 %	70-130		07/08/25	07/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528075	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	122 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528088	
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/11/2025 3:37:25PM

BH01 1'

E507046-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.8 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.3 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528075	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	121 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528088	
Chloride	98.7	20.0	1	07/08/25	07/09/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/11/2025 3:37:25PM

BH01 2'

E507046-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.0 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	123 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	96.4	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/11/2025 3:37:25PM

BH01 3'

E507046-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.7 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	135 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	62.3	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/11/2025 3:37:25PM

BH01 4'

E507046-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.1 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	120 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	32.1	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/11/2025 3:37:25PM

BH02 0.5'

E507046-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.0 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	120 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	99.7	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/11/2025 3:37:25PM

BH02 1'

E507046-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.7 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528075
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	128 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	270	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/11/2025 3:37:25PM

BH02 2'

E507046-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.9 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.4 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528075	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	122 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528088	
Chloride	449	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/11/2025 3:37:25PM

BH02 3'

E507046-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.9 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.0 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528075	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	131 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528088	
Chloride	289	40.0	2	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/11/2025 3:37:25PM

BH02 4'

E507046-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.0 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.8 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528075	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	124 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528088	
Chloride	236	40.0	2	07/08/25	07/10/25	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	7/11/2025 3:37:25PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528050-BLK1)

Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.11		8.00		88.9	70-130			

LCS (2528050-BS1)

Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	5.95	0.0250	5.00		119	70-130			
Ethylbenzene	5.80	0.0250	5.00		116	70-130			
Toluene	5.90	0.0250	5.00		118	70-130			
o-Xylene	5.75	0.0250	5.00		115	70-130			
p,m-Xylene	11.7	0.0500	10.0		117	70-130			
Total Xylenes	17.4	0.0250	15.0		116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.6	70-130			

Matrix Spike (2528050-MS1)

Source: E507046-01

Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	4.94	0.0250	5.00	ND	98.7	70-130			
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	70-130			
Toluene	4.93	0.0250	5.00	ND	98.5	70-130			
o-Xylene	4.86	0.0250	5.00	ND	97.1	70-130			
p,m-Xylene	9.80	0.0500	10.0	ND	98.0	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130			

Matrix Spike Dup (2528050-MSD1)

Source: E507046-01

Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	5.98	0.0250	5.00	ND	120	70-130	19.2	27	
Ethylbenzene	5.83	0.0250	5.00	ND	117	70-130	18.4	26	
Toluene	5.93	0.0250	5.00	ND	119	70-130	18.5	20	
o-Xylene	5.79	0.0250	5.00	ND	116	70-130	17.5	25	
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130	17.9	23	
Total Xylenes	17.5	0.0250	15.0	ND	117	70-130	17.8	26	
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	7/11/2025 3:37:25PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528050-BLK1) Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			

LCS (2528050-BS2) Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

Matrix Spike (2528050-MS2) Source: E507046-01 Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0	ND	89.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			

Matrix Spike Dup (2528050-MSD2) Source: E507046-01 Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.0	70-130	5.43	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	7/11/2025 3:37:25PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528075-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.7		50.0		111	61-141			

LCS (2528075-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	276	25.0	250		110	66-144			
Surrogate: n-Nonane	54.3		50.0		109	61-141			

Matrix Spike (2528075-MS1)					Source: E507075-01		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	398	25.0	250	121	111	56-156			
Surrogate: n-Nonane	55.5		50.0		111	61-141			

Matrix Spike Dup (2528075-MSD1)					Source: E507075-01		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	406	25.0	250	121	114	56-156	1.93	20	
Surrogate: n-Nonane	54.6		50.0		109	61-141			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	7/11/2025 3:37:25PM

Anions by EPA 300.0/9056A

Analyst: AK

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2528088-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	ND	20.0							
LCS (2528088-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2528088-MS1)					Source: E507046-02		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	346	20.0	250	98.7	98.8	80-120			
Matrix Spike Dup (2528088-MSD1)					Source: E507046-02		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	349	20.0	250	98.7	100	80-120	0.813	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	07/11/25 15:37

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.				Lab WO#		Job Number		1D		2D		3D		Std	
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E507046		0108-007								x	
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dv.com															
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED															
Email: NMTXGeoGroup@etechnv.com				LOC ; PN: 21975; IN: nMLB0704337034															

Sample Information						Analysis and Method										EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
9:45	7/1/2025	S	1	BH01	0.5'	1													
9:50	7/1/2025	S	1	BH01	1'	2													
10:10	7/1/2025	S	1	BH01	2'	3													
10:15	7/1/2025	S	1	BH01	3'	4													
10:25	7/1/2025	S	1	BH01	4'	5													
12:30	7/1/2025	S	1	BH02	0.5'	6													
12:35	7/1/2025	S	1	BH02	1'	7													
12:40	7/1/2025	S	1	BH02	2'	8													
12:45	7/1/2025	S	1	BH02	3'	9													
12:50	7/1/2025	S	1	BH02	4'	10													

Additional Instructions:									
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.									
Sampled by: Haleigh Blume									
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: O/N			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time				
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time				

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 7/8/2025 11:17:09AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	07/08/25 08:00	Work Order ID:	E507046
Phone:	(575) 200-6754	Date Logged In:	07/07/25 11:18	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	07/11/25 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

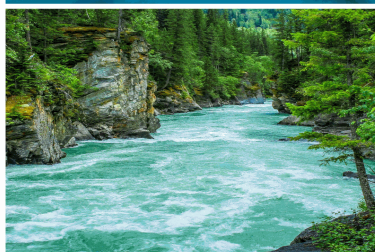
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E507047

Job Number: 01058-0007

Received: 7/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/14/25

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/14/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E507047
Date Received: 7/8/2025 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/8/2025 8:00:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 07/14/25 13:26
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH03 0.5'	E507047-01A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH03 1'	E507047-02A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH03 2'	E507047-03A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH03 3'	E507047-04A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH03 4'	E507047-05A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH04 0.5'	E507047-06A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH04 1'	E507047-07A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH04 2'	E507047-08A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH05 0.5'	E507047-09A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH05 1'	E507047-10A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH05 2'	E507047-11A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH05 3'	E507047-12A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH05 4'	E507047-13A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH06 0.5'	E507047-14A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH06 1'	E507047-15A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.
BH06 2'	E507047-16A	Soil	07/02/25	07/08/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH03 0.5'

E507047-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.4 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.4 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528073	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	84.2 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528090	
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH03 1'

E507047-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.1 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	81.0 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH03 2'

E507047-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.4 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.1 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528073	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	87.4 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528090	
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH03 3'

E507047-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.4 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.9 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528073	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	88.6 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528090	
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH03 4'

E507047-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.2 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.9 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528073	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	83.7 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528090	
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH04 0.5'

E507047-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.0 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.3 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	84.0 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH04 1'

E507047-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	86.6 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	175	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH04 2'

E507047-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2528073	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	87.8 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2528090	
Chloride	725	40.0	2	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH05 0.5'

E507047-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.2 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	82.8 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH05 1'

E507047-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.5 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	82.4 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	ND	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH05 2'

E507047-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.5 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.2 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528073	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>	83.5 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528090	
Chloride	20.6	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH05 3'

E507047-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
	86.8 %	61-141		07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	20.1	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH05 4'

E507047-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.4 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528073	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		81.9 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528090	
Chloride	37.5	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH06 0.5'

E507047-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2528051
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		95.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2528073
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>						
		83.3 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2528090
Chloride	172	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH06 1'

E507047-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528073	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		86.2 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528090	
Chloride	734	20.0	1	07/08/25	07/10/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
7/14/2025 1:26:09PM

BH06 2'

E507047-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2528051	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2528073	
Diesel Range Organics (C10-C28)	45.8	25.0	1	07/08/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/09/25	
<i>Surrogate: n-Nonane</i>		88.5 %	61-141	07/08/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2528090	
Chloride	1850	20.0	1	07/08/25	07/10/25	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	7/14/2025 1:26:09PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528051-BLK1)

Prepared: 07/08/25 Analyzed: 07/11/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			

LCS (2528051-BS1)

Prepared: 07/08/25 Analyzed: 07/11/25

Benzene	5.47	0.0250	5.00		109	70-130			
Ethylbenzene	5.27	0.0250	5.00		105	70-130			
Toluene	5.39	0.0250	5.00		108	70-130			
o-Xylene	5.16	0.0250	5.00		103	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			

Matrix Spike (2528051-MS1)

Source: E507047-07

Prepared: 07/08/25 Analyzed: 07/11/25

Benzene	5.42	0.0250	5.00	ND	108	70-130			
Ethylbenzene	5.22	0.0250	5.00	ND	104	70-130			
Toluene	5.34	0.0250	5.00	ND	107	70-130			
o-Xylene	5.12	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130			
Total Xylenes	15.6	0.0250	15.0	ND	104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130			

Matrix Spike Dup (2528051-MSD1)

Source: E507047-07

Prepared: 07/08/25 Analyzed: 07/11/25

Benzene	5.58	0.0250	5.00	ND	112	70-130	2.88	27	
Ethylbenzene	5.40	0.0250	5.00	ND	108	70-130	3.49	26	
Toluene	5.51	0.0250	5.00	ND	110	70-130	3.07	20	
o-Xylene	5.30	0.0250	5.00	ND	106	70-130	3.49	25	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	3.70	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	3.63	26	
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.8	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	7/14/2025 1:26:09PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528051-BLK1) Prepared: 07/08/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			

LCS (2528051-BS2) Prepared: 07/08/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0		88.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			

Matrix Spike (2528051-MS2) Source: E507047-07 Prepared: 07/08/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	43.4	20.0	50.0	ND	86.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		93.9	70-130			

Matrix Spike Dup (2528051-MSD2) Source: E507047-07 Prepared: 07/08/25 Analyzed: 07/11/25

Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	ND	80.8	70-130	7.15	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	7/14/2025 1:26:09PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528073-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.9		50.0		87.8	61-141			

LCS (2528073-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	227	25.0	250		90.8	66-144			
Surrogate: n-Nonane	39.8		50.0		79.6	61-141			

Matrix Spike (2528073-MS1)					Source: E507047-12		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	230	25.0	250	ND	92.0	56-156			
Surrogate: n-Nonane	36.2		50.0		72.3	61-141			

Matrix Spike Dup (2528073-MSD1)					Source: E507047-12		Prepared: 07/08/25 Analyzed: 07/09/25		
Diesel Range Organics (C10-C28)	231	25.0	250	ND	92.3	56-156	0.348	20	
Surrogate: n-Nonane	37.3		50.0		74.5	61-141			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	7/14/2025 1:26:09PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528090-BLK1)					Prepared: 07/08/25 Analyzed: 07/10/25				
Chloride	ND	20.0							
LCS (2528090-BS1)					Prepared: 07/08/25 Analyzed: 07/10/25				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2528090-MS1)					Source: E507047-05		Prepared: 07/08/25 Analyzed: 07/10/25		
Chloride	267	20.0	250	ND	107	80-120			
Matrix Spike Dup (2528090-MSD1)					Source: E507047-05		Prepared: 07/08/25 Analyzed: 07/10/25		
Chloride	267	20.0	250	ND	107	80-120	0.0879	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	07/14/25 13:26

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Client Information				Invoice Information		Lab Use Only		TAT				State						
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.		Lab WO#		1D 2D 3D Std				NM CO UT TX						
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.		E507047		Job Number				01058-007						
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220														
Address: 13000 W County Rd 100				Phone: 575-885-7502														
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dv.com														
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED														
Email: NMTXGeoGroup@etechenv.com				LOC ; PN: 21975; IN: nMLB0704337034														
Sample Information							Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
10:40	7/2/2025	S	1	BH03	0.5'	1								X				
10:45	7/2/2025	S	1	BH03	1'	2								X				
10:50	7/2/2025	S	1	BH03	2'	3								X				
10:55	7/2/2025	S	1	BH03	3'	4								X				
11:00	7/2/2025	S	1	BH03	4'	5								X				
11:35	7/2/2025	S	1	BH04	0.5'	6								X				
11:40	7/2/2025	S	1	BH04	1'	7								X				
11:45	7/2/2025	S	1	BH04	2'	8								X				
13:00	7/2/2025	S	1	BH05	0.5'	9								X				
13:05	7/2/2025	S	1	BH05	1'	10								X				
Additional Instructions:																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Haleigh Blume																		
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: O/N		
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time				
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time				
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.		Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.		E507047		01058-0007					x	x					
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dv.com															
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED															
Email: NMTXGeoGroup@etechnv.com				LOC; PN: 21975; IN: nMLB0704337034															
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
13:10	7/2/2025	S	1	BH05	2'	11								x					
13:15	7/2/2025	S	1	BH05	3'	12								x					
13:20	7/2/2025	S	1	BH05	4'	13								x					
14:00	7/2/2025	S	1	BH06	0.5'	14								x					
14:05	7/2/2025	S	1	BH06	1'	15								x					
14:10	7/2/2025	S	1	BH06	2'	16								x					
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Haleigh Blume																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y/N							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 7/8/2025 11:05:52AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	07/08/25 08:00	Work Order ID:	E507047
Phone:	(575) 200-6754	Date Logged In:	07/07/25 11:26	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	07/11/25 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

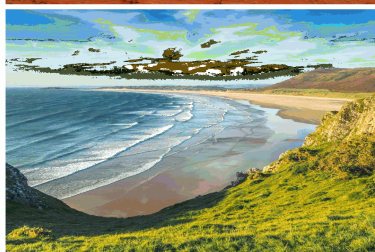
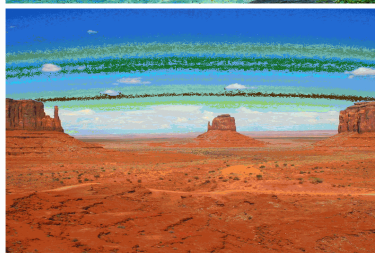
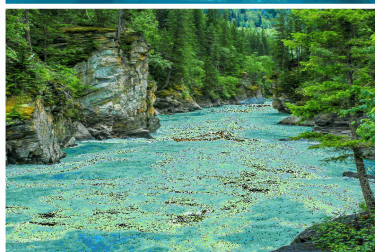
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E509197

Job Number: 01058-0007

Received: 9/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/25/25

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/25/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E509197
Date Received: 9/19/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2025 7:45:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

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Sample Summary

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/25/25 06:28
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH07 0.5'	E509197-01A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH08 0.5'	E509197-02A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 0.5'	E509197-03A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH10 0.5'	E509197-04A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH11 0.5'	E509197-05A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH12 0.5'	E509197-06A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH13 0.5'	E509197-07A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:28:55AM

BH07 0.5'

E509197-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2538112	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2538112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.2 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2539024	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>		96.5 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2538139	
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:28:55AM

BH08 0.5'

E509197-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.5 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		93.9 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	47.6	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:28:55AM

BH09 0.5'

E509197-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.6 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		97.1 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:28:55AM

BH10 0.5'

E509197-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.9 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		96.1 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	53.1	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:28:55AM

BH11 0.5'

E509197-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:28:55AM

BH12 0.5'

E509197-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		97.6 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:28:55AM

BH13 0.5'

E509197-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.3 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2539024
Diesel Range Organics (C10-C28)	ND	25.0	1	09/22/25	09/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/22/25	09/22/25	
<i>Surrogate: n-Nonane</i>						
		98.9 %	61-141	09/22/25	09/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	45.8	20.0	1	09/19/25	09/20/25	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:28:55AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538112-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.18		8.00		115	70-130			

LCS (2538112-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.62	0.0250	5.00		92.4	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.69	0.0250	5.00		93.8	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.1	0.0250	15.0		94.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.96		8.00		112	70-130			

Matrix Spike (2538112-MS1)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	5.08	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.10	0.0250	5.00	ND	102	70-130			
Toluene	5.05	0.0250	5.00	ND	101	70-130			
o-Xylene	5.15	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.83		8.00		110	70-130			

Matrix Spike Dup (2538112-MSD1)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.93	0.0250	5.00	ND	98.7	70-130	2.86	27	
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	70-130	2.42	26	
Toluene	4.92	0.0250	5.00	ND	98.4	70-130	2.63	20	
o-Xylene	5.03	0.0250	5.00	ND	101	70-130	2.33	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	2.43	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	2.40	26	
Surrogate: 4-Bromochlorobenzene-PID	8.82		8.00		110	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:28:55AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538112-BLK1) Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			

LCS (2538112-BS2) Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.7	70-130			

Matrix Spike (2538112-MS2) Source: E509196-01 Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2538112-MSD2) Source: E509196-01 Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130	2.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:28:55AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2539024-BLK1)					Prepared: 09/22/25 Analyzed: 09/22/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.7		50.0		93.3	61-141			

LCS (2539024-BS1)					Prepared: 09/22/25 Analyzed: 09/22/25				
Diesel Range Organics (C10-C28)	237	25.0	250		94.9	66-144			
Surrogate: n-Nonane	45.8		50.0		91.7	61-141			

Matrix Spike (2539024-MS1)					Source: E509197-03		Prepared: 09/22/25 Analyzed: 09/22/25		
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.4	56-156			
Surrogate: n-Nonane	47.0		50.0		94.0	61-141			

Matrix Spike Dup (2539024-MSD1)					Source: E509197-03		Prepared: 09/22/25 Analyzed: 09/22/25		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156	4.54	20	
Surrogate: n-Nonane	49.0		50.0		98.0	61-141			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:28:55AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538139-BLK1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Chloride	ND	20.0							
LCS (2538139-BS1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2538139-MS1)					Source: E509197-04		Prepared: 09/19/25 Analyzed: 09/20/25		
Chloride	295	20.0	250	53.1	96.8	80-120			
Matrix Spike Dup (2538139-MSD1)					Source: E509197-04		Prepared: 09/19/25 Analyzed: 09/20/25		
Chloride	297	20.0	250	53.1	97.4	80-120	0.535	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	09/25/25 06:28

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E509197		0658-007					X	X			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: PN:21975															
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0704337034 CC:1094698801															

Sample Information							Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
14:59	9/17/25	Soil	1	BH07	0.5'	1								X				
15:05			1	BH08	0.5'	2								X				
15:09			1	BH09	0.5'	3								X				
15:14			1	BH10	0.5'	4								X				
15:19			1	BH11	0.5'	5								X				
15:23			1	BH12	0.5'	6								X				
15:38			1	BH13	0.5'	7								X				

Additional Instructions:
 I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
 Sampled by: CF

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>Y/N</u>
<u>Michelle Gonzales</u>	9/18/25	1100	<u>Michelle Gonzales</u>	9-18-25	1100	
<u>Michelle Gonzales</u>	9-18-25	1500	<u>Michelle Gonzales</u>	9-18-25	1500	
<u>Marissa Gonzales</u>	9-18-25	1905	<u>Andrew Musso</u>	9-18-25	1905	
<u>Andrew Musso</u>	9-18-25	2400	<u>Caitlynn</u>	9-19-25	745	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/19/2025 12:44:03PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/19/25 07:45	Work Order ID:	E509197
Phone:	(575) 200-6754	Date Logged In:	09/18/25 16:16	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/25/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E509198

Job Number: 01058-0007

Received: 9/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/24/25

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/24/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E509198
Date Received: 9/19/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2025 7:45:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name:	Ram Ewe Federal #003	Reported: 09/24/25 15:35
	Project Number:	01058-0007	
	Project Manager:	Anna Byers	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH04 3'	E509198-01A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH04 4'	E509198-02A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH06 3'	E509198-03A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH06 4'	E509198-04A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH07 1'	E509198-05A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH07 2'	E509198-06A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH07 3'	E509198-07A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH07 4'	E509198-08A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH08 1'	E509198-09A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH08 2'	E509198-10A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH08 3'	E509198-11A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH08 4'	E509198-12A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 1'	E509198-13A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 2'	E509198-14A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 3'	E509198-15A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 4'	E509198-16A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH04 3'

E509198-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.5 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	104 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	37.3	25.0	1	09/19/25	09/22/25	
Oil Range Organics (C28-C36)	58.4	50.0	1	09/19/25	09/22/25	
<i>Surrogate: n-Nonane</i>	101 %	61-141		09/19/25	09/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	1860	40.0	2	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH04 4'

E509198-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.9 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	105 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>	102 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	406	200	10	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH06 3'

E509198-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.8 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	106 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>	101 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	1490	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH06 4'

E509198-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/19/25	
Toluene	ND	0.0250	1	09/19/25	09/19/25	
o-Xylene	ND	0.0250	1	09/19/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	870	200	10	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH07 1'

E509198-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.6 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		104 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH07 2'

E509198-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH07 3'

E509198-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.9 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	104 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>	101 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	24.8	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH07 4'

E509198-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	51.9	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH08 1'

E509198-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.9 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	105 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>	105 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH08 2'

E509198-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH08 3'

E509198-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH08 4'

E509198-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	95.9	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH09 1'

E509198-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	ND	20.0	1	09/19/25	09/19/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH09 2'

E509198-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH09 3'

E509198-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: IY		Batch: 2538113	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2538111	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2538125	
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 3:35:44PM

BH09 4'

E509198-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538113
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538111
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538125
Chloride	667	20.0	1	09/19/25	09/20/25	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/24/2025 3:35:44PM

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538113-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

LCS (2538113-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.20	0.0250	5.00		84.0	70-130			
Ethylbenzene	4.44	0.0250	5.00		88.8	70-130			
Toluene	4.39	0.0250	5.00		87.9	70-130			
o-Xylene	4.51	0.0250	5.00		90.3	70-130			
p,m-Xylene	9.04	0.0500	10.0		90.4	70-130			
Total Xylenes	13.6	0.0250	15.0		90.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.6	70-130			

Matrix Spike (2538113-MS1)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.68	0.0250	5.00	ND	93.7	70-130			
Ethylbenzene	4.94	0.0250	5.00	ND	98.7	70-130			
Toluene	4.89	0.0250	5.00	ND	97.7	70-130			
o-Xylene	4.97	0.0250	5.00	ND	99.4	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	100	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.7	70-130			

Matrix Spike Dup (2538113-MSD1)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.83	0.0250	5.00	ND	96.6	70-130	3.09	27	
Ethylbenzene	5.09	0.0250	5.00	ND	102	70-130	3.17	26	
Toluene	5.04	0.0250	5.00	ND	101	70-130	3.13	20	
o-Xylene	5.13	0.0250	5.00	ND	103	70-130	3.16	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	3.15	23	
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130	3.16	26	
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/24/2025 3:35:44PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538113-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.43		8.00		105	70-130			

LCS (2538113-BS2)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.54		8.00		107	70-130			

Matrix Spike (2538113-MS2)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.38		8.00		105	70-130			

Matrix Spike Dup (2538113-MSD2)

Source: E509198-04

Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	56.8	20.0	50.0	ND	114	70-130	19.0	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.42		8.00		105	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/24/2025 3:35:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538111-BLK1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	59.2		50.0		118	61-141			

LCS (2538111-BS1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Diesel Range Organics (C10-C28)	263	25.0	250		105	66-144			
Surrogate: n-Nonane	50.2		50.0		100	61-141			

Matrix Spike (2538111-MS1)					Source: E509198-15		Prepared: 09/19/25 Analyzed: 09/19/25		
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	50.6		50.0		101	61-141			

Matrix Spike Dup (2538111-MSD1)					Source: E509198-15		Prepared: 09/19/25 Analyzed: 09/19/25		
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	56-156	5.52	20	
Surrogate: n-Nonane	53.0		50.0		106	61-141			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/24/2025 3:35:44PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538125-BLK1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Chloride	ND	20.0							
LCS (2538125-BS1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2538125-MS1)					Source: E509198-04		Prepared: 09/19/25 Analyzed: 09/19/25		
Chloride	1400	200	250	870	212	80-120			M4
Matrix Spike Dup (2538125-MSD1)					Source: E509198-04		Prepared: 09/19/25 Analyzed: 09/19/25		
Chloride	1170	200	250	870	119	80-120	18.2	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	09/24/25 15:35

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Client Information					Invoice Information		Lab Use Only		TAT				State							
Client: WPX Energy Permian, LLC.					Company: Devon Energy Production Co.		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Ram Ewe Federal #003					Address: 5315 Buena Vista Dr.		E509198	21058-0007				X	X							
Project Manager: Anna Byers					City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100					Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765					Email: jim.raley@devn.com															
Phone: 432-305-6415					Miscellaneous: PN:21975															
Email: NMTXGeoGroup@etechnv.com					IN: nMLB0704337034 CC:1094698801															
Sample Information							Analysis and Method						EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
8:55	9/17/25	Soil	1	BH04	3'	1								X			3.2			
8:57			1	BH04	4'	2								X			2.0			
10:04			1	BH06	3'	3								X			2.6			
10:10			1	BH06	4'	4								X			3.0			
11:50			1	BH07	1'	5								X			3.0			
11:52			1	BH07	2'	6								X			2.4			
11:54			1	BH07	3'	7								X			1.8			
11:56			1	BH07	4'	8								X			2.6			
12:26			1	BH08	1'	9								X			3.1			
12:28			1	BH08	2'	10								X			2.4			
Additional Instructions:																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by: <i>CF</i>																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <i>Y</i> N								
<i>Michelle Gonzales</i>		9/18/25		1100		<i>Michelle Gonzales</i>		9-18-25		1100										
<i>Michelle Gonzales</i>		9-18-25		1500		<i>Michelle Gonzales</i>		9-18-25		1500										
<i>Marissa Gonzales</i>		9-18-25		1905		<i>Marissa Gonzales</i>		9-18-25		1905										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
<i>Andrew Musso</i>		9-18-25		2400		<i>Andrew Musso</i>		9-18-25		745										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
<i>Andrew Musso</i>		9-18-25		2400		<i>Andrew Musso</i>		9-19-25		745										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				



Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.		E509198	01058-0007				x	x								
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220																
Address: 13000 W County Rd 100				Phone: 575-885-7502																
City, State, Zip: Odessa, TX, 79765				Email: iim.raley@dnv.com																
Phone: 432-305-6415				Miscellaneous: PN:21975																
Email: NMTXGeoGroup@etechenv.com				IN: nMLB0704337034 CC:1094698801																
Sample Information						Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
12:30	9/12/25	Soil	1	BH08	3'	11								X			2.2			
12:32			1	BH08	4'	12								X			1.4			
13:06			1	BH09	1'	13								X			1.6			
13:08			1	BH09	2'	14								X			2.0			
13:10			1	BH09	3'	15								X			1.8			
13:12			1	BH09	4'	16								X			2.1			
Additional Instructions:																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by: <i>CI</i>																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.								
<i>Michelle Gonzales</i>		9/18/25		1100		<i>Michelle Gonzales</i>		9-18-25		1100										
<i>Michelle Gonzales</i>		9-18-25		1500		<i>Marissa Gonzales</i>		9-18-25		1500										
<i>Marissa Gonzales</i>		9-18-25		1905		<i>Andrew Musso</i>		9-18-25		1905										
<i>Andrew Musso</i>		9-18-25		2400		<i>Andrew Musso</i>		9-19-25		745										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only								
<i>Andrew Musso</i>						<i>Andrew Musso</i>						Received on ice:								
						<i>Andrew Musso</i>						Y N								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Envirotech Analytical Laboratory

Printed: 9/19/2025 12:45:09PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/19/25 07:45	Work Order ID:	E509198
Phone:	(575) 200-6754	Date Logged In:	09/18/25 16:20	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/25/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

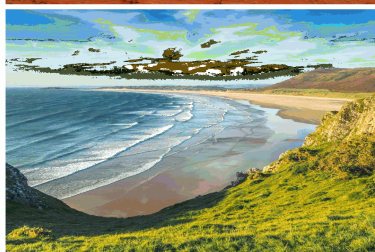
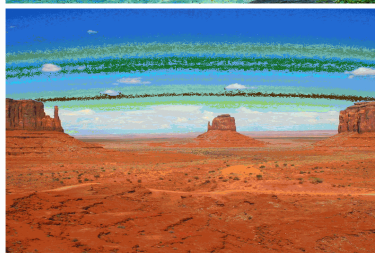
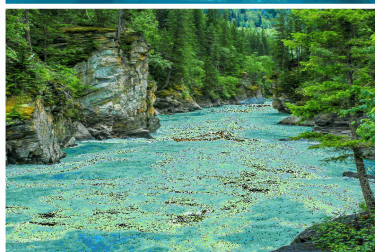
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E509196

Job Number: 01058-0007

Received: 9/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/25/25

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/25/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E509196
Date Received: 9/19/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2025 7:45:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported: 09/25/25 06:34
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH06 5'	E509196-01A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH09 5'	E509196-02A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH04 5'	E509196-03A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:34:37AM

BH06 5'

E509196-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/19/25	
Toluene	ND	0.0250	1	09/19/25	09/19/25	
o-Xylene	ND	0.0250	1	09/19/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		112 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.7 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538109
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2538123
Chloride	329	200	10	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:34:37AM

BH09 5'

E509196-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/19/25	
Toluene	ND	0.0250	1	09/19/25	09/19/25	
o-Xylene	ND	0.0250	1	09/19/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538109
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		113 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2538123
Chloride	ND	200	10	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:34:37AM

BH04 5'

E509196-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/19/25	
Toluene	ND	0.0250	1	09/19/25	09/19/25	
o-Xylene	ND	0.0250	1	09/19/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.5 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538109
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2538123
Chloride	ND	200	10	09/19/25	09/20/25	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:34:37AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538112-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.18		8.00		115	70-130			

LCS (2538112-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.62	0.0250	5.00		92.4	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.69	0.0250	5.00		93.8	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.1	0.0250	15.0		94.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.96		8.00		112	70-130			

Matrix Spike (2538112-MS1)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	5.08	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.10	0.0250	5.00	ND	102	70-130			
Toluene	5.05	0.0250	5.00	ND	101	70-130			
o-Xylene	5.15	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.83		8.00		110	70-130			

Matrix Spike Dup (2538112-MSD1)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.93	0.0250	5.00	ND	98.7	70-130	2.86	27	
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	70-130	2.42	26	
Toluene	4.92	0.0250	5.00	ND	98.4	70-130	2.63	20	
o-Xylene	5.03	0.0250	5.00	ND	101	70-130	2.33	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	2.43	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	2.40	26	
Surrogate: 4-Bromochlorobenzene-PID	8.82		8.00		110	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:34:37AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538112-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			

LCS (2538112-BS2)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.7	70-130			

Matrix Spike (2538112-MS2)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2538112-MSD2)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130	2.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:34:37AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538109-BLK1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.6		50.0		99.2	61-141			

LCS (2538109-BS1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			

Matrix Spike (2538109-MS1)					Source: E509194-04		Prepared: 09/19/25 Analyzed: 09/19/25		
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	51.7		50.0		103	61-141			

Matrix Spike Dup (2538109-MSD1)					Source: E509194-04		Prepared: 09/19/25 Analyzed: 09/19/25		
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156	0.700	20	
Surrogate: n-Nonane	51.6		50.0		103	61-141			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:34:37AM

Anions by EPA 300.0/9056A

Analyst: TP

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2538123-BLK1)					Prepared: 09/19/25 Analyzed: 09/20/25				
Chloride	ND	20.0							
LCS (2538123-BS1)					Prepared: 09/19/25 Analyzed: 09/20/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2538123-MS1)					Source: E509193-03		Prepared: 09/19/25 Analyzed: 09/20/25		
Chloride	238	200	250	ND	95.1	80-120			
Matrix Spike Dup (2538123-MSD1)					Source: E509193-03		Prepared: 09/19/25 Analyzed: 09/20/25		
Chloride	238	200	250	ND	95.2	80-120	0.126	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	09/25/25 06:34

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project Name: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E569196		91058-007					X	X			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: PN:21975															
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0704337034 CC:1094698801															
Sample Information												Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
																Compliance	Y	or	N
																PWSID #			
																Sample Temp			Remarks
10:27	9/17/25	Soil	1	BH06	5'	1								X		2.9			
13:47	9/17/25	Soil	1	BH09	5'	2								X		2.6			
9:32	9/17/25	Soil	1	BH04	5'	3								X	1	1.1			
														X					
														X					
														X					
														X					
														X					
														X					
														X					
														X					
														X					
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: CI																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y N							
Michelle Gonzales		9/18/25		1100		Michelle Gonzales		9-18-25		1100									
Michelle Gonzales		9-18-25		1500		Michelle Gonzales		9-18-25		1500									
Michelle Gonzales		9-18-25		1905		Michelle Gonzales		9-18-25		1905									
Michelle Gonzales		9-18-25		2400		Michelle Gonzales		9-19-25		745									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 9/19/2025 12:43:05PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/19/25 07:45	Work Order ID:	E509196
Phone:	(575) 200-6754	Date Logged In:	09/18/25 16:14	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/25/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

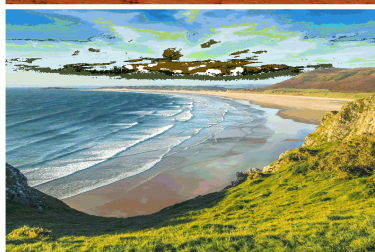
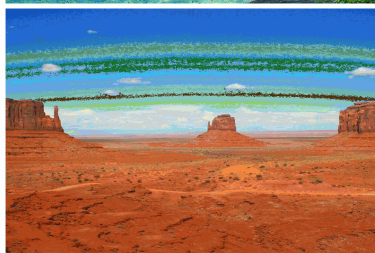
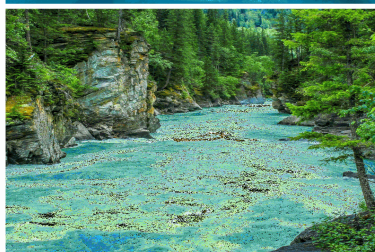
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E509195

Job Number: 01058-0007

Received: 9/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/25/25

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/25/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E509195
Date Received: 9/19/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2025 7:45:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	09/25/25 06:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH06 6'	E509195-01A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH06 7'	E509195-02A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:31:58AM

BH06 6'

E509195-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2538112	
Benzene	ND	0.0250	1	09/19/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/19/25	
Toluene	ND	0.0250	1	09/19/25	09/19/25	
o-Xylene	ND	0.0250	1	09/19/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		110 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2538112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2538109	
Diesel Range Organics (C10-C28)	87.8	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2538139	
Chloride	419	200	10	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/25/2025 6:31:58AM

BH06 7'

E509195-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Benzene	ND	0.0250	1	09/19/25	09/19/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/19/25	
Toluene	ND	0.0250	1	09/19/25	09/19/25	
o-Xylene	ND	0.0250	1	09/19/25	09/19/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/19/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/19/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538112
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/19/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	09/19/25	09/19/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2538109
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538139
Chloride	ND	200	10	09/19/25	09/20/25	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:31:58AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538112-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	9.18		8.00		115	70-130			

LCS (2538112-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.62	0.0250	5.00		92.4	70-130			
Ethylbenzene	4.65	0.0250	5.00		92.9	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.69	0.0250	5.00		93.8	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.1	0.0250	15.0		94.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.96		8.00		112	70-130			

Matrix Spike (2538112-MS1)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	5.08	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.10	0.0250	5.00	ND	102	70-130			
Toluene	5.05	0.0250	5.00	ND	101	70-130			
o-Xylene	5.15	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.83		8.00		110	70-130			

Matrix Spike Dup (2538112-MSD1)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Benzene	4.93	0.0250	5.00	ND	98.7	70-130	2.86	27	
Ethylbenzene	4.98	0.0250	5.00	ND	99.6	70-130	2.42	26	
Toluene	4.92	0.0250	5.00	ND	98.4	70-130	2.63	20	
o-Xylene	5.03	0.0250	5.00	ND	101	70-130	2.33	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	2.43	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	2.40	26	
Surrogate: 4-Bromochlorobenzene-PID	8.82		8.00		110	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:31:58AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538112-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			

LCS (2538112-BS2)

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	57.9	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.7	70-130			

Matrix Spike (2538112-MS2)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	57.6	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2538112-MSD2)

Source: E509196-01

Prepared: 09/19/25 Analyzed: 09/19/25

Gasoline Range Organics (C6-C10)	56.4	20.0	50.0	ND	113	70-130	2.11	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:31:58AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538109-BLK1)

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	49.6		50.0		99.2	61-141			

LCS (2538109-BS1)

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	257	25.0	250		103	66-144			
Surrogate: <i>n</i> -Nonane	49.9		50.0		99.8	61-141			

Matrix Spike (2538109-MS1)

Source: E509194-04

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: <i>n</i> -Nonane	51.7		50.0		103	61-141			

Matrix Spike Dup (2538109-MSD1)

Source: E509194-04

Prepared: 09/19/25 Analyzed: 09/19/25

Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156	0.700	20	
Surrogate: <i>n</i> -Nonane	51.6		50.0		103	61-141			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/25/2025 6:31:58AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538139-BLK1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Chloride	ND	20.0							
LCS (2538139-BS1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2538139-MS1)					Source: E509197-04		Prepared: 09/19/25 Analyzed: 09/20/25		
Chloride	295	20.0	250	53.1	96.8	80-120			
Matrix Spike Dup (2538139-MSD1)					Source: E509197-04		Prepared: 09/19/25 Analyzed: 09/20/25		
Chloride	297	20.0	250	53.1	97.4	80-120	0.535	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	09/25/25 06:31

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.





Chain of Custody

Page 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.		E509195	01058-0007				x	x							
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: PN:21975															
Email: NMTXGeoGroup@etechenv.com				IN: nMLB0704337034 CC:1094698801															
Sample Information						Analysis and Method						EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
10:45	9/17/25	Soil	1	BH06	6'	1								X					
11:04	9/17/25	Soil	1	BH06	7'	2								X					
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: <u>CT</u>																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>Y</u> <u>N</u>											
<u>Michelle Gonzales</u>		9/18/25	1100	<u>Michelle Gonzales</u>		9-18-25	1100												
<u>Michelle Gonzales</u>		9-18-25	1500	<u>Michelle Gonzales</u>		9-18-25	1500												
<u>Marissa Gonzales</u>		9-18-25	1905	<u>Andrew Musso</u>		9-18-25	1905												
<u>Andrew Musso</u>		9-18-25	2400	<u>Caity Ann</u>		9-19-25	145												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 9/19/2025 12:41:53PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/19/25 07:45	Work Order ID:	E509195
Phone:	(575) 200-6754	Date Logged In:	09/18/25 16:10	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/25/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

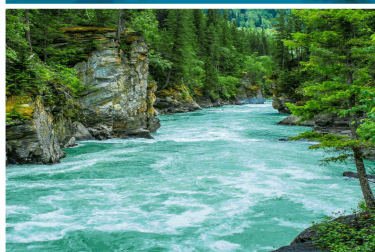
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E509199

Job Number: 01058-0007

Received: 9/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/24/25

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 9/24/25



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E509199
Date Received: 9/19/2025 7:45:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/19/2025 7:45:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 09/24/25 13:13
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH10 1'	E509199-01A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH10 2'	E509199-02A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH10 3'	E509199-03A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH10 4'	E509199-04A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH11 1'	E509199-05A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH11 2'	E509199-06A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH11 3'	E509199-07A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH11 4'	E509199-08A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH12 1'	E509199-09A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH12 2'	E509199-10A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH12 3'	E509199-11A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH12 4'	E509199-12A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH13 1'	E509199-13A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH13 2'	E509199-14A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH13 3'	E509199-15A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.
BH13 4'	E509199-16A	Soil	09/17/25	09/19/25	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH10 1'

E509199-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2538114	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.8 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2538114	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2538115	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/19/25	09/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2538132	
Chloride	132	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH10 2'

E509199-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.2 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>						
	98.6 %	61-141		09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	317	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH10 3'

E509199-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>						
	97.3 %	61-141		09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	266	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH10 4'

E509199-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>						
	94.5 %	61-141		09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	200	10	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH11 1'

E509199-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
Surrogate: 4-Bromochlorobenzene-PID	92.6 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.6 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
Surrogate: n-Nonane	94.2 %	61-141		09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH11 2'

E509199-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2538114	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>91.8 %</i>	<i>70-130</i>		<i>09/19/25</i>	<i>09/20/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2538114	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>91.6 %</i>	<i>70-130</i>		<i>09/19/25</i>	<i>09/20/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2538115	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>	<i>97.0 %</i>	<i>61-141</i>		<i>09/19/25</i>	<i>09/19/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2538132	
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH11 3'

E509199-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
Surrogate: 4-Bromochlorobenzene-PID	93.7 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.2 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
Surrogate: n-Nonane	95.6 %	61-141		09/19/25	09/19/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH11 4'

E509199-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2538114	
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.5 %</i>	<i>70-130</i>		<i>09/19/25</i>	<i>09/20/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2538114	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>92.8 %</i>	<i>70-130</i>		<i>09/19/25</i>	<i>09/20/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2538115	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/19/25	
<i>Surrogate: n-Nonane</i>	<i>99.8 %</i>	<i>61-141</i>		<i>09/19/25</i>	<i>09/19/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2538132	
Chloride	22.2	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH12 1'

E509199-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/20/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/20/25	
Toluene	ND	0.0250	1	09/19/25	09/20/25	
o-Xylene	ND	0.0250	1	09/19/25	09/20/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/20/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.5 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		09/19/25	09/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	97.9 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	20.5	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH12 2'

E509199-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	96.4 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH12 3'

E509199-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.0 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	94.4 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH12 4'

E509199-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	97.1 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	29.8	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH13 1'

E509199-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
Surrogate: 4-Bromochlorobenzene-PID	93.5 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.1 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
Surrogate: n-Nonane	93.7 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	53.0	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH13 2'

E509199-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
Surrogate: 4-Bromochlorobenzene-PID	93.0 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	95.9 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
Surrogate: n-Nonane	97.7 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	39.5	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH13 3'

E509199-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	96.4 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	96.4	20.0	1	09/19/25	09/20/25	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
9/24/2025 1:13:48PM

BH13 4'

E509199-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Benzene	ND	0.0250	1	09/19/25	09/22/25	
Ethylbenzene	ND	0.0250	1	09/19/25	09/22/25	
Toluene	ND	0.0250	1	09/19/25	09/22/25	
o-Xylene	ND	0.0250	1	09/19/25	09/22/25	
p,m-Xylene	ND	0.0500	1	09/19/25	09/22/25	
Total Xylenes	ND	0.0250	1	09/19/25	09/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538114
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/19/25	09/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		09/19/25	09/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538115
Diesel Range Organics (C10-C28)	ND	25.0	1	09/19/25	09/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/19/25	09/20/25	
<i>Surrogate: n-Nonane</i>						
	94.2 %	61-141		09/19/25	09/20/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2538132
Chloride	ND	200	10	09/19/25	09/20/25	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/24/2025 1:13:48PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538114-BLK1)

Prepared: 09/19/25 Analyzed: 09/20/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

LCS (2538114-BS1)

Prepared: 09/19/25 Analyzed: 09/20/25

Benzene	4.40	0.0250	5.00		88.0	70-130			
Ethylbenzene	4.24	0.0250	5.00		84.8	70-130			
Toluene	4.33	0.0250	5.00		86.6	70-130			
o-Xylene	4.29	0.0250	5.00		85.8	70-130			
p,m-Xylene	8.56	0.0500	10.0		85.6	70-130			
Total Xylenes	12.8	0.0250	15.0		85.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

Matrix Spike (2538114-MS1)

Source: E509199-06

Prepared: 09/19/25 Analyzed: 09/20/25

Benzene	4.64	0.0250	5.00	ND	92.9	70-130			
Ethylbenzene	4.46	0.0250	5.00	ND	89.3	70-130			
Toluene	4.57	0.0250	5.00	ND	91.3	70-130			
o-Xylene	4.52	0.0250	5.00	ND	90.3	70-130			
p,m-Xylene	9.01	0.0500	10.0	ND	90.1	70-130			
Total Xylenes	13.5	0.0250	15.0	ND	90.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.38		8.00		92.3	70-130			

Matrix Spike Dup (2538114-MSD1)

Source: E509199-06

Prepared: 09/19/25 Analyzed: 09/20/25

Benzene	4.76	0.0250	5.00	ND	95.2	70-130	2.46	27	
Ethylbenzene	4.61	0.0250	5.00	ND	92.2	70-130	3.21	26	
Toluene	4.69	0.0250	5.00	ND	93.8	70-130	2.67	20	
o-Xylene	4.66	0.0250	5.00	ND	93.2	70-130	3.12	25	
p,m-Xylene	9.30	0.0500	10.0	ND	93.0	70-130	3.16	23	
Total Xylenes	14.0	0.0250	15.0	ND	93.0	70-130	3.15	26	
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.8	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/24/2025 1:13:48PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538114-BLK1) Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			

LCS (2538114-BS2) Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	51.4	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

Matrix Spike (2538114-MS2) Source: E509199-06 Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

Matrix Spike Dup (2538114-MSD2) Source: E509199-06 Prepared: 09/19/25 Analyzed: 09/20/25

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0	ND	89.1	70-130	11.8	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/24/2025 1:13:48PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538115-BLK1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.4		50.0		94.8	61-141			

LCS (2538115-BS1)					Prepared: 09/19/25 Analyzed: 09/19/25				
Diesel Range Organics (C10-C28)	247	25.0	250		98.7	66-144			
Surrogate: n-Nonane	46.6		50.0		93.3	61-141			

Matrix Spike (2538115-MS1)					Source: E509199-06		Prepared: 09/19/25 Analyzed: 09/19/25		
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	49.7		50.0		99.3	61-141			

Matrix Spike Dup (2538115-MSD1)					Source: E509199-06		Prepared: 09/19/25 Analyzed: 09/19/25		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	1.99	20	
Surrogate: n-Nonane	48.4		50.0		96.9	61-141			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	9/24/2025 1:13:48PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2538132-BLK1)					Prepared: 09/19/25 Analyzed: 09/20/25				
Chloride	ND	20.0							
LCS (2538132-BS1)					Prepared: 09/19/25 Analyzed: 09/20/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2538132-MS1)					Source: E509199-06		Prepared: 09/19/25 Analyzed: 09/20/25		
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2538132-MSD1)					Source: E509199-06		Prepared: 09/19/25 Analyzed: 09/20/25		
Chloride	264	20.0	250	ND	106	80-120	0.718	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	09/24/25 13:13

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.		E 509199010580007					X	X							
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@devn.com															
Phone: 432-305-6415				Miscellaneous: PN:21975															
Email: NMTXGeoGroup@etechenv.com				IN: nMLB0704337034 CC:1094698801															
Sample Information							Analysis and Method						EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
13:36	9/17/25	Soil	1	BH10	1'	1								X		2.2			
13:38			1	BH10	2'	2								X		1.5			
13:40			1	BH10	3'	3								X		1.5			
13:42			1	BH10	4'	4								X		1.2			
14:01			1	BH11	5'	5								X		3.9			
14:03			1	BH11	2'	6								X		2.0			
14:05			1	BH11	3'	7								X		2.1			
14:07			1	BH11	4'	8								X		1.8			
14:15			1	BH12	1'	9								X		3.0			
14:17			1	BH12	2'	10								X		2.3			
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: <i>CT</i>																			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.			
<i>Michelle Gonzales</i>				9/18/25		1100		<i>Michelle Gonzales</i>				9-18-25		1100					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
<i>Michelle Gonzales</i>				9-18-25		1500		<i>Marissa Gonzales</i>				9-18-25		1500					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
<i>Marissa Gonzales</i>				9-18-25		1905		<i>Andrew Musso</i>				9-18-25		1905		Lab Use Only Received on ice: <i>Y</i> N			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
<i>Andrew Musso</i>				9-18-25		2400		<i>Carilly Mann</i>				9-19-25		745					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Analytical Lab				Client Information				Invoice Information				Lab Use Only				TAT				State											
Client: WPX Energy Permian, LLC.				Company: Devon Energy Production Co.				Lab WO#				Job Number				1D				2D				3D				Std			
Project Name: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E509199				01058-0007																			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220																											
Address: 13000 W County Rd 100				Phone: 575-885-7502																											
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com																											
Phone: 432-305-6415				Miscellaneous: PN:21975																											
Email: NMTXGeoGroup@etechnv.com				IN: nMLB0704337034 CC:1094698801																											

Sample Information										Analysis and Method										EPA Program									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N	PWSID #	Sample Temp	Remarks				
14:19	9/17/25	Soil	1	BH 12	3'	11								X										2.3					
14:21			1	BH 12	4'	12								X										1.8					
14:43			1	BH 13	1'	13								X										1.9					
14:45			1	BH 13	2'	14								X										2.8					
14:47			1	BH 13	3'	15								X										2.3					
14:49			1	BH 13	4'	16								X										2.8					

Additional Instructions:
 I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.
 Sampled by: CJ

Relinquished by: (Signature) <u>[Signature]</u>	Date <u>9/18/25</u>	Time <u>1100</u>	Received by: (Signature) <u>Michelle Gonzales</u>	Date <u>9-18-25</u>	Time <u>1100</u>	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N
Relinquished by: (Signature) <u>Michelle Gonzales</u>	Date <u>9-18-25</u>	Time <u>1500</u>	Received by: (Signature) <u>Marissa Gonzales</u>	Date <u>9-18-25</u>	Time <u>1500</u>	
Relinquished by: (Signature) <u>Marissa Gonzales</u>	Date <u>9-18-25</u>	Time <u>1905</u>	Received by: (Signature) <u>Andrew Musso</u>	Date <u>9-18-25</u>	Time <u>1905</u>	
Relinquished by: (Signature) <u>Andrew Musso</u>	Date <u>9-18-25</u>	Time <u>2400</u>	Received by: (Signature) <u>Caitlin Man</u>	Date <u>9-19-25</u>	Time <u>745</u>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other
 Container Type: g - glass, p - poly/plastic, ag - amber glass, v -VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 9/19/2025 12:48:31PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	09/19/25 07:45	Work Order ID:	E509199
Phone:	(575) 200-6754	Date Logged In:	09/18/25 16:22	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	09/25/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

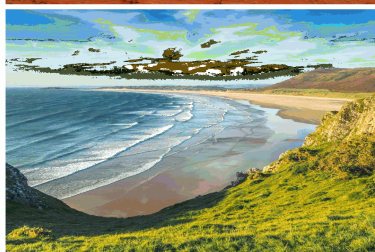
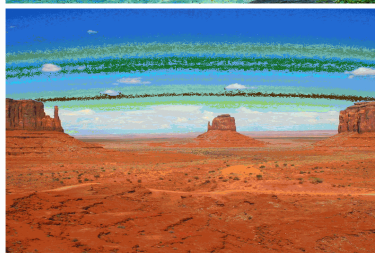
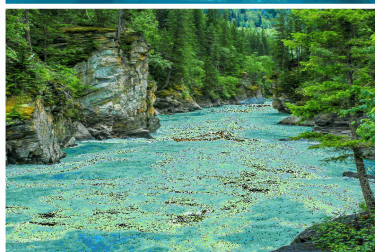
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E604330

Job Number: 01058-0007

Received: 4/27/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/1/26

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/1/26



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E604330
Date Received: 4/27/2026 6:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2026 6:00:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Sample Summary

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	05/01/26 09:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 5'	E604330-01A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
FS02 5'	E604330-02A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
FS03 5'	E604330-03A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/1/2026 9:09:32AM

FS01 5'

E604330-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2618043	
Benzene	ND	0.0250	1	04/28/26	04/29/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/29/26	
Toluene	ND	0.0250	1	04/28/26	04/29/26	
o-Xylene	ND	0.0250	1	04/28/26	04/29/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/29/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.5 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2618043	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.2 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618090	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/30/26	
<i>Surrogate: n-Nonane</i>	90.4 %	69-135		04/29/26	04/30/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2618080	
Chloride	30.1	20.0	1	04/29/26	04/29/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/1/2026 9:09:32AM

FS02 5'

E604330-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618043
Benzene	ND	0.0250	1	04/28/26	04/29/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/29/26	
Toluene	ND	0.0250	1	04/28/26	04/29/26	
o-Xylene	ND	0.0250	1	04/28/26	04/29/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/29/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.2 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618043
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.6 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618090
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	88.8 %	69-135		04/29/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618080
Chloride	60.9	20.0	1	04/29/26	04/29/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/1/2026 9:09:32AM

FS03 5'

E604330-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618043
Benzene	ND	0.0250	1	04/28/26	04/29/26	
Ethylbenzene	ND	0.0250	1	04/28/26	04/29/26	
Toluene	ND	0.0250	1	04/28/26	04/29/26	
o-Xylene	ND	0.0250	1	04/28/26	04/29/26	
p,m-Xylene	ND	0.0500	1	04/28/26	04/29/26	
Total Xylenes	ND	0.0250	1	04/28/26	04/29/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2618043
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/28/26	04/29/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.1 %	70-130		04/28/26	04/29/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618090
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/30/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	91.5 %	69-135		04/29/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618080
Chloride	510	20.0	1	04/29/26	04/29/26	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:09:32AM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618043-BLK1)

Prepared: 04/28/26 Analyzed: 04/28/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.4	70-130			

LCS (2618043-BS1)

Prepared: 04/28/26 Analyzed: 04/28/26

Benzene	4.37	0.0250	5.00		87.4	70-130			
Ethylbenzene	4.07	0.0250	5.00		81.5	70-130			
Toluene	4.25	0.0250	5.00		85.0	70-130			
o-Xylene	4.18	0.0250	5.00		83.7	70-130			
p,m-Xylene	8.39	0.0500	10.0		83.9	70-130			
Total Xylenes	12.6	0.0250	15.0		83.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			

Matrix Spike (2618043-MS1)

Source: E604335-08

Prepared: 04/28/26 Analyzed: 04/29/26

Benzene	4.65	0.0250	5.00	ND	93.0	70-130			
Ethylbenzene	4.32	0.0250	5.00	ND	86.5	70-130			
Toluene	4.52	0.0250	5.00	ND	90.4	70-130			
o-Xylene	4.41	0.0250	5.00	ND	88.2	70-130			
p,m-Xylene	8.89	0.0500	10.0	ND	88.9	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.6	70-130			

Matrix Spike Dup (2618043-MSD1)

Source: E604335-08

Prepared: 04/28/26 Analyzed: 04/29/26

Benzene	5.21	0.0250	5.00	ND	104	70-130	11.4	20	
Ethylbenzene	4.86	0.0250	5.00	ND	97.2	70-130	11.7	20	
Toluene	5.07	0.0250	5.00	ND	101	70-130	11.4	20	
o-Xylene	4.94	0.0250	5.00	ND	98.8	70-130	11.3	20	
p,m-Xylene	9.96	0.0500	10.0	ND	99.6	70-130	11.4	20	
Total Xylenes	14.9	0.0250	15.0	ND	99.4	70-130	11.4	20	
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:09:32AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618043-BLK1)

Prepared: 04/28/26 Analyzed: 04/28/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			

LCS (2618043-BS2)

Prepared: 04/28/26 Analyzed: 04/28/26

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			

Matrix Spike (2618043-MS2)

Source: E604335-08

Prepared: 04/28/26 Analyzed: 04/29/26

Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	ND	84.1	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			

Matrix Spike Dup (2618043-MSD2)

Source: E604335-08

Prepared: 04/28/26 Analyzed: 04/29/26

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0	ND	87.4	60-137	3.79	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:09:32AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618090-BLK1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.3		50.0		84.6	69-135			

LCS (2618090-BS1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Diesel Range Organics (C10-C28)	243	25.0	250		97.3	70-131			
Surrogate: n-Nonane	43.5		50.0		87.1	69-135			

Matrix Spike (2618090-MS1)					Source: E604328-01		Prepared: 04/29/26 Analyzed: 04/29/26		
Diesel Range Organics (C10-C28)	291	25.0	250	36.1	102	62-151			
Surrogate: n-Nonane	44.3		50.0		88.6	69-135			

Matrix Spike Dup (2618090-MSD1)					Source: E604328-01		Prepared: 04/29/26 Analyzed: 04/29/26		
Diesel Range Organics (C10-C28)	274	25.0	250	36.1	95.0	62-151	6.10	20	
Surrogate: n-Nonane	43.6		50.0		87.1	69-135			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:09:32AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618080-BLK1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Chloride	ND	20.0							
LCS (2618080-BS1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2618080-MS1)					Source: E604321-21		Prepared: 04/29/26 Analyzed: 04/29/26		
Chloride	331	20.0	250	64.3	107	80-120			
Matrix Spike Dup (2618080-MSD1)					Source: E604321-21		Prepared: 04/29/26 Analyzed: 04/29/26		
Chloride	327	20.0	250	64.3	105	80-120	1.01	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	05/01/26 09:09

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Client Information				Invoice Information				Lab Use Only				TAT				State				
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E604330		01058-0007					X	x				
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220																
Address: 13000 W County Rd 100				Phone: 575-885-7502																
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dv.com																
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED																
Email: geo@etechenv.com				LOC : PN: 21975; IN: nMLB0704337034																
Sample Information																				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks	SDWA	CWA	RCRA
8:47	4/23/26	S	1	FS01	5'	1									X		2.0			
8:49	4/23/26	S	1	FS02	5'	2									X		2.4			
8:52	4/23/26	S	1	FS03	5'	3									X		1-8			
Additional Instructions:																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by: Savana Anderson																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.		
Michelle Gonzales		04/24/2026		07:30		Michelle Gonzales		4-24-26		1500		Marissa Gonzales		4-24-26		1530				
Marissa Gonzales		4-24-26		1945		Johnny Archuleta		4-24-26		1945		Noe Sob		4-27-26		0600				
Johnny Archuleta		4-24-26		2300		Noe Sob		4-27-26		0600								Lab Use Only		
																		Received on ice:		
																		Y N		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Envirotech Analytical Laboratory

Printed: 4/27/2026 10:10:54AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	04/27/26 06:00	Work Order ID:	E604330
Phone:	(575) 200-6754	Date Logged In:	04/24/26 16:42	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	05/01/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

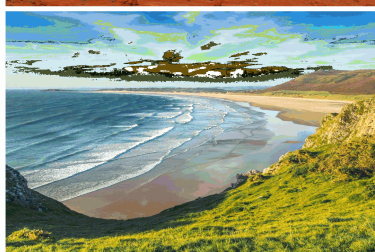
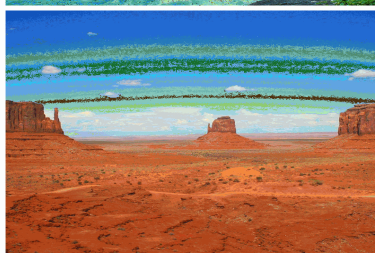
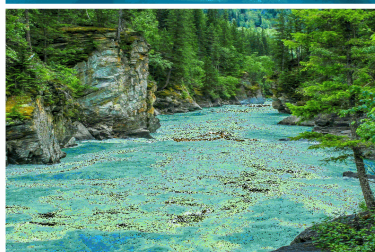
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E604326

Job Number: 01058-0007

Received: 4/27/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/1/26

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/1/26



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E604326
Date Received: 4/27/2026 6:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2026 6:00:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Sample Summary

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	05/01/26 09:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS04 5'	E604326-01A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/1/2026 9:02:19AM

FS04 5'

E604326-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2618012	
Benzene	ND	0.0250	1	04/27/26	04/27/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/27/26	
Toluene	ND	0.0250	1	04/27/26	04/27/26	
o-Xylene	ND	0.0250	1	04/27/26	04/27/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/27/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.4 %	70-130		04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2618012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.1 %	70-130		04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618090	
Diesel Range Organics (C10-C28)	77.3	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	70.2	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>	89.9 %	69-135		04/29/26	04/29/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2618080	
Chloride	543	200	10	04/29/26	04/29/26	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:02:19AM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618012-BLK1)

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			

LCS (2618012-BS1)

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	4.81	0.0250	5.00		96.2	70-130			
Ethylbenzene	4.47	0.0250	5.00		89.5	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.55	0.0250	5.00		91.1	70-130			
p,m-Xylene	9.19	0.0500	10.0		91.9	70-130			
Total Xylenes	13.7	0.0250	15.0		91.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike (2618012-MS1)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	5.24	0.0250	5.00	ND	105	70-130			
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	70-130			
Toluene	5.14	0.0250	5.00	ND	103	70-130			
o-Xylene	4.92	0.0250	5.00	ND	98.4	70-130			
p,m-Xylene	9.95	0.0500	10.0	ND	99.5	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike Dup (2618012-MSD1)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	5.54	0.0250	5.00	ND	111	70-130	5.61	20	
Ethylbenzene	5.17	0.0250	5.00	ND	103	70-130	6.31	20	
Toluene	5.46	0.0250	5.00	ND	109	70-130	6.10	20	
o-Xylene	5.22	0.0250	5.00	ND	104	70-130	5.98	20	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	6.21	20	
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130	6.13	20	
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:02:19AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618012-BLK1) Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

LCS (2618012-BS2) Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			

Matrix Spike (2618012-MS2) Source: E604317-04 Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.7	70-130			

Matrix Spike Dup (2618012-MSD2) Source: E604317-04 Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	60-137	4.04	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:02:19AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618090-BLK1)

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.3		50.0		84.6	69-135			

LCS (2618090-BS1)

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	243	25.0	250		97.3	70-131			
Surrogate: n-Nonane	43.5		50.0		87.1	69-135			

Matrix Spike (2618090-MS1)

Source: E604328-01

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	291	25.0	250	36.1	102	62-151			
Surrogate: n-Nonane	44.3		50.0		88.6	69-135			

Matrix Spike Dup (2618090-MSD1)

Source: E604328-01

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	274	25.0	250	36.1	95.0	62-151	6.10	20	
Surrogate: n-Nonane	43.6		50.0		87.1	69-135			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:02:19AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618080-BLK1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Chloride	ND	20.0							
LCS (2618080-BS1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2618080-MS1)					Source: E604321-21		Prepared: 04/29/26 Analyzed: 04/29/26		
Chloride	331	20.0	250	64.3	107	80-120			
Matrix Spike Dup (2618080-MSD1)					Source: E604321-21		Prepared: 04/29/26 Analyzed: 04/29/26		
Chloride	327	20.0	250	64.3	105	80-120	1.01	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	05/01/26 09:02

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

27

Envirotech Analytical Laboratory

Printed: 4/27/2026 10:06:07AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	04/27/26 06:00	Work Order ID:	E604326
Phone:	(575) 200-6754	Date Logged In:	04/24/26 16:36	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	05/01/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

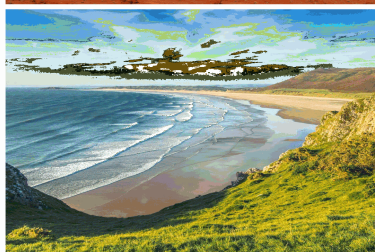
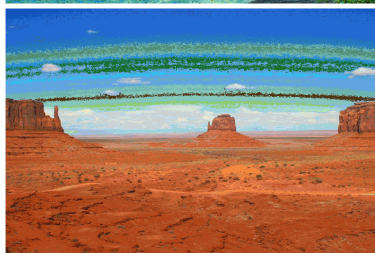
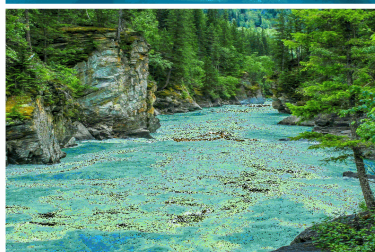
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E604328

Job Number: 01058-0007

Received: 4/27/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/1/26

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/1/26



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E604328
Date Received: 4/27/2026 6:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2026 6:00:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported: 05/01/26 09:05
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS06 5'	E604328-01A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
FS07 5'	E604328-02A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/1/2026 9:05:50AM

FS06 5'

E604328-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2618012	
Benzene	ND	0.0250	1	04/27/26	04/27/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/27/26	
Toluene	ND	0.0250	1	04/27/26	04/27/26	
o-Xylene	ND	0.0250	1	04/27/26	04/27/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/27/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.8 %	70-130		04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2618012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.7 %	70-130		04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618090	
Diesel Range Organics (C10-C28)	36.1	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>	87.0 %	69-135		04/29/26	04/29/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2618080	
Chloride	759	200	10	04/29/26	04/29/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/1/2026 9:05:50AM

FS07 5'

E604328-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2618012	
Benzene	ND	0.0250	1	04/27/26	04/27/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/27/26	
Toluene	ND	0.0250	1	04/27/26	04/27/26	
o-Xylene	ND	0.0250	1	04/27/26	04/27/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/27/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.0 %	70-130		04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2618012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	84.4 %	70-130		04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618090	
Diesel Range Organics (C10-C28)	1320	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	642	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>	88.3 %	69-135		04/29/26	04/29/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2618080	
Chloride	270	200	10	04/29/26	04/29/26	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:05:50AM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618012-BLK1)

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			

LCS (2618012-BS1)

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	4.81	0.0250	5.00		96.2	70-130			
Ethylbenzene	4.47	0.0250	5.00		89.5	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.55	0.0250	5.00		91.1	70-130			
p,m-Xylene	9.19	0.0500	10.0		91.9	70-130			
Total Xylenes	13.7	0.0250	15.0		91.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike (2618012-MS1)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	5.24	0.0250	5.00	ND	105	70-130			
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	70-130			
Toluene	5.14	0.0250	5.00	ND	103	70-130			
o-Xylene	4.92	0.0250	5.00	ND	98.4	70-130			
p,m-Xylene	9.95	0.0500	10.0	ND	99.5	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike Dup (2618012-MSD1)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	5.54	0.0250	5.00	ND	111	70-130	5.61	20	
Ethylbenzene	5.17	0.0250	5.00	ND	103	70-130	6.31	20	
Toluene	5.46	0.0250	5.00	ND	109	70-130	6.10	20	
o-Xylene	5.22	0.0250	5.00	ND	104	70-130	5.98	20	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	6.21	20	
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130	6.13	20	
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:05:50AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618012-BLK1)

Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

LCS (2618012-BS2)

Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			

Matrix Spike (2618012-MS2)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.7	70-130			

Matrix Spike Dup (2618012-MSD2)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	60-137	4.04	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:05:50AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618090-BLK1)

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.3		50.0		84.6	69-135			

LCS (2618090-BS1)

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	243	25.0	250		97.3	70-131			
Surrogate: n-Nonane	43.5		50.0		87.1	69-135			

Matrix Spike (2618090-MS1)

Source: E604328-01

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	291	25.0	250	36.1	102	62-151			
Surrogate: n-Nonane	44.3		50.0		88.6	69-135			

Matrix Spike Dup (2618090-MSD1)

Source: E604328-01

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	274	25.0	250	36.1	95.0	62-151	6.10	20	
Surrogate: n-Nonane	43.6		50.0		87.1	69-135			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:05:50AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2618080-BLK1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Chloride	ND	20.0							
LCS (2618080-BS1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2618080-MS1)					Source: E604321-21		Prepared: 04/29/26 Analyzed: 04/29/26		
Chloride	331	20.0	250	64.3	107	80-120			
Matrix Spike Dup (2618080-MSD1)					Source: E604321-21		Prepared: 04/29/26 Analyzed: 04/29/26		
Chloride	327	20.0	250	64.3	105	80-120	1.01	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	05/01/26 09:05

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.

Client Information				Invoice Information		Lab Use Only		TAT				State						
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.		Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.		E 604328		01058-0007					X	x				
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220														
Address: 13000 W County Rd 100				Phone: 575-885-7502														
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@divn.com														
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED														
Email: geo@etechnv.com				LOC; PN: 21975; IN: nMLB0704337034														
Sample Information						Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
9:02	4/23/26	S	1	F506	5'	1									X			
9:06	4/23/26	S	1	F507	5'	2									X			
Additional Instructions:																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Savana Anderson																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N						
Michelle Gonzales		4-24-26		1530		Michelle Gonzales		4-24-26		1530								
Mariassa Gonzales		4-24-26		1945		Johnny Archuleta		4-24-26		1945								
Johnny Archuleta		4-24-26		2300		Noe Soto		4-27-26		0600								
Sample Matrix: S - Soil, sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Envirotech Analytical Laboratory

Printed: 4/27/2026 10:08:05AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	04/27/26 06:00	Work Order ID:	E604328
Phone:	(575) 200-6754	Date Logged In:	04/24/26 16:39	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	05/01/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

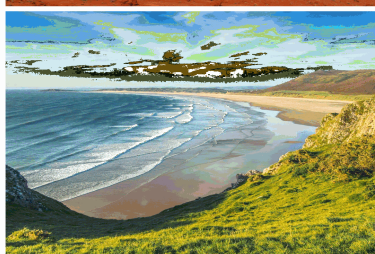
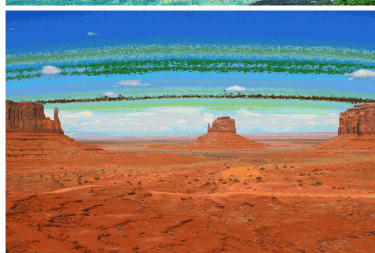
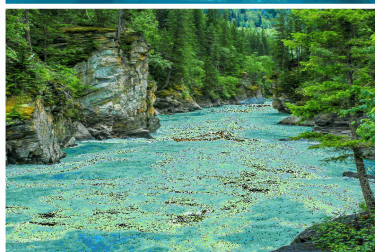
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E604327

Job Number: 01058-0007

Received: 4/27/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/1/26

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/1/26



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E604327
Date Received: 4/27/2026 6:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2026 6:00:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	05/01/26 09:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS08 4'	E604327-01A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/1/2026 9:04:05AM

FS08 4'

E604327-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2618012	
Benzene	ND	0.0250	1	04/27/26	04/27/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/27/26	
Toluene	ND	0.0250	1	04/27/26	04/27/26	
o-Xylene	ND	0.0250	1	04/27/26	04/27/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/27/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	89.4 %	70-130		04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2618012	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.9 %	70-130		04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2618090	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/29/26	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/26	04/29/26	
<i>Surrogate: n-Nonane</i>	87.3 %	69-135		04/29/26	04/29/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2618080	
Chloride	488	200	10	04/29/26	04/29/26	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:04:05AM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618012-BLK1)

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			

LCS (2618012-BS1)

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	4.81	0.0250	5.00		96.2	70-130			
Ethylbenzene	4.47	0.0250	5.00		89.5	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.55	0.0250	5.00		91.1	70-130			
p,m-Xylene	9.19	0.0500	10.0		91.9	70-130			
Total Xylenes	13.7	0.0250	15.0		91.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike (2618012-MS1)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	5.24	0.0250	5.00	ND	105	70-130			
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	70-130			
Toluene	5.14	0.0250	5.00	ND	103	70-130			
o-Xylene	4.92	0.0250	5.00	ND	98.4	70-130			
p,m-Xylene	9.95	0.0500	10.0	ND	99.5	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike Dup (2618012-MSD1)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	5.54	0.0250	5.00	ND	111	70-130	5.61	20	
Ethylbenzene	5.17	0.0250	5.00	ND	103	70-130	6.31	20	
Toluene	5.46	0.0250	5.00	ND	109	70-130	6.10	20	
o-Xylene	5.22	0.0250	5.00	ND	104	70-130	5.98	20	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	6.21	20	
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130	6.13	20	
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:04:05AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618012-BLK1) Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

LCS (2618012-BS2) Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			

Matrix Spike (2618012-MS2) Source: E604317-04 Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.7	70-130			

Matrix Spike Dup (2618012-MSD2) Source: E604317-04 Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	60-137	4.04	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:04:05AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618090-BLK1) Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.3		50.0		84.6	69-135			

LCS (2618090-BS1) Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	243	25.0	250		97.3	70-131			
Surrogate: n-Nonane	43.5		50.0		87.1	69-135			

Matrix Spike (2618090-MS1) Source: E604328-01 Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	291	25.0	250	36.1	102	62-151			
Surrogate: n-Nonane	44.3		50.0		88.6	69-135			

Matrix Spike Dup (2618090-MSD1) Source: E604328-01 Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	274	25.0	250	36.1	95.0	62-151	6.10	20	
Surrogate: n-Nonane	43.6		50.0		87.1	69-135			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:04:05AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618080-BLK1)

Prepared: 04/29/26 Analyzed: 04/29/26

Chloride ND 20.0

LCS (2618080-BS1)

Prepared: 04/29/26 Analyzed: 04/29/26

Chloride 261 20.0 250 104 90-110

Matrix Spike (2618080-MS1)

Source: E604321-21

Prepared: 04/29/26 Analyzed: 04/29/26

Chloride 331 20.0 250 64.3 107 80-120

Matrix Spike Dup (2618080-MSD1)

Source: E604321-21

Prepared: 04/29/26 Analyzed: 04/29/26

Chloride 327 20.0 250 64.3 105 80-120 1.01 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	05/01/26 09:04

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Envirotech Analytical Laboratory

Printed: 4/27/2026 10:07:11AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	04/27/26 06:00	Work Order ID:	E604327
Phone:	(575) 200-6754	Date Logged In:	04/24/26 16:38	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	05/01/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

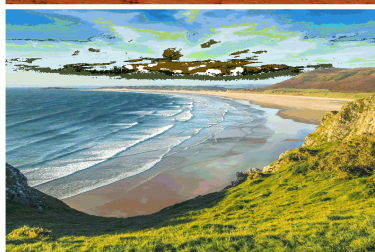
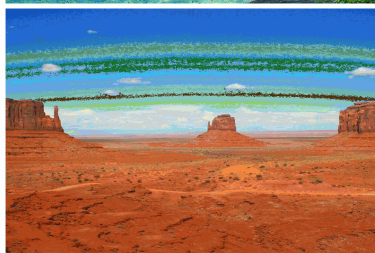
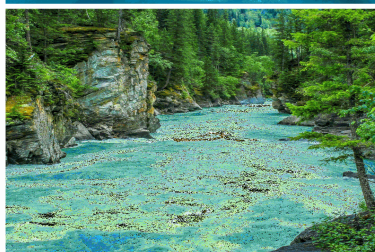
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E604329

Job Number: 01058-0007

Received: 4/27/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/1/26

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/1/26



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E604329
Date Received: 4/27/2026 6:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2026 6:00:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
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Cell: 775-287-1762
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Raina Schwanz
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Sample Summary

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported: 05/01/26 09:08
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW01 0-5'	E604329-01A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.
SW02 0-5'	E604329-02A	Soil	04/23/26	04/27/26	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/1/2026 9:08:07AM

SW01 0-5'

E604329-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: MB		Batch: 2618012
Benzene	ND	0.0250	1	04/27/26	04/27/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/27/26	
Toluene	ND	0.0250	1	04/27/26	04/27/26	
o-Xylene	ND	0.0250	1	04/27/26	04/27/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/27/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.7 %	70-130	04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: MB		Batch: 2618012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.5 %	70-130	04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2618090
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/26	04/30/26	
Oil Range Organics (C28-C36)	61.7	50.0	1	04/29/26	04/30/26	
<i>Surrogate: n-Nonane</i>		92.9 %	69-135	04/29/26	04/30/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2618080
Chloride	ND	20.0	1	04/29/26	04/29/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/1/2026 9:08:07AM

SW02 0-5'

E604329-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618012
Benzene	ND	0.0250	1	04/27/26	04/27/26	
Ethylbenzene	ND	0.0250	1	04/27/26	04/27/26	
Toluene	ND	0.0250	1	04/27/26	04/27/26	
o-Xylene	ND	0.0250	1	04/27/26	04/27/26	
p,m-Xylene	ND	0.0500	1	04/27/26	04/27/26	
Total Xylenes	ND	0.0250	1	04/27/26	04/27/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2618012
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/27/26	04/27/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.2 %	70-130		04/27/26	04/27/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2618090
Diesel Range Organics (C10-C28)	706	25.0	1	04/29/26	04/30/26	
Oil Range Organics (C28-C36)	607	50.0	1	04/29/26	04/30/26	
<i>Surrogate: n-Nonane</i>						
	88.9 %	69-135		04/29/26	04/30/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2618080
Chloride	373	200	10	04/29/26	04/29/26	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:08:07AM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618012-BLK1)

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			

LCS (2618012-BS1)

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	4.81	0.0250	5.00		96.2	70-130			
Ethylbenzene	4.47	0.0250	5.00		89.5	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.55	0.0250	5.00		91.1	70-130			
p,m-Xylene	9.19	0.0500	10.0		91.9	70-130			
Total Xylenes	13.7	0.0250	15.0		91.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike (2618012-MS1)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	5.24	0.0250	5.00	ND	105	70-130			
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	70-130			
Toluene	5.14	0.0250	5.00	ND	103	70-130			
o-Xylene	4.92	0.0250	5.00	ND	98.4	70-130			
p,m-Xylene	9.95	0.0500	10.0	ND	99.5	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike Dup (2618012-MSD1)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Benzene	5.54	0.0250	5.00	ND	111	70-130	5.61	20	
Ethylbenzene	5.17	0.0250	5.00	ND	103	70-130	6.31	20	
Toluene	5.46	0.0250	5.00	ND	109	70-130	6.10	20	
o-Xylene	5.22	0.0250	5.00	ND	104	70-130	5.98	20	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	6.21	20	
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130	6.13	20	
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:08:07AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618012-BLK1)

Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.08		8.00		88.5	70-130			

LCS (2618012-BS2)

Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			

Matrix Spike (2618012-MS2)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	55.8	20.0	50.0	ND	112	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.7	70-130			

Matrix Spike Dup (2618012-MSD2)

Source: E604317-04

Prepared: 04/27/26 Analyzed: 04/27/26

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	60-137	4.04	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.17		8.00		89.6	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:08:07AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2618090-BLK1)

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	42.3		50.0		84.6	69-135			

LCS (2618090-BS1)

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	243	25.0	250		97.3	70-131			
Surrogate: <i>n</i> -Nonane	43.5		50.0		87.1	69-135			

Matrix Spike (2618090-MS1)

Source: E604328-01

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	291	25.0	250	36.1	102	62-151			
Surrogate: <i>n</i> -Nonane	44.3		50.0		88.6	69-135			

Matrix Spike Dup (2618090-MSD1)

Source: E604328-01

Prepared: 04/29/26 Analyzed: 04/29/26

Diesel Range Organics (C10-C28)	274	25.0	250	36.1	95.0	62-151	6.10	20	
Surrogate: <i>n</i> -Nonane	43.6		50.0		87.1	69-135			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/1/2026 9:08:07AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2618080-BLK1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Chloride	ND	20.0							
LCS (2618080-BS1)					Prepared: 04/29/26 Analyzed: 04/29/26				
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2618080-MS1)					Source: E604321-21		Prepared: 04/29/26 Analyzed: 04/29/26		
Chloride	331	20.0	250	64.3	107	80-120			
Matrix Spike Dup (2618080-MSD1)					Source: E604321-21		Prepared: 04/29/26 Analyzed: 04/29/26		
Chloride	327	20.0	250	64.3	105	80-120	1.01	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	05/01/26 09:08

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client Information				Invoice Information				Lab Use Only						TAT				State			
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.				Lab WO#		Job Number				1D	2D	3D	Std	NM	CO	UT	TX
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E 404329		01058-0007							X	x			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220																	
Address: 13000 W County Rd 100				Phone: 575-885-7502																	
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com																	
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED																	
Email: geo@etechnv.com				LOC : PN: 21975; IN: nMLB0704337034																	
Sample Information																					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	RCRA 8 Metals	BGDQC - NM	BGDQC - TX	SDWA	CWA	RCRA	Remarks		
9:13	4/23/26	S	1	SW01	0.5'	1									X					3.0	
9:15	4/23/26	S	1	SW02	0.5'	2									X					2.0	
Additional Instructions:																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Savana Anderson																					
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y/N									
Michelle Gonzales		4-24-26		1530		Michelle Gonzales		4-24-26		1530											
Marissa Gonzales		4-24-26		1945		Johnny Archuleta		4-24-26		1945											
Johnny Archuleta		4-24-26		2300		Nae Sae		4-23-26		0600											
Sample Matrix: S - Soil, sd - Solid, sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Envirotech Analytical Laboratory

Printed: 4/27/2026 10:09:34AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	04/27/26 06:00	Work Order ID:	E604329
Phone:	(575) 200-6754	Date Logged In:	04/24/26 16:41	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	05/01/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

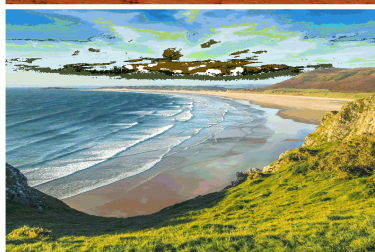
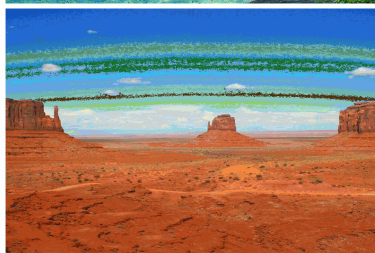
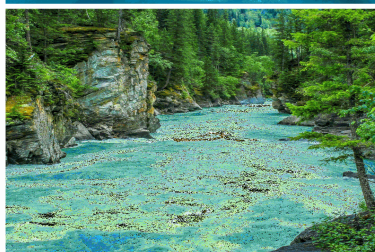
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Anna Byers



5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E605143

Job Number: 01058-0007

Received: 5/15/2026

Revision: 3

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/29/26

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 5/29/26



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E605143
Date Received: 5/15/2026 7:15:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/15/2026 7:15:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Sample Summary

WPX Energy - Carlsbad 5315 Buena Vista Dr Carlsbad NM, 88220	Project Name: Ram Ewe Federal #003 Project Number: 01058-0007 Project Manager: Anna Byers	Reported: 05/29/26 13:22
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW02 0-6'	E605143-01A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
SW03 0-6'	E605143-02A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
SW04 0-6'	E605143-03A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
SW05 0-5'	E605143-04A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
SW06 0-5'	E605143-05A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
SW07 0-5'	E605143-06A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
FS04 5-6'	E605143-07A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
FS05 5-6'	E605143-08A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
FS06 6'	E605143-09A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
FS07 6'	E605143-10A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
FS08 6'	E605143-11A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
FS09 5'	E605143-12A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.
FS10 5'	E605143-13A	Soil	05/13/26	05/15/26	Glass Jar, 2 oz.



Case Narrative:

Project Name: Ram Ewe Federal #003

Workorder:E605143

Date Received: 05/15/26 07:15

The client requested the following sample(s) to be re-extracted and re-analyzed:

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Analysis</u>
FS06 6'	E605143-09A	DRO/ORO by 8015

The analytical test results summarized in this revised report represent this re-extraction and re-analysis.

If you have any questions regarding this report please feel free to contact Envirotech Inc.

Respectfully,

Walter Hinchman



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

SW02 0-6'

E605143-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2620125
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/26	05/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/15/26	
<i>Surrogate: n-Nonane</i>						
	93.3 %	69-135		05/15/26	05/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2620132
Chloride	232	100	5	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

SW03 0-6'

E605143-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2620125
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/26	05/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/15/26	
<i>Surrogate: n-Nonane</i>						
	93.6 %	69-135		05/15/26	05/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2620132
Chloride	432	200	10	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

SW04 0-6'

E605143-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.8 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	111 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2620125	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/26	05/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/15/26	
<i>Surrogate: n-Nonane</i>	92.5 %	69-135		05/15/26	05/15/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2620132	
Chloride	215	200	10	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

SW05 0-5'

E605143-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.1 %	70-130	05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		111 %	70-130	05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2620125
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/26	05/15/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/15/26	
<i>Surrogate: n-Nonane</i>						
		93.3 %	69-135	05/15/26	05/15/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2620132
Chloride	ND	200	10	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

SW06 0-5'

E605143-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2620125
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/26	05/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/16/26	
<i>Surrogate: n-Nonane</i>						
	95.7 %	69-135		05/15/26	05/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2620132
Chloride	336	20.0	1	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

SW07 0-5'

E605143-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.3 %	70-130	05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		110 %	70-130	05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2620125	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/26	05/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/16/26	
<i>Surrogate: n-Nonane</i>		90.7 %	69-135	05/15/26	05/16/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2620132	
Chloride	537	20.0	1	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

FS04 5-6'

E605143-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2620125
Diesel Range Organics (C10-C28)	54.6	25.0	1	05/15/26	05/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/16/26	
<i>Surrogate: n-Nonane</i>						
	94.6 %	69-135		05/15/26	05/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2620132
Chloride	ND	100	5	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

FS05 5-6'

E605143-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		90.8 %	70-130	05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		109 %	70-130	05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2620125	
Diesel Range Organics (C10-C28)	34.4	25.0	1	05/15/26	05/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/16/26	
<i>Surrogate: n-Nonane</i>		96.9 %	69-135	05/15/26	05/16/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2620132	
Chloride	326	40.0	2	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

FS06 6'

E605143-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2622029
Diesel Range Organics (C10-C28)	52.4	25.0	1	05/27/26	05/27/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/27/26	05/27/26	
<i>Surrogate: n-Nonane</i>						
	73.5 %	69-135		05/27/26	05/27/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2620132
Chloride	ND	100	5	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

FS07 6'

E605143-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.9 %	70-130	05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		110 %	70-130	05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2620125	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/26	05/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/16/26	
<i>Surrogate: n-Nonane</i>		91.9 %	69-135	05/15/26	05/16/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2620132	
Chloride	ND	200	10	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

FS08 6'

E605143-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.9 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	108 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2620125	
Diesel Range Organics (C10-C28)	32.7	25.0	1	05/15/26	05/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/16/26	
<i>Surrogate: n-Nonane</i>	94.0 %	69-135		05/15/26	05/16/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2620132	
Chloride	385	40.0	2	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

FS09 5'

E605143-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2620131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2620125	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/26	05/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/16/26	
<i>Surrogate: n-Nonane</i>						
	94.7 %	69-135		05/15/26	05/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2620132	
Chloride	ND	200	10	05/15/26	05/15/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
5/29/2026 1:22:16PM

FS10 5'

E605143-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Benzene	ND	0.0250	1	05/15/26	05/16/26	
Ethylbenzene	ND	0.0250	1	05/15/26	05/16/26	
Toluene	ND	0.0250	1	05/15/26	05/16/26	
o-Xylene	ND	0.0250	1	05/15/26	05/16/26	
p,m-Xylene	ND	0.0500	1	05/15/26	05/16/26	
Total Xylenes	ND	0.0250	1	05/15/26	05/16/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.5 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2620131
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/26	05/16/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		05/15/26	05/16/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2620125
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/26	05/16/26	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/26	05/16/26	
<i>Surrogate: n-Nonane</i>						
	92.9 %	69-135		05/15/26	05/16/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2620132
Chloride	ND	200	10	05/15/26	05/15/26	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/29/2026 1:22:16PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2620131-BLK1)

Prepared: 05/15/26 Analyzed: 05/16/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130			

LCS (2620131-BS1)

Prepared: 05/15/26 Analyzed: 05/16/26

Benzene	4.40	0.0250	5.00		87.9	70-130			
Ethylbenzene	4.23	0.0250	5.00		84.7	70-130			
Toluene	4.35	0.0250	5.00		87.1	70-130			
o-Xylene	4.24	0.0250	5.00		84.9	70-130			
p,m-Xylene	8.61	0.0500	10.0		86.1	70-130			
Total Xylenes	12.9	0.0250	15.0		85.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			

Matrix Spike (2620131-MS1)

Source: E605143-07

Prepared: 05/15/26 Analyzed: 05/16/26

Benzene	4.21	0.0250	5.00	ND	84.2	70-130			
Ethylbenzene	4.04	0.0250	5.00	ND	80.8	70-130			
Toluene	4.17	0.0250	5.00	ND	83.3	70-130			
o-Xylene	4.06	0.0250	5.00	ND	81.3	70-130			
p,m-Xylene	8.22	0.0500	10.0	ND	82.2	70-130			
Total Xylenes	12.3	0.0250	15.0	ND	81.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			

Matrix Spike Dup (2620131-MSD1)

Source: E605143-07

Prepared: 05/15/26 Analyzed: 05/16/26

Benzene	4.48	0.0250	5.00	ND	89.7	70-130	6.37	20	
Ethylbenzene	4.30	0.0250	5.00	ND	86.0	70-130	6.23	20	
Toluene	4.43	0.0250	5.00	ND	88.6	70-130	6.07	20	
o-Xylene	4.33	0.0250	5.00	ND	86.7	70-130	6.46	20	
p,m-Xylene	8.73	0.0500	10.0	ND	87.3	70-130	6.04	20	
Total Xylenes	13.1	0.0250	15.0	ND	87.1	70-130	6.18	20	
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.6	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/29/2026 1:22:16PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2620131-BLK1)

Prepared: 05/15/26 Analyzed: 05/16/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.96		8.00		112	70-130			

LCS (2620131-BS2)

Prepared: 05/15/26 Analyzed: 05/16/26

Gasoline Range Organics (C6-C10)	52.9	20.0	50.0		106	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.08		8.00		113	70-130			

Matrix Spike (2620131-MS2)

Source: E605143-07

Prepared: 05/15/26 Analyzed: 05/16/26

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0	ND	104	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.84		8.00		111	70-130			

Matrix Spike Dup (2620131-MSD2)

Source: E605143-07

Prepared: 05/15/26 Analyzed: 05/16/26

Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	60-137	2.24	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.96		8.00		112	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/29/2026 1:22:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2620125-BLK1)

Prepared: 05/15/26 Analyzed: 05/15/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	45.3		50.0		90.5	69-135			

LCS (2620125-BS1)

Prepared: 05/15/26 Analyzed: 05/15/26

Diesel Range Organics (C10-C28)	232	25.0	250		92.7	70-131			
Surrogate: <i>n</i> -Nonane	45.3		50.0		90.6	69-135			

Matrix Spike (2620125-MS1)

Source: E605142-03

Prepared: 05/15/26 Analyzed: 05/15/26

Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	62-151			
Surrogate: <i>n</i> -Nonane	48.3		50.0		96.7	69-135			

Matrix Spike Dup (2620125-MSD1)

Source: E605142-03

Prepared: 05/15/26 Analyzed: 05/15/26

Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.5	62-151	4.79	20	
Surrogate: <i>n</i> -Nonane	46.3		50.0		92.5	69-135			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/29/2026 1:22:16PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2622029-BLK1)

Prepared: 05/27/26 Analyzed: 05/27/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.7		50.0		93.3	69-135			

LCS (2622029-BS1)

Prepared: 05/27/26 Analyzed: 05/28/26

Diesel Range Organics (C10-C28)	234	25.0	250		93.5	70-131			
Surrogate: n-Nonane	45.2		50.0		90.3	69-135			

Matrix Spike (2622029-MS1)

Source: E605243-02

Prepared: 05/27/26 Analyzed: 05/28/26

Diesel Range Organics (C10-C28)	336	25.0	250	95.5	96.2	62-151			
Surrogate: n-Nonane	45.4		50.0		90.8	69-135			

Matrix Spike Dup (2622029-MSD1)

Source: E605243-02

Prepared: 05/27/26 Analyzed: 05/28/26

Diesel Range Organics (C10-C28)	335	25.0	250	95.5	95.6	62-151	0.434	20	
Surrogate: n-Nonane	44.7		50.0		89.4	69-135			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	5/29/2026 1:22:16PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2620132-BLK1)					Prepared: 05/15/26 Analyzed: 05/15/26				
Chloride	ND	20.0							
LCS (2620132-BS1)					Prepared: 05/15/26 Analyzed: 05/15/26				
Chloride	260	20.0	250		104	90-110			
Matrix Spike (2620132-MS1)					Source: E605143-06		Prepared: 05/15/26 Analyzed: 05/15/26		
Chloride	825	20.0	250	537	115	80-120			
Matrix Spike Dup (2620132-MSD1)					Source: E605143-06		Prepared: 05/15/26 Analyzed: 05/15/26		
Chloride	777	20.0	250	537	95.8	80-120	6.03	20	

QC Summary Report Comment:
Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures.
Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	05/29/26 13:22

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.		Lab WO#		Job Number				1D 2D 3D Std							
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.		E005143		01058-0007				x							
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dvn.com															
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED															
Email: geo@etechnv.com				LOC; PN: 21975; IN: nMLB0704337034															
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
10:00	5/13/26	S	1	SW02	0-6'	1								X					
10:05	5/13/26	S	1	SW03	0-6'	2								X					
10:10	5/13/26	S	1	SW04	0-6'	3								X					
10:15	5/13/26	S	1	SW05	0-5'	4								X					
10:20	5/13/26	S	1	SW06	0-5'	5								X					
12:45	5/13/26	S	1	SW07	0-5'	6								X					
10:40	5/13/26	S	1	FS04	5-6'	7								X					
10:45	5/13/26	S	1	FS05	5-6'	8								X					
10:50	5/13/26	S	1	FS06	6'	9								X					
10:55	5/13/26	S	1	FS07	6'	10								X					
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Savana Anderson																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: O/N							
Michelle Gonzalez		5-14-26		1600		Michelle Gonzalez		5-14-26		1600									
Marissa Gonzalez		5-14-26		2020		Marissa Gonzalez		5-14-26		2020									
Nathan Gonzalez		5-14-26		2359		Nathan Gonzalez		5-14-26		715									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E 6005143		01058-0007					X	x			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@divn.com															
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED															
Email: geo@etechev.com				LOC ; PN: 21975; IN: nMLB0704337034															
Sample Information												Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
11:00	5/13/26	S	1	F508	6'	11								X					
10:30	5/13/26	S	1	F509	5'	12								X					
10:35	5/13/26	S	1	F510	5'	13								X					
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Savana Anderson																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received or ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.			
Michelle Gonzales		05/13/2026	13:45	Michelle Gonzales		5-14-26	1015	Michelle Gonzales		5-14-26	1600	Michelle Gonzales		5-14-26	2020				
Michelle Gonzales		5-14-26	1600	Michelle Gonzales		5-14-26	1600	Michelle Gonzales		5-14-26	2020	Michelle Gonzales		5-14-26	2020				
Michelle Gonzales		5-14-26	2020	Michelle Gonzales		5-14-26	2020	Michelle Gonzales		5-14-26	2020	Michelle Gonzales		5-14-26	2020				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only			
Nathan Gonzales		5-14-26	2359	Cath Mars		5-15-26	715	Nathan Gonzales		5-14-26	2020	Nathan Gonzales		5-14-26	2020	Received on ice:			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Y/N			
Nathan Gonzales		5-14-26	2359	Cath Mars		5-15-26	715	Nathan Gonzales		5-14-26	2020	Nathan Gonzales		5-14-26	2020	Y			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 5/15/2026 9:57:13AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	WPX Energy - Carlsbad	Date Received:	05/15/26 07:15	Work Order ID:	E605143
Phone:	(575) 200-6754	Date Logged In:	05/14/26 16:18	Logged In By:	Noe Soto
Email:	anna@etechnv.com	Due Date:	05/21/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



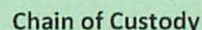
envirotech Inc.



Chain of Custody

Page 1 of 2

Client Information				Invoice Information		Lab Use Only		TAT				State								
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.		F205143	01058.0007				X	x								
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220																
Address: 13000 W County Rd 100				Phone: 575-885-7502																
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dnv.com																
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED																
Email: geo@etechnv.com				LOC : PN: 21975; IN: nMLB0704337034																
Sample Information						Analysis and Method								EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCO 1005 - TX	RCRA 8 Metals	RGDOC - NM	RGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
10:00	5/13/26	S	1	SW02	0'-	1								X			2.9			Client req
10:05	5/13/26	S	1	SW03	0'-	2								X			1.9			Deo rerun
10:10	5/13/26	S	1	SW04	0'-	3								X			0.1			on # 9
10:15	5/13/26	S	1	SW05	0'-	4								X			1.3			Per CN
10:20	5/13/26	S	1	SW06	0'-	5								X			2.3			01/21/26
12:45	5/13/26	S	1	SW07	0'-	6								X			1.9			AM
10:40	5/13/26	S	1	FS04	5'-	7								X			1.1			
10:45	5/13/26	S	1	FS05	5'-	8								X			1.1			Client requested 2nd
10:50	5/13/26	S	1	FS06	6'	9	X							X			1.3			re-extract
10:55	5/13/26	S	1	FS07	6'	10								X			3.5			for #9. NS 5-26-26
Additional Instructions:																				
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																				
Sampled by: Savana Anderson																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: 0/N								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

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Report to:
Anna Byers



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

WPX Energy - Carlsbad

Project Name: Ram Ewe Federal #003

Work Order: E606128

Job Number: 01058-0007

Received: 6/12/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/17/26

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/17/26



Anna Byers
5315 Buena Vista Dr
Carlsbad, NM 88220

Project Name: Ram Ewe Federal #003
Workorder: E606128
Date Received: 6/12/2026 8:00:00AM

Anna Byers,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/12/2026 8:00:00AM, under the Project Name: Ram Ewe Federal #003.

The analytical test results summarized in this report with the Project Name: Ram Ewe Federal #003 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	06/17/26 16:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SC01 0-0.25'	E606128-01A	Soil	06/11/26	06/12/26	Glass Jar, 2 oz.
SC02 0-0.25'	E606128-02A	Soil	06/11/26	06/12/26	Glass Jar, 2 oz.
SC03 0-0.25'	E606128-03A	Soil	06/11/26	06/12/26	Glass Jar, 2 oz.



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
6/17/2026 4:37:28PM

SC01 0-0.25'

E606128-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2624103	
Benzene	ND	0.0250	1	06/12/26	06/13/26	
Ethylbenzene	ND	0.0250	1	06/12/26	06/13/26	
Toluene	ND	0.0250	1	06/12/26	06/13/26	
o-Xylene	ND	0.0250	1	06/12/26	06/13/26	
p,m-Xylene	ND	0.0500	1	06/12/26	06/13/26	
Total Xylenes	ND	0.0250	1	06/12/26	06/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	06/12/26	06/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2624103	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/26	06/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	06/12/26	06/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2624106	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/26	06/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/26	06/13/26	
<i>Surrogate: n-Nonane</i>		97.8 %	69-135	06/12/26	06/13/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2624114	
Chloride	36.6	20.0	1	06/12/26	06/13/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
6/17/2026 4:37:28PM

SC02 0-0.25'

E606128-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: MB		Batch: 2624103	
Benzene	ND	0.0250	1	06/12/26	06/13/26	
Ethylbenzene	ND	0.0250	1	06/12/26	06/13/26	
Toluene	ND	0.0250	1	06/12/26	06/13/26	
o-Xylene	ND	0.0250	1	06/12/26	06/13/26	
p,m-Xylene	ND	0.0500	1	06/12/26	06/13/26	
Total Xylenes	ND	0.0250	1	06/12/26	06/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	06/12/26	06/13/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: MB		Batch: 2624103	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/26	06/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	06/12/26	06/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2624106	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/26	06/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/26	06/13/26	
<i>Surrogate: n-Nonane</i>		96.6 %	69-135	06/12/26	06/13/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2624114	
Chloride	ND	20.0	1	06/12/26	06/13/26	



Sample Data

WPX Energy - Carlsbad
5315 Buena Vista Dr
Carlsbad NM, 88220

Project Name: Ram Ewe Federal #003
Project Number: 01058-0007
Project Manager: Anna Byers

Reported:
6/17/2026 4:37:28PM

SC03 0-0.25'

E606128-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: MB		Batch: 2624103
Benzene	ND	0.0250	1	06/12/26	06/13/26	
Ethylbenzene	ND	0.0250	1	06/12/26	06/13/26	
Toluene	ND	0.0250	1	06/12/26	06/13/26	
o-Xylene	ND	0.0250	1	06/12/26	06/13/26	
p,m-Xylene	ND	0.0500	1	06/12/26	06/13/26	
Total Xylenes	ND	0.0250	1	06/12/26	06/13/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	06/12/26	06/13/26	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: MB		Batch: 2624103
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/26	06/13/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	06/12/26	06/13/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2624106
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/26	06/13/26	
Oil Range Organics (C28-C36)	ND	50.0	1	06/12/26	06/13/26	
<i>Surrogate: n-Nonane</i>						
		98.5 %	69-135	06/12/26	06/13/26	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2624114
Chloride	ND	20.0	1	06/12/26	06/13/26	



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	6/17/2026 4:37:28PM

Volatile Organics by EPA 8021B

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2624103-BLK1)

Prepared: 06/12/26 Analyzed: 06/13/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.34		8.00		104	70-130			

LCS (2624103-BS1)

Prepared: 06/12/26 Analyzed: 06/13/26

Benzene	4.67	0.0250	5.00		93.4	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.2	70-130			
Toluene	4.57	0.0250	5.00		91.4	70-130			
o-Xylene	4.49	0.0250	5.00		89.9	70-130			
p,m-Xylene	8.97	0.0500	10.0		89.7	70-130			
Total Xylenes	13.5	0.0250	15.0		89.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.25		8.00		103	70-130			

Matrix Spike (2624103-MS1)

Source: E606131-23

Prepared: 06/12/26 Analyzed: 06/13/26

Benzene	4.43	0.0250	5.00	ND	88.7	70-130			
Ethylbenzene	4.23	0.0250	5.00	ND	84.6	70-130			
Toluene	4.33	0.0250	5.00	ND	86.7	70-130			
o-Xylene	4.29	0.0250	5.00	ND	85.7	70-130			
p,m-Xylene	8.50	0.0500	10.0	ND	85.0	70-130			
Total Xylenes	12.8	0.0250	15.0	ND	85.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

Matrix Spike Dup (2624103-MSD1)

Source: E606131-23

Prepared: 06/12/26 Analyzed: 06/13/26

Benzene	4.98	0.0250	5.00	ND	99.6	70-130	11.6	20	
Ethylbenzene	4.77	0.0250	5.00	ND	95.3	70-130	11.9	20	
Toluene	4.87	0.0250	5.00	ND	97.3	70-130	11.6	20	
o-Xylene	4.76	0.0250	5.00	ND	95.2	70-130	10.5	20	
p,m-Xylene	9.56	0.0500	10.0	ND	95.6	70-130	11.7	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.5	70-130	11.3	20	
Surrogate: 4-Bromochlorobenzene-PID	8.27		8.00		103	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	6/17/2026 4:37:28PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: MB

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2624103-BLK1)

Prepared: 06/12/26 Analyzed: 06/13/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.6	70-130			

LCS (2624103-BS2)

Prepared: 06/12/26 Analyzed: 06/13/26

Gasoline Range Organics (C6-C10)	38.2	20.0	50.0		76.5	62-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			

Matrix Spike (2624103-MS2)

Source: E606131-23

Prepared: 06/12/26 Analyzed: 06/13/26

Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.6	60-137			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.1	70-130			

Matrix Spike Dup (2624103-MSD2)

Source: E606131-23

Prepared: 06/12/26 Analyzed: 06/13/26

Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	ND	84.2	60-137	2.81	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.5	70-130			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	6/17/2026 4:37:28PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2624106-BLK1)

Prepared: 06/12/26 Analyzed: 06/12/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	47.6		50.0		95.2	69-135			

LCS (2624106-BS1)

Prepared: 06/12/26 Analyzed: 06/12/26

Diesel Range Organics (C10-C28)	236	25.0	250		94.2	70-131			
Surrogate: <i>n</i> -Nonane	45.9		50.0		91.9	69-135			

Matrix Spike (2624106-MS1)

Source: E606122-05

Prepared: 06/12/26 Analyzed: 06/12/26

Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.6	62-151			
Surrogate: <i>n</i> -Nonane	46.6		50.0		93.3	69-135			

Matrix Spike Dup (2624106-MSD1)

Source: E606122-05

Prepared: 06/12/26 Analyzed: 06/12/26

Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.3	62-151	2.31	20	
Surrogate: <i>n</i> -Nonane	46.6		50.0		93.3	69-135			



QC Summary Data

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	Reported:
5315 Buena Vista Dr	Project Number:	01058-0007	
Carlsbad NM, 88220	Project Manager:	Anna Byers	6/17/2026 4:37:28PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2624114-BLK1)

Prepared: 06/12/26 Analyzed: 06/12/26

Chloride ND 20.0

LCS (2624114-BS1)

Prepared: 06/12/26 Analyzed: 06/12/26

Chloride 257 20.0 250 103 90-110

Matrix Spike (2624114-MS1)

Source: E606129-02

Prepared: 06/12/26 Analyzed: 06/12/26

Chloride 257 20.0 250 ND 103 80-120

Matrix Spike Dup (2624114-MSD1)

Source: E606129-02

Prepared: 06/12/26 Analyzed: 06/12/26

Chloride 256 20.0 250 ND 102 80-120 0.368 20

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

WPX Energy - Carlsbad	Project Name:	Ram Ewe Federal #003	
5315 Buena Vista Dr	Project Number:	01058-0007	Reported:
Carlsbad NM, 88220	Project Manager:	Anna Byers	06/17/26 16:37

- ND Analyte NOT DETECTED at or above the reporting limit
 - NR Not Reported
 - RPD Relative Percent Difference
 - DNI Did Not Ignite
 - DNR Did not react with the addition of acid or base.
- Note (1): Methods marked with ** are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: WPX Energy Permian, LLC.				Company: WPX Energy Permian, LLC.				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Ram Ewe Federal #003				Address: 5315 Buena Vista Dr.				E606128		01058-0057					X	x			
Project Manager: Anna Byers				City, State, Zip: Carlsbad, NM, 88220															
Address: 13000 W County Rd 100				Phone: 575-885-7502															
City, State, Zip: Odessa, TX, 79765				Email: jim.raley@dv.com															
Phone: 432-305-6415				Miscellaneous: CC:1094698801 - NM LEGACY ABANDONED															
Email: geo@etechnv.com				LOC; PN: 21975; IN: nMLB0704337034															
Sample Information												Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Depth	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
7:25	6/11/25	S	1	SC01	0-0.25'	1								X					
7:30	6/11/25	S	1	SC02	0-0.25'	2								X					
7:35	6/11/25	S	1	SC03	0-0.25'	3								X					
Additional Instructions:																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Savana Anderson																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Relinquished by: (Signature)		Date		Time		Received by: (Signature)	
Michelle Gonzales		6/11/2026		09:05		Michelle Gonzales		6-11-26		0905		Michelle Gonzales		6-11-26		1530		Michelle Gonzales	
Michelle Gonzales		6-11-24		1530		Marissa Gonzales		6-11-26		1530		Marissa Gonzales		6-11-26		1950		Johnny Archuleta	
Marissa Gonzales		6-11-26		1950		Johnny Archuleta		6-11-26		1950		Johnny Archuleta		6-11-26		2345		Cath Mar	
Johnny Archuleta		6-11-26		2345		Cath Mar		6-12-26		800		Cath Mar		6-12-26		800		Cath Mar	
Cath Mar		6-12-26		800		Cath Mar		6-12-26		800		Cath Mar		6-12-26		800		Cath Mar	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA				Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 6/12/2026 10:02:41AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.**If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.**

Client:	WPX Energy - Carlsbad	Date Received:	06/12/26 08:00	Work Order ID:	E606128
Phone:	(575) 200-6754	Date Logged In:	06/11/26 15:38	Logged In By:	Caitlin Mars
Email:	anna@etechnv.com	Due Date:	06/18/26 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? Yes

Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling

13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

| Appendix H

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

Seed Mixture 1 for Loamy Sites

Holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed shall be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed shall be either certified or registered seed. The seed container shall be tagged in accordance with State law(s) and available for inspection by the Authorized Officer.

Seed shall be planted using a drill equipped with a depth regulator to ensure proper depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture shall be evenly and uniformly planted over the disturbed area (small/heavier seeds have a tendency to drop the bottom of the drill and are planted first). Holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre shall be doubled. The seeding shall be repeated until a satisfactory stand is established as determined by the Authorized Officer. Evaluation of growth may not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains lovegrass (<i>Eragrostis intermedia</i>)	0.5
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sideoats grama (<i>Bouteloua curtipendula</i>)	5.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

| Appendix I

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

HoldAll®
Decorative Plant Accessories

40 TESTS
DIRECTIONS INSIDE

SOIL TEST KIT



Plants & Flowers



Grasses & Lawns



Fruits & Veggies



Trees & Shrubs

757860

HoldAll®
Decorative Plant Accessories

757860

SOIL TEST KIT

Tests Your Soil for a Healthy Garden

• pH • Nitrogen(N) • Phosphorus(P) • Potassium(K) •

PREPARING YOUR SOIL SAMPLES

For lawns, annuals or house plants, take the soil sample from about 2-3" below the surface. For perennials especially shrubs, vegetables and fruit, the sample should be from 4" deep.

Avoid touching the soil with your hands. Test different areas of your soil, as it may differ according to past cultivation, underlying soil differences or a localized condition. It is preferable to make individual tests on several samples from different areas, than to mix the samples together.

Place your soil sample into a clean container. Break the sample up with the trowel or spoon and allow it to dry out naturally. This is not essential, however it makes working with the sample easier. Remove any small stones, organic material such as grass, weeds or roots and hard particles of lime. Then crumble the sample finely and mix it thoroughly.

HOW TO TEST YOUR SOIL:

Tube caps and capsules are color-coded for simplicity:

Green = pH **Purple** = Nitrogen
Blue = Phosphorus **Orange** = Potash

pH TEST:

1. Remove cap from the green capped tube.
 2. Fill tube with soil to the first line.
 3. Carefully open a green capsule and pour powder into the tube.
 4. Add water (preferably distilled) to the fourth line.
 5. Cap tube and shake thoroughly.
 6. Allow soil to settle and color to develop for about a minute.
 7. Compare color of solution to the pH color chart.
- Repeat for remaining capsules.



pH 7.5 - Alkaline

pH 7.0 - Neutral

pH 6.5 - Slight A

pH 6.0 - Acid

pH 5.5 - Acid

pH 5.0 - Very Acid

pH 4.5 - Very Acid

NITROGEN, PHOSPHORUS & POTASH TESTS:

Fill a clean jar or can with 1 part soil and 5 parts water. Thoroughly shake or stir the soil and water together for at least one minute and then allow the mixture to stand undisturbed until it settles (30 minutes to 24 hours, dependent on soil). A fine clay soil will take much longer to settle out than a coarse sandy soil. The clarity of the solution will also vary, the clearer the better, however cloudiness will not affect the accuracy of the test.

PLANT FOOD CHART		
Nitrogen	Phosphorous	Potash
High	High	High
Medium	Medium	Medium
Low	Low	Low
Very Low	Very Low	Very Low

1. Remove the cap from the tube. (Please note that the color of the capsules should match the color of the tube cap.) Using dropper provided, fill the tube to the fourth line with liquid from your soil mixture. Avoid disturbing the sediment

2. Carefully separate the two halves of one of the capsules. Pour the powder into the tube.

3. Cap the tube and shake thoroughly. Allow color to develop for 10 minutes.

4. Compare color of solution to the appropriate portion of the plant food color chart. For best results allow daylight, not direct sunlight, to illuminate the solution. Note your results. Repeat for remaining capsules.

TO RAISE OR LOWER pH OF YOUR SOIL

Raising and lowering pH is not an exact science & most plants have a reasonably wide tolerance, certainly to within 1 pH point. Consult the pH Preference List and you will see that the majority can manage well on a pH around 6.5 but some need an alkaline soil

and some a particularly acid soil. Altering pH takes time so do not expect rapid changes; rather, work steadily towards giving a plant its ideal conditions.

ADJUSTING pH

pH can be adjusted to provide more suitable growing conditions for the different plants you wish to grow. Or, you can leave the pH of the soil as it is and select plants that like the level revealed by your test. Once you have your pH reading, check the pH Preference List for the pH levels of over 450 popular plants, trees, shrubs, vegetables and fruits. If your pH reading differs significantly from the list's recommended levels, follow instructions below for adjusting soil pH. You can correct pH at any time of the year but it

is best to start in the Fall and check progress in the Spring. After working to adjust your soil, retest for pH level in 40-60 days. If results are still significantly off, retreat your soil, not exceeding recommended application levels. Allow one month to pass between adding lime and adding fertilizers.

SOIL TYPES

Sandy Soils: A light, coarse soil comprised of crumbling and alluvial debris.
Loam Soils: A medium friable soil, consisting of a blend of coarse (sand) alluvium and fine (clay) particles mixed within fairly broad limits with a little lime and humus.
Clay Soils: A heavy, clinging, impermeable

soil, comprised of very fine particles with little lime and humus and tending to be waterlogged in winter and very dry in summer.

ADJUSTING SOIL pH - HOW MUCH TO APPLY

Material	phChange	Sandy	Loamy	Clay
Dolomitic or Calcic Limestone	+0.5 unit (0.5 pH)	2.5	2.5	2.5
	+1.0 unit (1.0 pH)	5.0	5.0	5.0
Hydrated Lime	+0.5 unit (0.5 pH)	1.25 - 2.0	1.25 - 2.0	1.25 - 2.0
	+1.0 unit (1.0 pH)	3.5 - 4.0	3.5 - 4.0	3.5 - 4.0
Iron Sulfate	-0.5 unit (0.5 pH)	0.75	0.75	0.75
	-1.0 unit (1.0 pH)	1.5	1.5	1.5
Aluminum Sulfate	-0.5 unit (0.5 pH)	0.5 - 0.75	0.5 - 0.75	0.5 - 0.75
	-1.0 unit (1.0 pH)	1 - 1.25	1 - 1.25	1 - 1.25

Amounts listed are pounds per 100 square feet. Do not add more than 5lbs. of lime or sulfur in one application.

FERTILIZER RECOMMENDATIONS

FEEDING PRIOR TO PLANTING

Adequate reserves of plant food should be available in the soil before planting vegetables, preparing a seed or flower bed, sodding or seeding a lawn, or planting shrubs and trees. To make up any deficiencies, apply fertilizers from the following chart according to your soil test result.

TEST RESULTS	Very Low	Low	Medium	High
Nitrogen Fertilizers (%N)				
Dried Blood (11%)	36	19	6	N/A
Nitrate of Soda (16%)	27	14	3	N/A
Phosphate Fertilizers (%P)				
Bone Meal (19%)	27	14	6	N/A
Triple Superphosphate (46%)	10.25	5.25-5.5	2.25	N/A
Potash Fertilizers (%K)				
Muriate of Potash (60%)	8.75-9	4.75-5	2.25-2.5	N/A

Amounts listed are ounces per 100 square feet. (Ounces referred to are by weight)

FEEDING ESTABLISHED PLANTS AND BEDS

Based on your test results, apply the appropriate fertilizer(s) in the amounts recommended in the following chart.

RECOMMENDATIONS FOR N, P AND K RESULTS

	Very Low			Low			Medium		
	N	P	K	N	P	K	N	P	K
Lawn	22.0-22.5	0.75-1.0	4.75-5.0	14.0-14.5	1.0-1.5	2.25-2.5	3.75-4.0	0	0
Fruit	14.0-14.5	6.5	13.5-14.0	7.75-8.0	4.0-4.25	8.75-9.0	3.75-4.0	2.25	4.75-5.0
Flower	14.0-14.25	6.5	13.5-14.0	7.75-8.0	4.0-4.25	8.75-9.0	3.75-4.0	2.25	4.75-5.0
Shrubs (flowering)	14.0-14.25	8.25-8.5	13.5-14.0	7.75-8.0	4.0-4.25	8.75-9.0	3.75-4.0	1.0-1.25	4.75-5.0
Shrubs (foliage)	22.0-22.5	10.5-10.75	8.75-9.0	14.0-14.5	5.25-5.5	4.75-5.0	3.75-4.0	2.25	2.25-2.5
Veggies (root)	14.0-14.25	12.0-12.25	8.75-9.0	14.0-14.5	5.25-5.5	4.75-5.0	3.75-4.0	3.0	2.25-2.5
Veggies (leafy)	28.25-29.0	10.25	8.75-9.0	14.0-14.5	5.25-5.5	4.75-5.0	7.75-8.0	2.25	2.25-2.5
Tree	14.0-14.5	10.25	8.75-9.0	7.75-8.0	5.25-5.5	4.75-5.0	3.75-4.0	2.25	2.25-2.5
General Feed	22.0-22.5	8.25-8.5	8.75-9.0	10.5-11.0	4.0-4.25	4.75-5.0	3.75-4.0	1.0-1.25	2.25-2.5

	High		
	N	P	K
Lawn	N/A	N/A	N/A
Fruit	N/A	N/A	N/A
Flower	N/A	N/A	N/A
Shrubs (flowering)	N/A	N/A	N/A
Shrubs (foliage)	N/A	N/A	N/A
Veggies (root)	N/A	N/A	N/A
Veggies (leafy)	N/A	N/A	N/A
Tree	N/A	N/A	N/A
General Feed	N/A	N/A	N/A

The recommendations are based on the following fertilizers sources: Nitrate of Soda (16% N), Triple Superphosphate (46% P₂O₅) and Muriate of Potassium (60% K₂O). The amounts listed are in oz. /100 sq. ft. (Ounces referred to are by weight, not volume.) If you wish to use other fertilizer, simply check the package for the percentage of nutrients for N, P, & K and adjust the application level accordingly.

SPECIAL RECOMMENDATIONS FOR LAWNS

For a new lawn, pay special attention to soil preparation before planting. Proper soil preparation for any size lawn will have a significant impact on the amount of water and care it demands in the future. Till the soil to a depth of at least 12" and incorporate plenty of organic material (9" or more). Test your soil for pH and adjust to the levels recommended on pH Preference List for your type of grass. Refer to the Adjusting Soil pH chart for recommended lime or sulfate applications.

For established lawns, Nitrogen is the most essential nutrient to promote lush growth and deep, green color. Phosphorus and Potassium, in lesser quantities, are also important for strong root formation and growth. Compound fertilizers will supply all 3 nutrients, or you can select an individual fertilizer, such as Nitrate of Soda. The following chart gives recommended application levels specifically for lawns, based on your Nitrogen soil test results.

RECOMMENDATIONS FOR LAWNS

Fertilizer Type	Very Low	Low
24-4-4	4.0 lbs.	2.0 lbs.
24-3-4	3.1 lbs.	1.55 lbs.
30-4-4	3.0 lbs.	1.5 lbs.

	Medium	High
24-4-4	1.0 lbs.	N/A
24-3-4	.77 lbs.	N/A
30-4-4	.75 lbs.	N/A

Amounts listed are pounds per 1000 square feet.

SAFETY & HYGIENE

Dispose of test solutions by rinsing down the sink. Empty gelatin capsules should be disposed of immediately with household waste. Wash the test tubes and caps in warm, soapy water immediately after each use. Make sure any sediment or color staining is removed. Rinse well and dry. Each bag of capsules should be stored inside the blister. Fit the caps on each test tube. Place all components back into the package. The blister pack has been specially designed to be reused as a storage container.

Store your kit in clean, dry conditions, indoors. The powders are safe in normal domestic terms but like all chemicals and pharmaceuticals, they should be put away and kept out of reach of children. Try to avoid touching the powders. Always wash your hands thoroughly after making your tests. Do not eat, drink or smoke while using the soil test kit. Keep powders away from food, drink and animal feed. If taken internally, drink copious amounts of water and seek medical advice.

CAUTIONS

Where a lot of fertilizer is needed to correct one plant food, divide the applications over several weeks. Do not add lime and fertilizer together; lime first. Allow at least one month to pass before applying fertilizer. Retest 30 days after applying fertilizer.

HoldAll®

Decorative Plant Accessories

Plant pH Preference List

NAME	pH	NAME	pH	NAME	pH	NAME	pH	NAME	pH
FRUIT		VEGETABLES AND HERBS		HOUSE and GREENHOUSE PLANTS		FLOWERS, TREES AND SHRUBS		FLOWERS, TREES AND SHRUBS	
APPLE	5.0 - 6.5	SAGE	5.5 - 6.5	GENISTA	6.5 - 7.5	ASPERULA	6.0 - 8.0	LAUREL	6.5 - 7.5
APRICOT	6.0 - 7.0	SHALLOT	5.5 - 7.0	GERANIUM	6.0 - 8.0	ASPHODOLINE	6.0 - 8.0	LAVENDER	6.5 - 7.5
AVOCADO	6.0 - 7.5	SORGHUM	5.5 - 7.5	GLOXINIA	5.5 - 6.5	ASTER	5.5 - 7.5	LIATRIS	5.5 - 7.5
BANANA	5.0 - 7.0	SOYBEAN	5.5 - 6.5	GRAPE IVY	5.0 - 6.5	AUBRITA	6.0 - 7.5	LIGUSTRUM	5.0 - 7.5
BLACKBERRY	5.0 - 6.0	SPEARMINT	5.5 - 7.5	GRAPE HYACINTH	6.0 - 7.5	AZALEA	4.5 - 6.0	LILAC	6.0 - 7.5
BLUEBERRY	4.0 - 6.0	SPINACH	6.0 - 7.5	GREVILLEA	5.5 - 6.5	BALLOON FLOWER	6.0 - 6.5	LILY OF THE VALLEY	4.5 - 6.0
CANTALOUPE	6.5 - 7.5	SWEDE	5.0 - 7.0	GYNURA	5.5 - 6.5	BAYBERRY	4.0 - 6.0	LITHOSPERMUM	5.0 - 6.5
CHERRY	6.0 - 7.5	THYME	5.5 - 7.0	HEDERA (IVY)	6.0 - 8.0	BERGENIA	6.0 - 7.5	LOBELIA	6.5 - 7.5
CRANBERRY	5.5 - 6.5	TOMATO	5.5 - 7.5	HELIOTROPIUM	5.0 - 6.0	BLEEDING HEART	6.0 - 7.5	LUPINUS	5.5 - 7.0
CURRENT: Black	6.0 - 8.0	TURNIP	5.5 - 7.0	HENS AND CHICKENS	6.0 - 7.0	BLUEBELL	6.0 - 7.6	MAGNOLIA	5.0 - 6.0
Red	5.5 - 7.0	WATER CRESS	6.0 - 8.0	HERRINGBONE PLANT	6.0 - 6.0	BROOM	5.0 - 6.0	MAHONIA	6.0 - 7.0
White	6.0 - 8.0	HOUSE and GREENHOUSE PLANTS		HIBISCUS PLANT	6.0 - 8.0	BUDDLEIA	6.0 - 7.0	MARGOLD	5.5 - 7.0
DAMSON	6.0 - 7.5	ABUTILON	5.5 - 6.5	HOYA	5.0 - 6.5	BUPHTHALUM	6.0 - 8.0	MOLINIA	4.0 - 5.0
GOOSEBERRY	5.0 - 6.5	ACORUS	5.0 - 6.5	IMPATIENS	5.5 - 6.5	BUTTERFLY BUSH	4.0 - 6.0	MORAEA	5.5 - 6.5
GRAPEVINE	6.0 - 7.0	AECHMEA	5.0 - 5.5	IVY TREE	6.0 - 7.0	CALENDULA	5.5 - 7.0	MORNING GLORY	6.0 - 7.5
GRAPEFRUIT	6.0 - 7.5	AFRICAN VIOLET	6.0 - 7.0	JACARANDA	6.0 - 7.5	CAMASSIA	6.0 - 8.0	MOSS	6.0 - 8.0
HAZELNUT	6.0 - 7.0	AGLAONEMA	5.0 - 6.0	JAPANESE SEDGE	6.0 - 8.0	CANDYTUFT	6.0 - 7.5	MOSS, SPHAGNUM	3.5 - 5.0
HOP	6.0 - 7.5	AMARYLLIS	5.5 - 6.5	JASMINUM	5.5 - 7.0	CANNA	6.0 - 8.0	MYOSOTIS	6.0 - 7.0
HUCKLEBERRY	4.0 - 6.0	ANTHURIUM	5.0 - 6.0	JERUSALEM CHERRY	5.5 - 6.5	CANTERBURY BELLS	7.0 - 7.5	NARCISSUS	6.0 - 8.5
LEMON	6.0 - 7.0	APHELANDRA	5.0 - 6.0	JESSAMONE	5.0 - 6.0	CARDINAL FLOWER	4.0 - 6.0	NASTURTIUM	5.5 - 7.5
LYCHEE	6.0 - 7.0	ARAUCARIA	5.0 - 6.0	KALANCHOE	6.0 - 7.5	CARNATION	6.0 - 7.5	NICOTIANA	5.5 - 6.5
MANGO	5.0 - 6.0	ASPARAGUS FERN	6.0 - 8.0	KANGAROO THORN	6.0 - 8.0	CATALPA	6.0 - 8.0	PACHYSANDRA	5.0 - 8.0
MELON	5.5 - 6.5	ASPIDISTRA	4.0 - 5.5	KANGAROO VINE	5.0 - 6.5	CELOSIA	6.0 - 7.0	PAEONIA	6.0 - 7.5
MULBERRY	6.0 - 7.5	AZALEA	4.5 - 6.0	LANTANA	5.5 - 7.0	CENTAUREA	5.0 - 6.5	PANSY	5.5 - 7.0
NECTARINE	6.0 - 7.5	BABY'S BREATH	6.0 - 7.5	LAURUS (BAY TREE)	5.0 - 6.0	CERASTIUM	6.0 - 7.0	PASSION FLOWER	6.0 - 8.0
PEACH	6.0 - 7.5	BABY'S TEARS	5.0 - 6.0	LEMON PLANT	6.0 - 7.5	CHRYSANTHEMUM	6.0 - 7.0	PASQUE FLOWER	5.0 - 6.0
PEAR	6.0 - 7.5	BEGONIA	5.5 - 7.0	MIMOSA	5.0 - 7.0	CISSUS	6.0 - 7.5	PAULOWNIA	6.0 - 8.0
PINEAPPLE	5.0 - 6.0	BIRD OF PARADISE	6.0 - 6.5	MIND YOUR OWN BUSINESS	5.0 - 5.5	CISTUS	6.0 - 7.5	PENSTEMON	5.5 - 7.0
PLUM	6.0 - 7.5	BISHOP'S CAP	5.0 - 6.0	MONSTERA	5.0 - 6.0	CLARKIA	6.0 - 6.5	PERIWINKLE	6.0 - 7.5
POMEGRANATE	5.5 - 6.5	BLACK-EYED SUSAN	5.5 - 7.5	MYRTLE	6.0 - 8.0	CLIANTHUS	6.0 - 7.5	PETUNIA	6.0 - 7.5
QUINCE	6.0 - 7.5	BLOOD LEAF	5.5 - 6.5	NEVER NEVER PLANT	5.0 - 6.0	CLEMATIS	5.5 - 7.0	PINKS	6.0 - 7.5
RASPBERRY	5.0 - 7.5	BOTTLEBRUSH	6.0 - 7.5	NICODEMIA (INDOOR OAK)	6.0 - 8.0	COLCHICUM	5.5 - 6.5	POLYGONUM	6.0 - 7.5
RHUBARB	5.5 - 7.0	BOUGAINVILLEA	5.5 - 7.5	NORFOLK ISLAND PINE	5.0 - 6.0	COLUMBINE	6.0 - 7.0	POLYANTHUS	6.0 - 7.5
STRAWBERRY	5.0 - 7.5	BOXWOOD	6.0 - 7.5	OLEANDER	6.0 - 7.5	CONVOLVULUS	6.0 - 8.0	POPPY	6.0 - 7.5
WATERMELON	5.5 - 6.5	BROMELIADS	5.0 - 7.5	OPLISMENUS	5.0 - 6.0	COREOPSIS	5.0 - 6.0	PORTULACA	5.5 - 7.5
VEGETABLES AND HERBS		BUTTERFLY FLOWER	6.0 - 7.5	ORCHID	4.5 - 5.5	CORONILLA	6.5 - 7.5	PRIMROSE	5.5 - 6.5
ARTICHOKE	6.5 - 7.5	CACTI	4.5 - 6.0	OXALIS	6.0 - 8.0	CORYDALIS	6.0 - 8.0	PRIMULA	6.0 - 7.5
ASPARAGUS	6.0 - 8.0	CALCAOLARIA	6.0 - 7.0	PALMS	6.0 - 7.5	COSMOS	5.0 - 8.0	PRIVET	5.0 - 7.5
BASIL	5.5 - 6.5	CALADIUM	5.0 - 6.0	PANDANUS	5.0 - 6.0	COTTONEASTER	6.0 - 8.0	PRUNELLA	6.0 - 7.5
BEAN	6.0 - 7.5	CALLA LILY	6.0 - 7.0	PEACOCK PLANT	5.0 - 6.0	CRAB APPLE	6.0 - 7.5	PRUNUS	6.5 - 7.5
(Runner, Broad, French)		CAMELIA	4.5 - 5.5	PELLIONIA	5.0 - 6.0	CROCUS	6.0 - 8.0	PYRETHRUM	6.0 - 7.5
BEETROOT	6.0 - 7.5	CAMPANULA	5.5 - 6.5	PEPEROMIA	5.0 - 6.0	CYNOGLOSSUM	6.0 - 7.5	RED HOT POKER	6.0 - 7.5
BROCCOLI	6.0 - 7.0	CAPSICUM	5.0 - 6.5	PHILODENDRON	5.0 - 6.0	DAFFODIL	6.0 - 6.5	RHODODENDRON	4.5 - 6.0
BRUSSELS SPROUTS	6.0 - 7.5	CARDINAL FLOWER	5.0 - 6.0	PILEA	6.0 - 8.0	DAHLIA	6.0 - 7.5	ROSES:	
CABBAGE	6.0 - 7.5	CASTOR OIL PLANT	5.5 - 6.5	PLUMBAGO	5.5 - 6.5	DAY LILY	6.0 - 8.0	HYBRID TEA	5.5 - 7.0
CALABRESE	6.5 - 7.5	CANTURY PLANT	5.0 - 6.5	PODACARPUS	5.0 - 6.5	DELPHINIUM	6.0 - 7.5	CLIMBING	6.0 - 7.0
CARROT	5.5 - 7.0	CHINESE EVERGREEN	5.0 - 6.0	POINTSETTIA	6.0 - 7.5	DEUTZIA	6.0 - 7.5	RAMBLING	5.5 - 7.0
CAULIFLOWER	5.5 - 7.5	CHINESE PRIMROSE	6.0 - 7.5	POLYCSIA	6.0 - 7.5	DIANTHUS	6.0 - 7.5	SALVIA	6.0 - 7.5
CELERY	6.0 - 7.0	CHRISTMAS CACTUS	5.0 - 6.5	POTHOS	5.0 - 6.0	DOGWOOD	5.0 - 7.0	SCABIOSA	5.0 - 7.5
CHICORY	5.0 - 6.5	CINERARIA	5.5 - 7.0	PRAYER PLANT	5.0 - 6.0	EDELWEISS	6.5 - 7.5	SEDUM	6.0 - 7.5
CHINESE CABBAGE	6.0 - 7.5	CLERODENDRUM	5.0 - 6.0	PUNICA	5.5 - 6.5	ELAEAGNUS	5.0 - 7.5	SNAPDRAGON	5.5 - 7.0
CHIVES	6.0 - 7.0	CLIVIA	5.5 - 6.5	SANSERIERIA	4.5 - 7.0	ENKANTHUS	5.0 - 6.0	SNOWDROP	6.0 - 8.0
CORN - SWEET	5.5 - 7.0	COCKSCOMB	6.0 - 7.0	SAXIFRAGA	6.0 - 8.0	ERICA	4.5 - 6.0	SOAPWORT	6.0 - 7.5
CRESS	6.0 - 7.0	COFFEE PLANT	5.0 - 6.0	SCINDAPSUS	5.0 - 6.0	EUPHORBIA	6.0 - 7.0	SPEEDWELL	5.5 - 6.5
COURGETTES	5.5 - 7.0	COLEUS	6.0 - 7.0	SHRIMP PLANT	6.0 - 7.0	EVERLASTINGS	5.0 - 6.0	SPIRAEA	6.0 - 7.5
CUCUMBER	5.5 - 7.5	COLUMNEA	4.5 - 5.5	SPANISH BAYONET	6.0 - 7.5	FIRETHORN	6.0 - 8.0	SPRUCE	4.0 - 5.0
FENNEL	5.0 - 6.0	CORAL BERRY	5.5 - 7.5	SPIDER PLANT	6.0 - 7.5	FORGET-ME-NOTS	6.0 - 7.0	STOCK	6.0 - 7.5
GARLIC	5.5 - 7.5	CRASSULA	5.0 - 6.0	SUCCULENTS	5.0 - 6.5	FORSYTHIA	6.0 - 8.0	STONECROP	6.5 - 7.5
GINGER	6.0 - 8.0	CREEPING FIG	5.0 - 6.0	SYNOGONIUM	5.0 - 6.0	FOXGLOVE	6.0 - 7.5	SUMACK	5.0 - 6.5
HORSERADISH	6.0 - 7.0	CROTON	5.0 - 6.0	TOLMIEA	5.0 - 6.0	FRITILLARIA	6.0 - 7.5	SUNFLOWER	5.0 - 7.0
KALE	6.0 - 7.5	CROWN OF THORNS	6.0 - 7.5	TRADESCANTIA	5.0 - 6.0	FUCHSIA	5.5 - 7.5	SWEET PEA	6.0 - 7.5
KOHLRABI	6.0 - 7.5	CUPHEA	6.0 - 7.5	UMBRELLA TREE	5.0 - 7.5	GAILLARDIA	6.0 - 7.5	SWEET WILLIAM	6.0 - 7.5
LEEK	6.0 - 8.0	CYCLAMEN	6.0 - 7.0	VENUS FLYTRAP	4.0 - 5.0	GAZANIA	5.5 - 7.0	TAMARIX	6.5 - 8.0
LENTIL	5.5 - 7.0	CYPERUS	5.0 - 7.5	WEeping FIG	5.0 - 6.0	GENTIANA	5.0 - 7.5	TRILLIUM	5.0 - 6.5
LETTUCE	6.0 - 7.0	DIEFFENBACHIA	5.0 - 6.0	YUCCA	6.0 - 7.5	GEUM	6.0 - 7.5	TULIP	6.0 - 7.0
MARJORAM	6.0 - 8.0	DIPLADENIA	6.0 - 7.5	ZEBRINA	5.0 - 6.0	GLADIOILI	6.0 - 7.0	VIBERNUM	5.0 - 7.5
MARROW	6.0 - 7.5	DIZGOTHECA	6.0 - 7.5	FLOWERS, TREES AND SHRUBS		GLOBULARIA	5.5 - 7.0	VIOLA	5.5 - 6.5
MILLET	6.0 - 6.5	DRACAENA	5.0 - 6.0	ABELIA	6.0 - 8.0	GODETIA	6.0 - 7.5	VIRGINIA CREEPER	5.0 - 7.5
MINT	7.0 - 8.0	EASTER LILY	6.0 - 7.0	ACACIA	6.0 - 8.0	GOLDEN ROD	5.0 - 7.0	WALLFLOWER	5.5 - 7.5
MUSHROOM	6.5 - 7.5	ELEPHANT'S EAR	5.0 - 6.0	ACANTHUS	6.0 - 7.0	GYPSOPHILIA	6.0 - 7.5	WATER LILY	5.5 - 6.5
MUSTARD	6.0 - 7.5	EPISCIA	6.0 - 7.0	ACONITUM	5.0 - 6.0	HAWTHORN	6.0 - 7.0	WEIGELIA	6.0 - 7.5
OLIVE	5.5 - 6.5	EUONYMUS	6.0 - 8.0	ADONIS	6.0 - 8.0	HEATHER	4.0 - 6.0	WISTARIA	6.0 - 8.0
ONION	6.0 - 7.0	FERNS:		AGERATUM	6.0 - 7.5	HELIANTHUS	5.0 - 7.0	ZINNIA	5.5 - 7.5
PAPRIKA	7.0 - 8.5	BIRD'S NEST	5.0 - 5.5	AILANTHUS	6.0 - 7.5	HELLEBORUS	6.0 - 7.5	TURF AND ORNAMENTAL GRASSES	
PARSLEY	5.0 - 7.0	BOSTON	5.5 - 6.5	AJUGA	4.0 - 6.0	HOLLY	5.0 - 6.5	BAHAI	6.5 - 7.5
PARSNIP	5.5 - 7.5	BUTTON	6.0 - 8.0	ALTHEA	6.0 - 7.5	HOLLYHOCK	6.0 - 7.5	BENT	5.5 - 6.5
PEA	6.0 - 7.5	CHRISTMAS	6.0 - 7.5	ALYSSUM	6.0 - 7.5	HONEYSUCKLE	6.0 - 7.5	BERMUDA	6.0 - 7.0
PEANUT	5.0 - 6.5	CLOAK	6.0 - 7.5	AMARANTHUS	6.0 - 6.5	HYACINTH	6.5 - 7.5	CANADA BLUE	4.5 - 6.4
PECAN	4.0 - 6.0	FEATHER	5.5 - 6.5	ANCHUSA	6.0 - 7.5	HYDRANGEA (Blue)	4.0 - 5.0	CLOVER	6.0 - 7.0
PEPPER	5.5 - 7.0	HART'S TONGUE	7.0 - 8.0	ANDROSACE	5.0 - 6.0	HYDRANGEA (Pink)	6.0 - 7.0	KENTUCKY BLUE	6.0 - 7.5
PEPPERMINT	6.0 - 7.5	HOLLY	4.5 - 6.0	ANEMONE	6.0 - 7.5	HYDRANGEA (White)	6.5 - 8.0	MEADOW	6.0 - 7.5
PISTACHIO	5.0 - 6.0	MAIDENHAIR	6.0 - 8.0	ANTHYLLIS	5.0 - 6.0	HYPERICUM	5.5 - 7.0	PAMPAS	6.0 - 8.0
POTATO	4.5 - 6.0	RABBITS FOOT	6.0 - 7.5	ARBUSUTUS	4.0 - 6.0	IRIS	5.0 - 6.5	RED TOP	6.0 - 6.5
POTATO - SWEET	5.5 - 6.0	SPLEENWORT	6.0 - 7.5	ARENARIA	6.0 - 8.0	IVY	6.0 - 7.5	RYE	6.0 - 7.0
PUMPKIN	5.5 - 7.5	FIG	5.0 - 6.0	ARISTEA	6.0 - 7.5	JUNIPER	5.0 - 6.5	ST. AUGUSTINE	6.5 - 7.5
RADISH	6.0 - 7.0	FITTONIA	5.5 - 6.5	ARMERIA	6.0 - 7.5	KALMIA	4.5 - 5.0	TALL FESCUE	6.0 - 7.0
RICE	5.0 - 6.5	FREESIA	6.0 - 7.5	ARNICA	5.0 - 6.5	KERRIA	6.0 - 7.0	VELVET BENT	5.0 - 6.0
ROSEMARY	5.0 - 6.0	GARDENIA	5.0 - 6.0			LABURNUM	6.5 - 7.0	ZOYSIA	6.0 - 7.0

Soil Test Kit Questions and Answers

Question: I tested my soil, the pH test worked, but the rest of the results are clear. What's wrong?

1. An error has been made in the testing process.
2. Nutrient levels are too low for the test to indicate.
3. The capsules have absorbed too much moisture prior to being used. The reaction has already occurred within the capsule itself.

Question: My pH test result came out dark blue, there is no blue on the pH color chart.

1. The water being used to perform the test is alkaline. Recommend distilled water for the testing process.
2. The soil pH is higher than 7.5. The color results change from greens to blues to purples as the pH rises.

Question: I got results on all but the Nitrogen portion of the kit.

1. Nitrogen leaches out of the soil very quickly, especially in sandy soil.
2. The form of Nitrogen the kit tests for is Nitrate, the form used by plants. Nitrate is formed through the natural Nitrogen cycle within the soil. It is possible to have Nitrogen present in the soil in a non-testable form.

Question: I tested fertilizer with the kit and still got no reaction!

The kit detects only the form of the nutrient used by the plant. These nutrients must break down to the form tested for, through the natural bacterial action and decay processes in the soil. In most cases fertilizers will not test correctly.

Question: I fertilized my soil as recommended in your instructions and then re-tested. My readings didn't change.

Because the nutrients need to break down, we recommend two to four weeks between fertilizing and re-testing.

Question: My soil will not settle to the bottom in the soil/water solution I've mixed.

Although the directions read the soil and water should settle for at least 10 minutes before proceeding, there is no harm in letting the soil settle much longer. Suggest the consumer mix the soil and water the evening or even the day before testing. Some very fine clay soil will not settle. For these few homeowners, the kit will not work.

Question: The testing capsule didn't dissolve.

The capsules must be opened and the testing powder poured into the test tube. There isn't enough water present to dissolve the capsule.

Question: The color result I got doesn't match any on the color chart.

1. If the result is the same "color" but a different "shade" it's a matter of a judgment decision between the different nutrient levels.
2. The consumer may have inadvertently used the wrong capsule for the test in question.

In most cases we offer to send the consumer additional reagent capsules for re-testing. If an error was made in the first testing process, it's generally corrected the second time through.

HoldAll®
Decorative Plant Accessories

40 TESTS
DIRECTIONS INSIDE

SOIL TEST KIT

Tests Your Soil for a Healthy Garden

• pH • Nitrogen(N) • Phosphorus(P) • Potassium(K) •

WHY TEST YOUR SOIL?

Plants need food (nutrients) for healthy growth. Nitrogen, Phosphorus and Potash (N, P and K for short), play a vital role in plant growth just as vitamins, minerals, carbohydrates and protein do in our health.

HOW TO TEST YOUR SOIL

For the new and experienced soil testers alike, you will appreciate this easy, fast and fun way to achieve better growing results from your gardening efforts!

Everything is color-coded, including the tubes and capsules. All you do is take a sample of soil, mix with water, add powder from capsule, shake and watch the color develop. Then, note your test results. Fast, easy and it only takes a few minutes!

WHEN TO TEST YOUR SOIL

Soil should be tested periodically throughout the growing season, but it is especially recommended to test before planting in Spring and when preparing beds in Fall. And, if you feel your plants are not growing well, a soil test may help.

Included in the kit are:

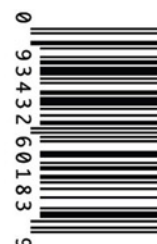
40 test capsules, 10 each for pH, N, P and K, Four (4) Color-coded Test Tubes, Test Tube Storage Dock, complete instructions for adjusting soil pH, fertilization guidelines and pH preference list for over 450 plants for the home, yard and garden.

Soil Test Kit Components
Complete Instruction
booklet Inside.



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| Appendix J

P.O. Box 62228 Midland TX 79711 Tel: 432-563-2200 Fax: 432-563-2213

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

QUESTIONS

Action 577095

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 577095
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0704337034
Incident Name	NMLB0704337034 RAM EWE FEDERAL #003 @ 30-015-27737
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-27737] RAM EWE FEDERAL #003

Location of Release Source	
Site Name	RAM EWE FEDERAL #003
Date Release Discovered	01/23/2007
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,575
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/23/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of 180 and Corrales Dr head towards Buena Vista Dr for 2.4mi, turn Left onto Hidalgo Rural Rd 1.9mi, turn Left 0.5mi, Turn Right 0.2mi to the location (32.3438644,-104.2958145)

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CONDITIONS

Action 577095

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 577095
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/20/2026
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	4/20/2026

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QUESTIONS

Action 583395

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 583395
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0704337034
Incident Name	NMLB0704337034 RAM EWE FEDERAL #003 @ 30-015-27737
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-27737] RAM EWE FEDERAL #003

Location of Release Source	
Site Name	RAM EWE FEDERAL #003
Date Release Discovered	01/23/2007
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,575
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/13/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Erick Herrera at 432-305-6416 with any questions
Please provide any information necessary for navigation to sampling site	From the intersection of 180 and Corrales Dr head towards Buena Vista Dr for 2.4mi, turn Left onto Hidalgo Rural Rd 1.9mi, turn Left 0.5mi, Turn Right 0.2mi to the location (32.3438644,-104.2958145)

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CONDITIONS

Action 583395

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 583395
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/8/2026
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	5/8/2026

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QUESTIONS

Action 617542

QUESTIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 617542
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nMLB0704337034
Incident Name	NMLB0704337034 RAM EWE FEDERAL #003 @ 30-015-27737
Incident Type	Oil Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-27737] RAM EWE FEDERAL #003

Location of Release Source

Please answer all the questions in this group.

Site Name	RAM EWE FEDERAL #003
Date Release Discovered	01/23/2007
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Crude Oil Released: 5 BBL Recovered: 0 BBL Lost: 5 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 8 BBL Recovered: 0 BBL Lost: 8 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 617542

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 617542
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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>
<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.</i>	

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: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 08/27/2026
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QUESTIONS, Page 3

Action 617542

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 617542
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	Critical
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1860
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	148
GRO+DRO (EPA SW-846 Method 8015M)	1960
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	04/15/2026
On what date will (or did) the final sampling or liner inspection occur	05/13/2026
On what date will (or was) the remediation complete(d)	06/11/2026
What is the estimated surface area (in square feet) that will be reclaimed	1987
What is the estimated volume (in cubic yards) that will be reclaimed	405
What is the estimated surface area (in square feet) that will be remediated	1987
What is the estimated volume (in cubic yards) that will be remediated	405
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 617542

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 617542
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 08/27/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 617542

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 617542
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS, Page 6

Action 617542

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 617542
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	583395
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/13/2026
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	1575

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1987
What was the total volume (cubic yards) remediated	405
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1987
What was the total volume (in cubic yards) reclaimed	405
Summarize any additional remediation activities not included by answers (above)	The Site was remediated in accordance with an approved Remediation Work Plan, ultimately removing 405 CY of residual impacted soil, and has been backfilled with clean, locally sourced material, recontoured to match the original conditions as closely as possible, and reseeded on July 1, 2026, with a BLM-approved seed mixture in accordance with the appropriate BLM re-seeding guidelines for seed to sqft area ratio.

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 08/27/2026
--	--

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QUESTIONS, Page 7

Action 617542

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 617542
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	1987
What was the total volume of replacement material (in cubic yards) for this site	405
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	07/01/2026
Summarize any additional reclamation activities not included by answers (above)	The Site was remediated in accordance with an approved Remediation Work Plan, ultimately removing 405 CY of residual impacted soil, and has been backfilled with clean, locally sourced material, recontoured to match the original conditions as closely as possible, and reseeded on July 1, 2026, with a BLM-approved seed mixture in accordance with the appropriate BLM re-seeding guidelines for seed to sqft area ratio.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 08/27/2026

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QUESTIONS, Page 8

Action 617542

QUESTIONS (continued)

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 617542
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 617542

CONDITIONS

Operator: WPX Energy Permian, LLC Devon Energy - Regulatory Oklahoma City, OK 73102	OGRID: 246289
	Action Number: 617542
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	9/1/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	9/1/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	9/1/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	9/1/2026