



June 19, 2025

New Mexico Energy Minerals and Natural Resources Department

New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

**Re: Closure Request
Thistle Unit #043H
Incident Number nAPP2505540528
Lea County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities at the Thistle Unit #043H (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water onto the well pad. Based on field observations, field screening activities, and soil sample laboratory analytical results, Devon is submitting this *Closure Request*, describing Site assessment, delineation, and excavation activities that have occurred and requesting no further action for Incident Number nAPP2505540528.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit M, Section 33, Township 23 South, Range 33 East, in Lea County, New Mexico (32.254516°, -103.584152°) and is associated with oil and gas exploration and production operations on New Mexico State Trust Land (STL) managed by the New Mexico State Land Office (NMSLO).

On February 21, 2024, a fitting on the wellhead developed a leak, resulting in the release of approximately 7 barrels (bbls) of produced water onto the caliche pad. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 4 bbls of produced water were recovered from pad surface. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via on the NMOCD Portal February 24, 2025, and submitted a Release Notification Form C-141 Form C-141) on February 25, 2025. The release was assigned Incident Number nAPP2505540528. The Form C-141 can be referenced on the NMOCD Portal.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C 04707 POD1, located approximately 222 feet southeast of the Site. The well was drilled to assess depth to water, which had a reported depth to groundwater greater than 101 feet below ground surface (bgs) and a total depth of 101 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 0.7 miles south of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table I Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO): 1,000 mg/kg
- TPH: 2,500 mg/kg
- Chloride: 20,000 mg/kg

SITE ASSESSMENT ACTIVITIES

On February 24, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Beginning on February 27, 2025, four preliminary soil samples (SS01 through SS04) were collected around the release extent at ground surface to assess the lateral extent of the impacted area and four boreholes (BH01 through BH04) were advanced within the release extent to assess the vertical extent of impacted soil; boreholes BH01 through BH03 were advanced to a depth of 1-foot bgs and borehole BH04 was advanced to a depth of 14 feet bgs. The preliminary soil samples were field screened for chloride and TPH utilizing Hach® chloride QuanTab® test strips and a PetroFLAG® Soil Analyzer System, respectively. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographs of field activities are included in Appendix B. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice and transported under strict chain-of-custody procedures to Envirotech Analysis Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Beginning on May 27, 2025, impacted soil was excavated from the release area as indicated by visible staining and delineation soil sampling results. Excavation activities were performed using a backhoe, hand digging, and belly dump trucks. The excavation occurred near the wellhead. To direct excavation activities, Ensolum personnel screened soil for chloride and for TPH.

Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing at most 200 square feet from the floor and sidewalls of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS10 were collected from the floor of the excavation at depths ranging from 1-foot to 7 feet bgs. Composite sidewall soil samples (SW01 through SW04) were collected from the sidewall of the excavation at depths ranging from ground surface to 7 feet bgs. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 2,000 square feet. A total of approximately 218 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Northern Delaware Basin Landfill, New Mexico. After completion of confirmation sampling, the excavation areas were secured with fencing.

Excavation activities remained in previously disturbed areas of the well pad and as such the Cultural Properties Protection Rule (CPP) has been met. Final reclamation of the well pad will occur when the onsite well has been plugged and abandoned (P&A'd).

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples (SS01 through SS04) were all in compliance with the strictest Closure Criteria per NMOC Table I at ground surface. Laboratory analytical results for boreholes (BH01 through BH03) indicated all COCs were in compliance with the strictest Closure Criteria at 1-foot bgs. Laboratory analytical results for borehole BH04 indicated all COCs were in compliance with the strictest Closure Criteria at 14 feet bgs.

Laboratory analytical results for excavation floor soil samples (FS01 through FS10) indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results for sidewall soil samples SW01, SW03 and SW04 indicated all COC concentrations were compliant with the strictest Closure Criteria. Laboratory analytical results for sidewall soil sample SW02 indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results are summarized in Tables 1 through 3 and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the February 2025 release of produced water. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with the Closure Criteria. Based on the soil sample analytical results, no further remediation was required.

Excavation of impacted and waste-containing soil has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be greater than 101 feet bgs and no other sensitive receptors were identified near the release extent. Devon believes these remedial actions are protective of human

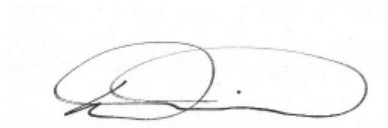
health, the environment, and groundwater. As such, Devon respectfully requests closure for Incident Number nAPP2505540528.

If you have any questions or comments, please contact Ms. Ashley Giovengo at (575) 988-0055 or agiovengo@ensolum.com.

Sincerely,
Ensolum, LLC



Ashley Giovengo
Associate Principal



Daniel R. Moir, PG (licensed in WY & TX)
Senior Managing Geologist

Appendices:

| | |
|------------|---|
| Figure 1 | Site Receptor Map |
| Figure 2 | Delineation Soil Sample Locations |
| Figure 3 | Confirmation Soil Sample Locations |
| Table 1 | Soil Sample Analytical Results (Delineation Soil Samples) |
| Table 2 | Soil Sample Analytical Results (Excavation Floor Soil Samples) |
| Table 3 | Soil Sample Analytical Results (Excavation Sidewall Soil Samples) |
| Appendix A | Well Log and Record |
| Appendix B | Photographic Log |
| Appendix C | Lithologic / Soil Sampling Logs |
| Appendix D | Laboratory Analytical Reports & Chain-of-Custody Documentation |
| Appendix E | NMOCD Correspondence |



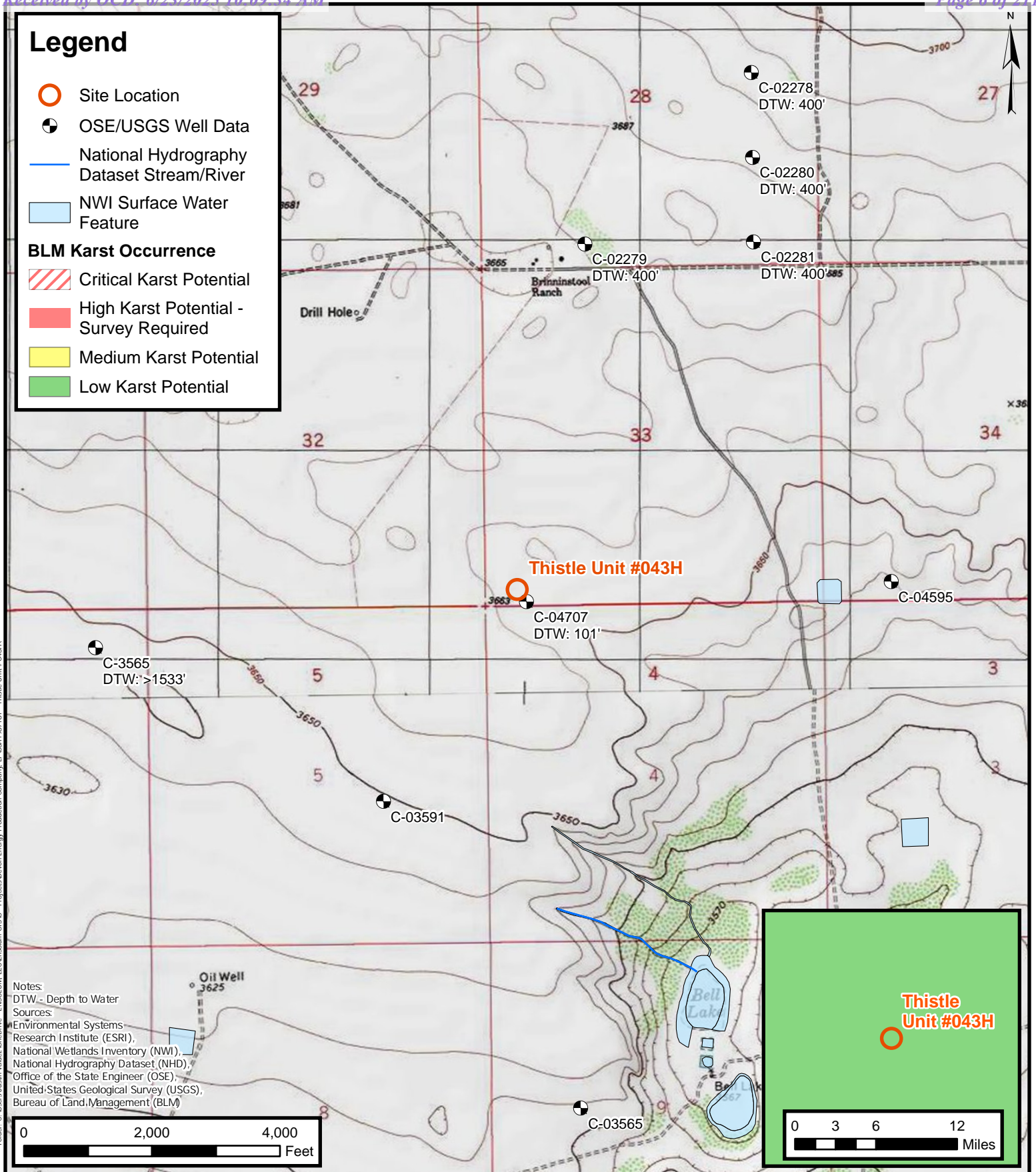
FIGURES

Legend

- Site Location
- OSE/USGS Well Data
- National Hydrography Dataset Stream/River
- NWI Surface Water Feature

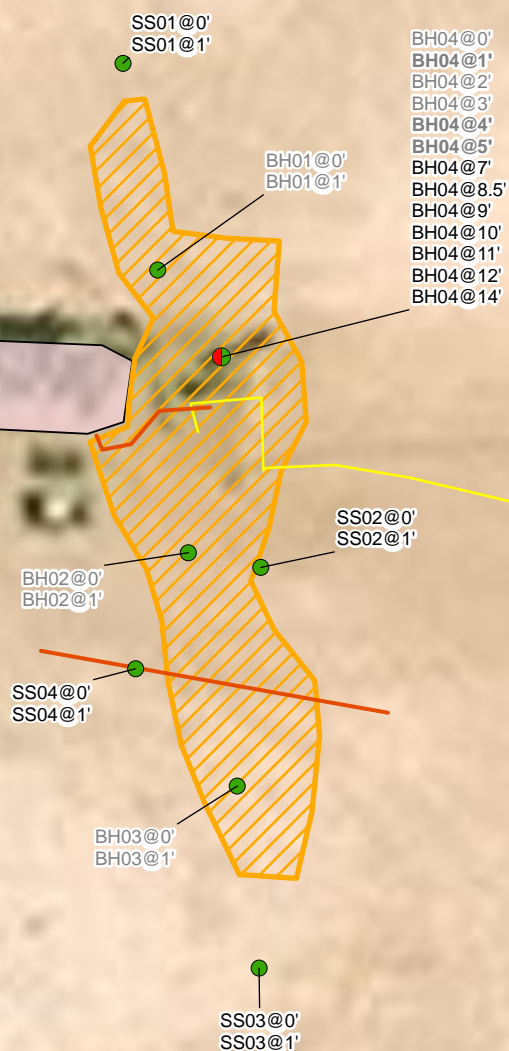
BLM Karst Occurrence

- ▨ Critical Karst Potential
- High Karst Potential - Survey Required
- Medium Karst Potential
- Low Karst Potential



Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Release Extent
- Infrastructure



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in bold indicate sample exceeded applicable Closure Criteria.
 Grey text indicate soil sample was removed during excavation activities.

0 5 10 20 30 40
 Feet

Sources: Environmental Systems Research Institute (ESRI)



Delineation Soil Sample Locations

Devon Energy Production Company, LP

Thistle Unit #043H

Incident Number: nAPP2505540528

Unit M, Section 33, T 23S, R 33E

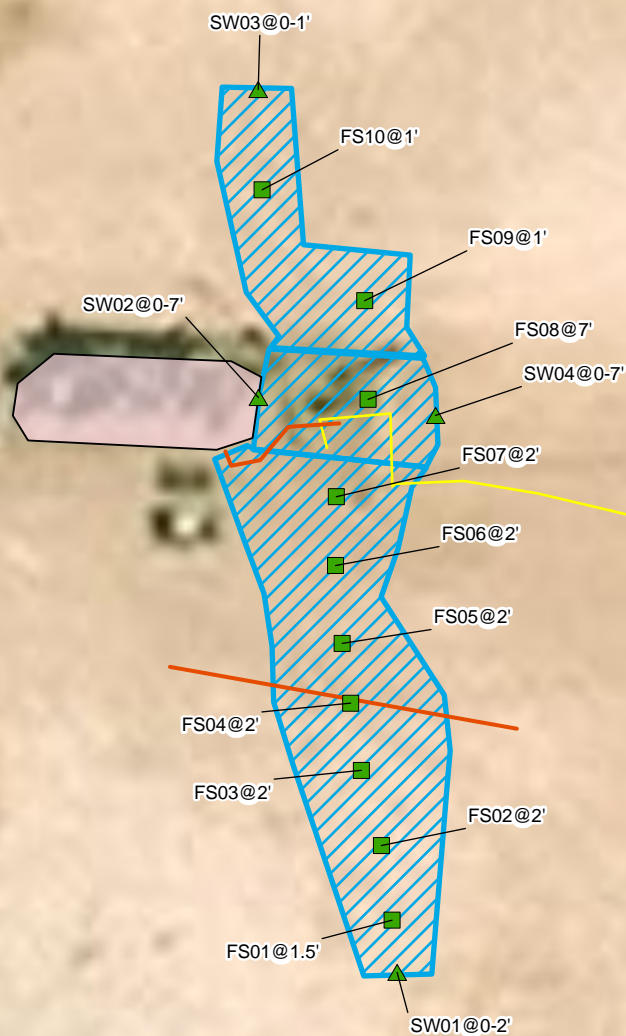
Lea County, New Mexico

FIGURE

2

Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- ▲ Excavation Sidewall Sample in Compliance with Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Infrastructure
- Excavation Extent



Notes:
Sample ID @ Depth Below Ground Surface.

0 5 10 20 30 40
Feet

Sources: Environmental Systems Research Institute (ESRI)



Confirmation Soil Sample Location

Devon Energy Production Company, LP

Thistle Unit #043H

Incident Number: nAPP2505540528

Unit M, Section 33, T 23S, R 33E

Lea County, New Mexico

FIGURE

3



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Thistle Unit #043H
 Devon Energy Production Company, LP
 Lea County, New Mexico

| Sample Designation | Date | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|--|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Delineation Soil Samples | | | | | | | | | | |
| SS01 | 2/27/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 115 | 123 | 115 | 238 | 140 |
| SS01 | 2/27/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | <20.0 |
| SS02 | 2/27/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 299 |
| SS02 | 2/27/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 86.6 |
| SS03 | 2/27/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 119 |
| SS03 | 2/27/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 23.0 |
| SS04 | 2/27/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 329 |
| SS04 | 2/27/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 82.2 |
| BH01 | 2/27/2025 | 0 | <0.0250 | <0.0500 | <20.0 | 137 | 577 | 137 | 714 | 2,890 |
| BH01 | 2/27/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 180 |
| BH02 | 2/27/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 5,190 |
| BH02 | 2/27/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 68.1 |
| BH03 | 2/27/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 11,600 |
| BH03 | 2/27/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 135 |

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<": Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS - Continued
 Thistle Unit #043H
 Devon Energy Production Company, LP
 Lea County, New Mexico

| Sample Designation | Date | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Delineation Soil Samples | | | | | | | | | | |
| BH04 | 3/19/2025 | 0 | <0.0250 | <0.0500 | <20.0 | <25.0 | 56.1 | <25.0 | 56.1 | 4,110 |
| BH04 | 3/19/2025 | 1 | <0.0250 | <0.0500 | <20.0 | 1,780 | 1,760 | 1,780 | 3,540 | 2,700 |
| BH04 | 3/19/2025 | 2 | <0.0250 | <0.0500 | <20.0 | 280 | 464 | 280 | 744 | 337 |
| BH04 | 3/19/2025 | 3 | <0.0250 | <0.0500 | <20.0 | 904 | 1,230 | 904 | 2,134 | 335 |
| BH04 | 3/19/2025 | 4 | <0.0250 | <0.0500 | <20.0 | 1,990 | 2,400 | 1,990 | 4,390 | 442 |
| BH04 | 4/1/2025 | 5 | <0.0250 | 0.132 | <20.0 | 8,590 | 4,960 | 8,590 | 13,550 | 1,280 |
| BH04 | 4/1/2025 | 7 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 1,340 |
| BH04 | 4/1/2025 | 8.5 | <0.0250 | <0.0500 | <20.0 | 72.3 | 57.3 | 72.3 | 130 | 2,190 |
| BH04 | 4/8/2025 | 9 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 657 |
| BH04 | 4/8/2025 | 10 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 490 |
| BH04 | 4/8/2025 | 11 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 494 |
| BH04 | 4/8/2025 | 12 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 624 |
| BH04 | 4/8/2025 | 14 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 497 |

Notes:

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Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 Thistle Unit #043H
 Devon Energy Production Company, LP
 Lea County, New Mexico

| Sample Designation | Date | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Excavation Floor Soil Samples | | | | | | | | | | |
| FS01 | 5/29/2025 | 1.5 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 286 |
| FS02 | 5/29/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 396 |
| FS03 | 5/29/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 206 |
| FS04 | 5/29/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 506 |
| FS05 | 5/29/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 162 |
| FS06 | 5/29/2025 | 2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 266 |
| FS07 | 5/29/2025 | 2 | <0.0250 | <0.0500 | <20.0 | 43.9 | <50.0 | 43.9 | 43.9 | 204 |
| FS08 | 5/28/2025 | 7 | <0.0250 | <0.0500 | <20.0 | 121 | 107.0 | 121 | 228 | 1,030 |
| FS09 | 5/28/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 357 |
| FS10 | 5/28/2025 | 1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 233 |

Notes:

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Grey text represents samples that have been excavated

<: Laboratory Analytical result is less than reporting limit

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

* Indicates sample was collected in area to be reclaimed after remediation is complete; reclamation for chloride in the top 4 feet is 600 mg/kg and total TPH is 100 mg/kg.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 3
SOIL SAMPLE ANALYTICAL RESULTS
 Thistle Unit #043H
 Devon Energy Production Company, LP
 Lea County, New Mexico

| Sample Designation | Date | Depth (feet bgs) | Benzene (mg/kg) | Total BTEX (mg/kg) | TPH GRO (mg/kg) | TPH DRO (mg/kg) | TPH ORO (mg/kg) | GRO+DRO (mg/kg) | Total TPH (mg/kg) | Chloride (mg/kg) |
|---|-----------|------------------|-----------------|--------------------|-----------------|-----------------|-----------------|-----------------|-------------------|------------------|
| NMOCD Table I Closure Criteria (NMAC 19.15.29) | | | 10 | 50 | NE | NE | NE | 1,000 | 2,500 | 20,000 |
| Sidewall Soil Samples | | | | | | | | | | |
| SW01 | 5/29/2025 | 0-2 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 246 |
| SW02 | 5/28/2025 | 0-7 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 976 |
| SW03 | 5/29/2025 | 0-1 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 37.1 |
| SW04 | 5/28/2025 | 0-7 | <0.0250 | <0.0500 | <20.0 | <25.0 | <50.0 | <25.0 | <50.0 | 90.1 |

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DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Well Log and Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

| | | | | | | | | |
|---|---|------------------|--|---|---|--|---|-----------------------------------|
| 1. GENERAL AND WELL LOCATION | OSE POD NO. (WELL NO.) POD 1 (TW-1) | | WELL TAG ID NO. N/A | | OSE FILE NO(S). C-4707 | | | |
| | WELL OWNER NAME(S) Devon Energy | | | | PHONE (OPTIONAL) 575-748-1838 | | | |
| | WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy | | | | CITY Artesia | STATE NM | ZIP 88210 | |
| | WELL LOCATION (FROM GPS) | DEGREES 32 | MINUTES 15 | SECONDS 14.18 | N | * ACCURACY REQUIRED: ONE TENTH OF A SECOND | | |
| | | LONGITUDE 103 | 35 | 1.32 | W | * DATUM REQUIRED: WGS 84 | | |
| DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SW SW SW Sec.33 T23S R33E NMPM | | | | | | | | |
| 2. DRILLING & CASING INFORMATION | LICENSE NO. 1249 | | NAME OF LICENSED DRILLER Jackie D. Atkins | | | NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc. | | |
| | DRILLING STARTED 4/11/23 | | DRILLING ENDED 4/12/23 | | DEPTH OF COMPLETED WELL (FT) Temporary Well Material | | BORE HOLE DEPTH (FT) ±101 | |
| | | | | | DEPTH WATER FIRST ENCOUNTERED (FT) N/A | | | |
| | COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED) | | | | | STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A | | DATE STATIC MEASURED 4/18/2023 |
| | DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY: | | | | | | | |
| | DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger | | | | | | CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/> | |
| | DEPTH (feet bgl) | | BORE HOLE DIAM (inches) | CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) | CASING CONNECTION TYPE (add coupling diameter) | CASING INSIDE DIAM. (inches) | CASING WALL THICKNESS (inches) | SLOT SIZE (inches) |
| | FROM | TO | | | | | | |
| | 0 | 101 | ±6.25 | Soil Boring | -- | -- | -- | -- |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| 3. ANNULAR MATERIAL | DEPTH (feet bgl) | | BORE HOLE DIAM. (inches) | LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL | AMOUNT (cubic feet) | METHOD OF PLACEMENT | | |
| | FROM | TO | | | | | | |
| | | | | N/A | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

| | | |
|-----------------------------|--------------------|----------------|
| FILE NO. C-4707 | POD NO. 1 | TRN NO. 742696 |
| LOCATION 23S. 33E. 33 4 3 3 | WELL TAG ID NO. NA | PAGE 1 OF 2 |

4. HYDROGEOLOGIC LOG OF WELL

5. TEST; RIG SUPERVISION


6. SIGNATURE


| | | | |
|----------------------|-----------------|--|-------------|
| FOR OSE INTERNAL USE | | WR-20 WELL RECORD & LOG (Version 01/28/2022) | |
| FILE NO. | C-4707 | POD NO. | 1 |
| LOCATION | 235-336-33-4-33 | TRN NO. | 742696 |
| | | WELL TAG ID NO. | MA |
| | | | PAGE 2 OF 2 |





APPENDIX B

Lithologic Soil Sampling Logs

|  ENSOLUM | | | | | | | | Sample Name: BH01 | | Date: 2/27/25 | |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|----------------------------------|--|--------------------|--|
| | | | | | | | | Site Name: Thistle Unit #043H | | | |
| | | | | | | | | Incident Number: nAPP2505540528 | | | |
| | | | | | | | | Job Number: 03A1987161 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Israel Estrella | | Method: Hand Auger | |
| Site Coordinates: 32.254564, -103.584259 | | | | | | | | Hole Diameter: 3" | | Total Depth: 1' | |
| 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. No correction factors included. | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | |
| M | | | Y | BH01 | 0 | 0 | CCHE | Moist, Light Stain, Pad Caliche. | | | |
| M | 274 | 18 | N | BH01 | 1 | 1 | SP-SM | Moist, No Stain, Sand. | | | |
| Total Depth = 1 ft bgs. | | | | | | | | | | | |

|  ENSOLUM | | Sample Name: BH02 | | Date: 2/27/25 | | | | |
|---|----------------|---------------------------------|----------|----------------------------|-----------------------|--------------------|------------------|----------------------------------|
| | | Site Name: Thistle Unit #043H | | | | | | |
| | | Incident Number: nAPP2505540528 | | | | | | |
| | | Job Number: 03A1987161 | | | | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | |
| Site Coordinates: 32.254419, -103.584235 | | | | Logged By: Israel Estrella | | Method: Hand Auger | | |
| | | | | Hole Diameter: 3" | | Total Depth: 1' | | |
| 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. No correction factors included. | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions |
| M | | | Y | BH02 | 0 | 0 | CCHE | Moist, Light Stain, Pad Caliche. |
| M | 162 | 5 | N | BH02 | 1 | 1 | SP-SM | Moist, No Stain, Sand. |
| Total Depth = 1 ft bgs. | | | | | | | | |

|  ENSOLUM | | | | | | | | Sample Name: BH03 | | Date: 2/27/25 | |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|----------------------------------|--|--------------------|--|
| | | | | | | | | Site Name: Thistle Unit #043H | | | |
| | | | | | | | | Incident Number: nAPP2505540528 | | | |
| | | | | | | | | Job Number: 03A1987161 | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Israel Estrella | | Method: Hand Auger | |
| Site Coordinates: 32.254326, -103.584204 | | | | | | | | Hole Diameter: 3" | | Total Depth: 1' | |
| 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. No correction factors included. | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | |
| M | | | Y | BH03 | 0 | 0 | CCHE | Moist, Light Stain, Pad Caliche. | | | |
| M | 274 | 30 | N | BH03 | 1 | 1 | SP-SM | Moist, No Stain, Sand. | | | |
| Total Depth = 1 ft bgs. | | | | | | | | | | | |

|  | | | | | | | | Sample Name: BH04 | | Date: 04/08/25 | | |
|---|----------------|-------------|----------|-----------|-----------------------|----------------|------------------|--|------------------------|--------------------|--|--|
| | | | | | | | | Site Name: Thistle Unit #043H | | | | |
| | | | | | | | | Incident Number: nAPP2505540528 | | | | |
| | | | | | | | | Job Number: 03A1987161 | | | | |
| LITHOLOGIC / SOIL SAMPLING LOG | | | | | | | | Logged By: Cole, Israel, Jenna | | Method: Hand Auger | | |
| Site Coordinates: 32.254511, -103.584228 | | | | | | | | Hole Diameter: 3" | | Total Depth: 14' | | |
| 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. No correction factors included. | | | | | | | | | | | | |
| Moisture Content | Chloride (ppm) | Vapor (ppm) | Staining | Sample ID | Sample Depth (ft bgs) | Depth (ft bgs) | USCS/Rock Symbol | Lithologic Descriptions | | | | |
| D | 2,000 | | Y | BH04 | 0 | 0 | CCHE | Pad Caliche - Slight staining | | | | |
| D | 550 | | | | 1 | 1 | SP-SM | Poorly Graded Sand w/ Silt - Medium Brown, Non-cohesive, Fine Sand | | | | |
| D | 450 | | | | 2 | 2 | | | | | | |
| D | | | | | 3 | 3 | | | | | | |
| D | | | | | 4 | 4 | | | | | | |
| | 1,461 | | | | 5 | 5 | CCHE | Moist, Caliche, Medium Stain | | | | |
| M | 2,632 | | Y | | 6 | 6 | | Moist, Caliche, Light Stain | | | | |
| | 1,461 | | | | 7 | 7 | | Moist, Caliche, No Stain | | | | |
| | 2,447 | | N | | 8 | 8 | | | | | | |
| | 2,632 | | | | 8.5 | | | | | | | |
| | 576 | | | | 9 | 9 | | | Dry, Caliche, No stain | | | |
| D | 515 | 41 | | | 10 | 10 | | | | | | |
| | 576 | | | | 11 | 11 | | | | | | |
| | 638 | | N | | 12 | 12 | | | | | | |
| | 464 | | | 13 | 13 | | | | | | | |
| | 700 | | | | 14 | 14 | | | | | | |



APPENDIX C

Photographic Log



Photographic Log

Devon Energy Production Company, LP

Thistle Unit #043H

nAPP2505540528



Photograph 1

Date: 2/24/2025

Description: Signage

View: Northwest



Photograph 2

Date: 2/24/2025

Description: Spill Area

View: Northwest



Photograph 3

Date: 2/24/2025

Description: Spill Area

View: Northwest



Photograph 4

Date: 2/24/2025

Description: Spill Area

View: North



Photographic Log

Devon Energy Production Company, LP
Thistle Unit #043H
nAPP2505540528



Photograph 5

Date: 2/27/2025

Description: SS01

View: South



Photograph 6

Date: 2/27/2025

Description: SS02

View: West



Photograph 7

Date: 2/27/2025

Description: SS03

View: North



Photograph 8

Date: 2/27/2025

Description: SS04

View: Northeast



Photographic Log

Devon Energy Production Company, LP
Thistle Unit #043H
nAPP2505540528



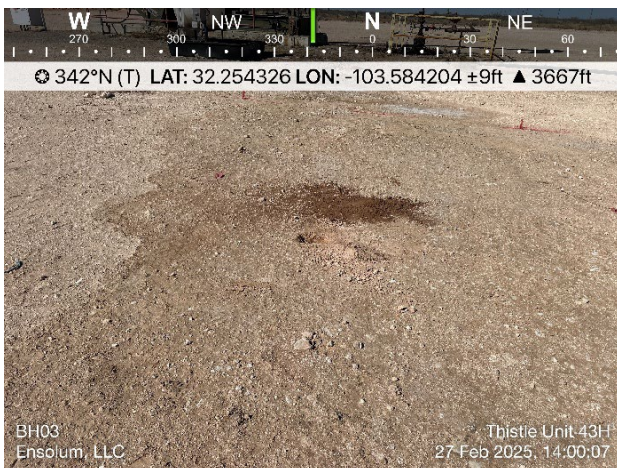
Photograph 9
Description: BH01
View: Southeast

Date: 2/27/2025



Photograph 10
Description: BH02
View: Northwest

Date: 2/27/2025



Photograph 11
Description: BH03
View: North

Date: 2/27/2025



Photograph 12
Description: SS04
View: Northeast

Date: 2/27/2025

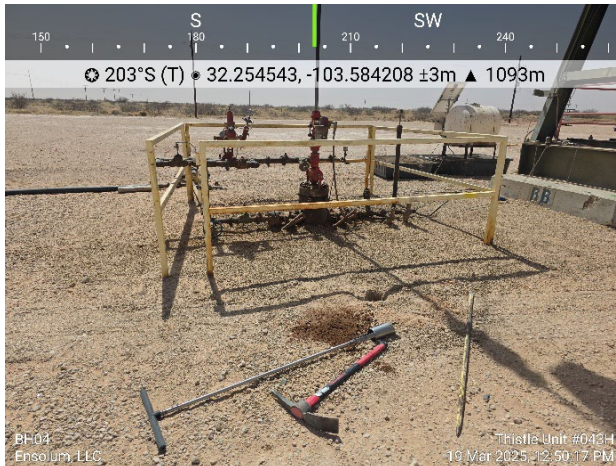


Photographic Log

Devon Energy Production Company, LP

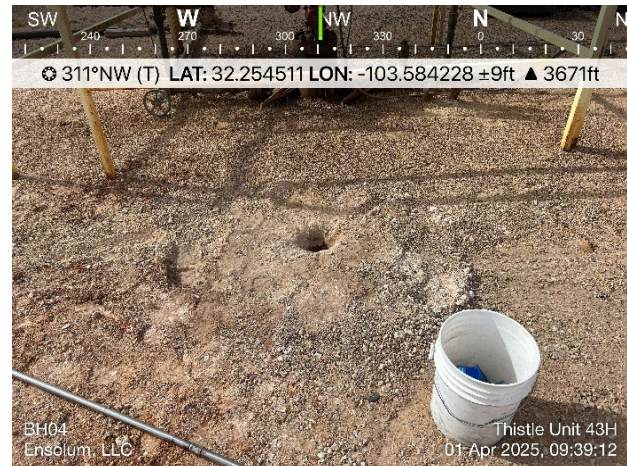
Thistle Unit #043H

nAPP2505540528



Photograph 13
Description: BH04
View: Southwest

Date: 3/19/2025



Photograph 14
Description: BH04
View: Northwest

Date: 4/01/2025



Photograph 15
Description: BH04
View: West

Date: 4/08/2025



Photograph 16
Description: BH04
View: Northeast

Date: 4/08/2025



Photographic Log

Devon Energy Production Company, LP

Thistle Unit #043H

nAPP2505540528



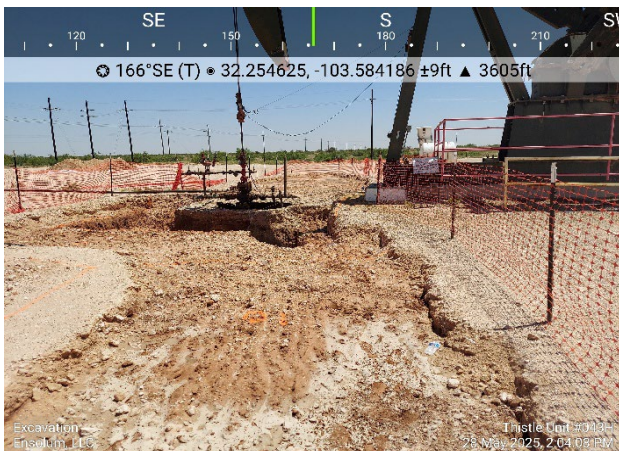
Photograph 17
Description: Excavation
View: North

Date: 5/27/2025



Photograph 18
Description: Excavation
View: Northwest

Date: 5/27/2025



Photograph 19
Description: Excavation
View: West

Date: 5/28/2025



Photograph 20
Description: Excavation
View: Northeast

Date: 5/28/2025



Photographic Log

Devon Energy Production Company, LP

Thistle Unit #043H

nAPP2505540528



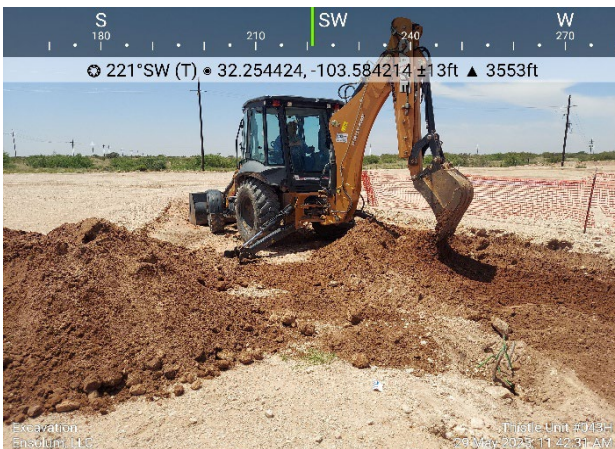
Photograph 21
Description: Excavation
View: Southwest

Date: 5/28/2025



Photograph 22
Description: Excavation
View: West

Date: 5/29/2025



Photograph 23
Description: Excavation
View: Southwest

Date: 5/29/2025



Photograph 24
Description: Excavation
View: North

Date: 5/29/2025

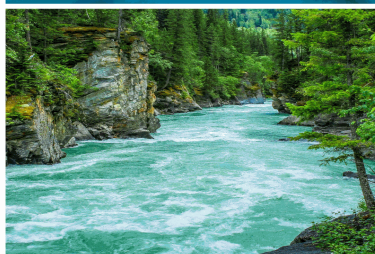


APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit 43H

Work Order: E502295

Job Number: 01058-0007

Received: 3/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/7/25

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: 3/7/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Thistle Unit 43H
Workorder: E502295
Date Received: 3/3/2025 7:00:46AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/3/2025 7:00:46AM, under the Project Name: Thistle Unit 43H.

The analytical test results summarized in this report with the Project Name: Thistle Unit 43H 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
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mgonzaless@envirotech-inc.com

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| SS01-1' | 10 |
| SS02-1' | 11 |
| SS03-1' | 12 |
| SS04-1' | 13 |
| BH01-1' | 14 |
| BH02-1' | 15 |
| BH03-1' | 16 |
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Sample Summary

| | | |
|---|--|-----------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Thistle Unit 43H Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 03/07/25 11:24 |
|---|--|-----------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| SS01-0' | E502295-01A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| SS03-0' | E502295-02A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| SS02-0' | E502295-03A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| SS04-0' | E502295-04A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| SS01-1' | E502295-05A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| SS02-1' | E502295-06A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| SS03-1' | E502295-07A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| SS04-1' | E502295-08A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| BH01-1' | E502295-09A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| BH02-1' | E502295-10A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| BH03-1' | E502295-11A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| SS01A-0' | E502295-12A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| SS01A-1' | E502295-13A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| BH01-0' | E502295-14A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| BH02-0' | E502295-15A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |
| BH03-0' | E502295-16A | Soil | 02/27/25 | 03/03/25 | Glass Jar, 2 oz. |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

SS01-0'

E502295-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2510024 |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| <i>Surrogate: Bromofluorobenzene</i> | | 98.5 % | 70-130 | 03/03/25 | 03/03/25 | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 92.2 % | 70-130 | 03/03/25 | 03/03/25 | |
| <i>Surrogate: Toluene-d8</i> | | 98.7 % | 70-130 | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2510024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/03/25 | |
| <i>Surrogate: Bromofluorobenzene</i> | | 98.5 % | 70-130 | 03/03/25 | 03/03/25 | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 92.2 % | 70-130 | 03/03/25 | 03/03/25 | |
| <i>Surrogate: Toluene-d8</i> | | 98.7 % | 70-130 | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: AF | | Batch: 2510018 |
| Diesel Range Organics (C10-C28) | 115 | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | 123 | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| <i>Surrogate: n-Nonane</i> | | 113 % | 61-141 | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: AK | | Batch: 2510025 |
| Chloride | 140 | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

SS03-0'

E502295-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2510024 |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 97.5 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.7 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 97.0 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2510024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 97.5 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.7 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 97.0 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: AF | | Batch: 2510018 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 110 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: AK | | Batch: 2510025 |
| Chloride | 119 | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

SS02-0'

E502295-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 97.9 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 94.0 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 99.1 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 97.9 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 94.0 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 99.1 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 108 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 299 | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

SS04-0'

E502295-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 97.9 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 93.3 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 97.8 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 97.9 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 93.3 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 97.8 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 107 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 329 | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

SS01-1'

E502295-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2510024 |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 97.2 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.2 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 97.6 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2510024 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 97.2 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.2 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 97.6 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: AF | | Batch: 2510018 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 109 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: AK | | Batch: 2510025 |
| Chloride | ND | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

SS02-1'

E502295-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 96.5 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 93.1 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 97.5 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 96.5 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 93.1 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 97.5 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 113 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 86.6 | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

SS03-1'

E502295-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 98.9 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 94.3 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 98.5 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/03/25 | |
| Surrogate: Bromofluorobenzene | 98.9 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 94.3 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Surrogate: Toluene-d8 | 98.5 % | 70-130 | | 03/03/25 | 03/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 113 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 23.0 | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

SS04-1'

E502295-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/04/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 98.4 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 92.1 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 97.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 98.4 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 92.1 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 97.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 112 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 82.2 | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

BH01-1'

E502295-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/04/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 97.7 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 95.3 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 98.5 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 97.7 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 95.3 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 98.5 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 108 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 180 | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

BH02-1'

E502295-10

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/04/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 98.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 95.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 97.3 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 98.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 95.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 97.3 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 110 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 68.1 | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

BH03-1'

E502295-11

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/04/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 97.3 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.6 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 98.3 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 97.3 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.6 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 98.3 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 112 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 135 | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

SS01A-0'

E502295-12

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/04/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 98.9 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 94.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 100 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 98.9 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 94.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 100 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 114 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 295 | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

SS01A-1'

E502295-13

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/04/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 98.5 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 93.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 97.9 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 98.5 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 93.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 97.9 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 109 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | ND | 20.0 | 1 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

BH01-0'

E502295-14

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/04/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 96.7 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.6 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 97.1 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 96.7 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 96.6 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 97.1 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | 137 | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | 577 | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 111 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 2890 | 40.0 | 2 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

BH02-0'
E502295-15

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/04/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 97.0 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 94.4 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 97.4 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 97.0 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 94.4 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 97.4 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 109 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 5190 | 40.0 | 2 | 03/03/25 | 03/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit 43H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 11:24:09AM

BH03-0'

E502295-16

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organic Compounds by EPA 8260B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Benzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Toluene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/03/25 | 03/04/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 98.3 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 92.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 99.1 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2510024 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: Bromofluorobenzene | 98.3 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 92.8 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Surrogate: Toluene-d8 | 99.1 % | 70-130 | | 03/03/25 | 03/04/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: AF | | Batch: 2510018 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/03/25 | 03/04/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 03/03/25 | 03/04/25 | |
| Surrogate: n-Nonane | 108 % | 61-141 | | 03/03/25 | 03/04/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2510025 | |
| Chloride | 11600 | 200 | 10 | 03/03/25 | 03/03/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit 43H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/7/2025 11:24:09AM |

Volatile Organic Compounds by EPA 8260B

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 (2510024-BLK1)

Prepared: 03/03/25 Analyzed: 03/03/25

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| 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: Bromofluorobenzene | 0.489 | | 0.500 | | 97.7 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.475 | | 0.500 | | 94.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.487 | | 0.500 | | 97.3 | 70-130 | | | |

LCS (2510024-BS1)

Prepared: 03/03/25 Analyzed: 03/03/25

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|--|------|--------|--|--|--|
| Benzene | 2.05 | 0.0250 | 2.50 | | 81.8 | 70-130 | | | |
| Ethylbenzene | 2.01 | 0.0250 | 2.50 | | 80.5 | 70-130 | | | |
| Toluene | 1.97 | 0.0250 | 2.50 | | 78.7 | 70-130 | | | |
| o-Xylene | 1.98 | 0.0250 | 2.50 | | 79.3 | 70-130 | | | |
| p,m-Xylene | 3.98 | 0.0500 | 5.00 | | 79.5 | 70-130 | | | |
| Total Xylenes | 5.96 | 0.0250 | 7.50 | | 79.4 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.492 | | 0.500 | | 98.3 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.489 | | 0.500 | | 97.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.487 | | 0.500 | | 97.4 | 70-130 | | | |

Matrix Spike (2510024-MS1)

Source: E502295-04

Prepared: 03/03/25 Analyzed: 03/03/25

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|----|------|--------|--|--|--|
| Benzene | 2.21 | 0.0250 | 2.50 | ND | 88.2 | 48-131 | | | |
| Ethylbenzene | 2.15 | 0.0250 | 2.50 | ND | 86.0 | 45-135 | | | |
| Toluene | 2.11 | 0.0250 | 2.50 | ND | 84.4 | 48-130 | | | |
| o-Xylene | 2.16 | 0.0250 | 2.50 | ND | 86.3 | 43-135 | | | |
| p,m-Xylene | 4.31 | 0.0500 | 5.00 | ND | 86.1 | 43-135 | | | |
| Total Xylenes | 6.46 | 0.0250 | 7.50 | ND | 86.2 | 43-135 | | | |
| Surrogate: Bromofluorobenzene | 0.500 | | 0.500 | | 99.9 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.481 | | 0.500 | | 96.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.486 | | 0.500 | | 97.1 | 70-130 | | | |

Matrix Spike Dup (2510024-MSD1)

Source: E502295-04

Prepared: 03/03/25 Analyzed: 03/03/25

| | | | | | | | | | |
|----------------------------------|-------|--------|-------|----|------|--------|-------|----|--|
| Benzene | 2.19 | 0.0250 | 2.50 | ND | 87.7 | 48-131 | 0.568 | 23 | |
| Ethylbenzene | 2.16 | 0.0250 | 2.50 | ND | 86.2 | 45-135 | 0.325 | 27 | |
| Toluene | 2.11 | 0.0250 | 2.50 | ND | 84.2 | 48-130 | 0.237 | 24 | |
| o-Xylene | 2.11 | 0.0250 | 2.50 | ND | 84.3 | 43-135 | 2.32 | 27 | |
| p,m-Xylene | 4.21 | 0.0500 | 5.00 | ND | 84.2 | 43-135 | 2.25 | 27 | |
| Total Xylenes | 6.32 | 0.0250 | 7.50 | ND | 84.3 | 43-135 | 2.28 | 27 | |
| Surrogate: Bromofluorobenzene | 0.490 | | 0.500 | | 98.0 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.476 | | 0.500 | | 95.2 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.485 | | 0.500 | | 97.0 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit 43H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/7/2025 11:24:09AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2510024-BLK1)

Prepared: 03/03/25 Analyzed: 03/03/25

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.489 | | 0.500 | | 97.7 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.475 | | 0.500 | | 94.9 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.487 | | 0.500 | | 97.3 | 70-130 | | | |

LCS (2510024-BS2)

Prepared: 03/03/25 Analyzed: 03/03/25

| | | | | | | | | | |
|----------------------------------|-------|------|-------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 46.6 | 20.0 | 50.0 | | 93.1 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.490 | | 0.500 | | 98.0 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.482 | | 0.500 | | 96.3 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.494 | | 0.500 | | 98.7 | 70-130 | | | |

Matrix Spike (2510024-MS2)

Source: E502295-04

Prepared: 03/03/25 Analyzed: 03/03/25

| | | | | | | | | | |
|----------------------------------|-------|------|-------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 53.0 | 20.0 | 50.0 | ND | 106 | 70-130 | | | |
| Surrogate: Bromofluorobenzene | 0.498 | | 0.500 | | 99.6 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.463 | | 0.500 | | 92.6 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.491 | | 0.500 | | 98.2 | 70-130 | | | |

Matrix Spike Dup (2510024-MSD2)

Source: E502295-04

Prepared: 03/03/25 Analyzed: 03/03/25

| | | | | | | | | | |
|----------------------------------|-------|------|-------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 49.6 | 20.0 | 50.0 | ND | 99.3 | 70-130 | 6.49 | 20 | |
| Surrogate: Bromofluorobenzene | 0.486 | | 0.500 | | 97.2 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.464 | | 0.500 | | 92.8 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.487 | | 0.500 | | 97.3 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit 43H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/7/2025 11:24:09AM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

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

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2510018-BLK1) | | | | | Prepared: 03/03/25 Analyzed: 03/04/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 50.7 | | 50.0 | | 101 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2510018-BS1) | | | | | Prepared: 03/03/25 Analyzed: 03/04/25 | | | | |
| Diesel Range Organics (C10-C28) | 251 | 25.0 | 250 | | 100 | 66-144 | | | |
| Surrogate: n-Nonane | 52.9 | | 50.0 | | 106 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2510018-MS1) | | | | | Source: E502295-04 | | Prepared: 03/03/25 Analyzed: 03/04/25 | | |
| Diesel Range Organics (C10-C28) | 259 | 25.0 | 250 | ND | 104 | 56-156 | | | |
| Surrogate: n-Nonane | 53.6 | | 50.0 | | 107 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2510018-MSD1) | | | | | Source: E502295-04 | | Prepared: 03/03/25 Analyzed: 03/04/25 | | |
| Diesel Range Organics (C10-C28) | 265 | 25.0 | 250 | ND | 106 | 56-156 | 2.16 | 20 | |
| Surrogate: n-Nonane | 53.0 | | 50.0 | | 106 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit 43H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/7/2025 11:24:09AM |

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 (2510025-BLK1) | | | | | Prepared: 03/03/25 Analyzed: 03/03/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2510025-BS1) | | | | | Prepared: 03/03/25 Analyzed: 03/03/25 | | | | |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2510025-MS1) | | | | | Source: E502295-03 | | Prepared: 03/03/25 Analyzed: 03/03/25 | | |
| Chloride | 602 | 20.0 | 250 | 299 | 121 | 80-120 | | | M4 |
| Matrix Spike Dup (2510025-MSD1) | | | | | Source: E502295-03 | | Prepared: 03/03/25 Analyzed: 03/03/25 | | |
| Chloride | 691 | 20.0 | 250 | 299 | 157 | 80-120 | 13.8 | 20 | M4 |

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

| | | | |
|-------------------------|------------------|------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit 43H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 03/07/25 11:24 |

- 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

WO # 21522634

| Client Information | | | | Invoice Information | | Lab Use Only | | TAT | | | | State | | | | | |
|---|--------------|---------|-------------------|--------------------------------------|--------------|---------------------|----------------|--|--------------|-------------|----------------|-------------|----------------|---------------|------|-----|------|
| Client: Devon | | | | Company: Devon Energy | | Lab WO# | | 1D 2D 3D Std | | | | NM CO UT TX | | | | | |
| Project: <u>Twistle Unit 43H</u> | | | | Address: 5315 Buena Vista Dr | | E502295 | | Job Number | | | | 010580007 | | | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@dnv.com | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | |
| Email: agiovento@ensolum.com | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | Analysis and Method | | | | | | | | EPA Program | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/RO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA |
| 926 | 2/27/25 | Soil | 1 | SS01-0' | | 1 | | | | | | X | | | | | |
| 930 | | | | 03 | | 2 | | | | | | X | | | | | |
| 954 | | | | 02 | | 3 | | | | | | X | | | | | |
| 958 | | | | 04 ↓ | | 4 | | | | | | X | | | | | |
| 1015 | | | | 01-1' | | 5 | | | | | | X | | | | | |
| 1018 | | | | 02 | | 6 | | | | | | X | | | | | |
| 1022 | | | | 03 | | 7 | | | | | | X | | | | | |
| 1025 | | | | 04 ↓ | | 8 | | | | | | X | | | | | |
| 1050 | | | | BH01-1' | | 9 | | | | | | X | | | | | |
| 1059 | | | | BH02-1' | | 10 | | | | | | X | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovento@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com | | | | | | | | | | | | | | | | | |
| 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>Cole Burton</u> <u>Israel Estrella</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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <u>(Y)</u> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u> | | | | | | | | | |
| <u>Michelle Gonzales</u> | | 2/28/25 | 7:15 | <u>Michelle Gonzales</u> | | 2-28-25 | 0945 | | | | | | | | | | |
| <u>J.M.</u> | | 2-28-25 | 1600 | <u>J.M.</u> | | 2-28-25 | 1700 | | | | | | | | | | |
| <u>J.M.</u> | | 2-28-25 | 2400 | <u>Carla Ma</u> | | 3-3-25 | 700 | | | | | | | | | | |
| 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

WO# 21522634

| Client Information | | | | Invoice Information | | Lab Use Only | | TAT | | | | State | | | |
|--------------------------------------|--|--|--|--------------------------------------|--|--------------|--|--------------|--|--|--|-------------|--|--|--|
| Client: Devon | | | | Company: Devon Energy | | Lab WO# | | 1D 2D 3D Std | | | | NM CO UT TX | | | |
| Project: <u>Twist Unit 43H</u> | | | | Address: 5315 Buena Vista Dr | | E502295 | | Job Number | | | | 610580007 | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | X | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@dnv.com | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | |
| Email: agiovengo@ensolum.com | | | | | | | | | | | | | | | |

| Sample Information | | | | | | Analysis and Method | | | | | | | | | | EPA Program | | |
|--------------------|--------------|--------|-------------------|-----------|--------------|---------------------|----------------|-----------------|--------------|-------------|----------------|------------|----------------|---------------|------|-------------|------|--|
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/RO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA | |
| 1105 | 2/27/25 | Soil | 1 | BH03-1' | | 11 | | | | | | X | | | | | | |
| 1303 | | | | SS01A-0' | | 12 | | | | | | X | | | | | | |
| 1307 | | | | SS01A-1' | | 13 | | | | | | X | | | | | | |
| 1045 | | | | BH01-0' | | 14 | | | | | | X | | | | | | |
| 1054 | | | | 02 | | 15 | | | | | | X | | | | | | |
| 1103 | | | | 63 | | 16 | | | | | | X | | | | | | |
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Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com

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: Cole Burton Israel Estrella

| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time |
|------------------------------|---------|------|--------------------------|---------|------|
| <u>[Signature]</u> | 2/28/25 | 7:15 | <u>Michelle Gonzales</u> | 2-28-25 | 0945 |
| <u>Michelle Gonzales</u> | 2-28-25 | 1600 | <u>[Signature]</u> | 2-28-25 | 1700 |
| <u>[Signature]</u> | 2-28-25 | 2400 | <u>Carlton</u> | 3-3-25 | 700 |
| | | | | | |

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: 3/3/2025 10:16:24AM

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: | Devon Energy - Carlsbad | Date Received: | 03/03/25 07:00 | Work Order ID: | E502295 |
| Phone: | (505) 382-1211 | Date Logged In: | 02/28/25 16:51 | Logged In By: | Noe Soto |
| Email: | agiovento@ensolum.com | Due Date: | 03/07/25 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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

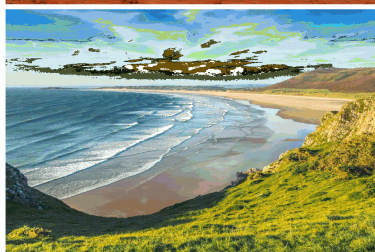
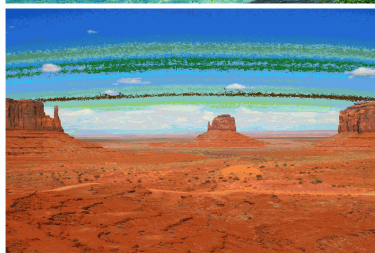
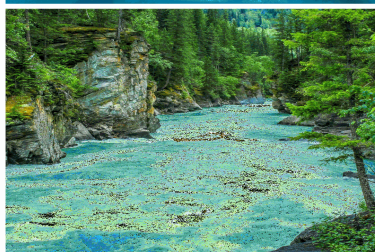
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E503177

Job Number: 01058-0007

Received: 3/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/26/25

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: 3/26/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Thistle Unit #043H
Workorder: E503177
Date Received: 3/20/2025 11:30:54PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/20/2025 11:30:54PM, under the Project Name: Thistle Unit #043H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H 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

Field Offices:

Southern New Mexico Area

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Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 03/26/25 10:03 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH04-3' | E503177-01A | Soil | 03/19/25 | 03/20/25 | Glass Jar, 2 oz. |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/26/2025 10:03:40AM

BH04-3'

E503177-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2512163 | |
| Benzene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| Toluene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/21/25 | 03/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 94.3 % | 70-130 | | 03/21/25 | 03/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2512163 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 83.4 % | 70-130 | | 03/21/25 | 03/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KH | | Batch: 2512167 | |
| Diesel Range Organics (C10-C28) | 904 | 25.0 | 1 | 03/21/25 | 03/21/25 | |
| Oil Range Organics (C28-C36) | 1230 | 50.0 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 93.1 % | 61-141 | | 03/21/25 | 03/21/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2512155 | |
| Chloride | 335 | 20.0 | 1 | 03/21/25 | 03/21/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 10:03:40AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2512163-BLK1)

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.72 | | 8.00 | | 96.5 | 70-130 | | | |

LCS (2512163-BS1)

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 5.38 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| Ethylbenzene | 5.24 | 0.0250 | 5.00 | | 105 | 70-130 | | | |
| Toluene | 5.45 | 0.0250 | 5.00 | | 109 | 70-130 | | | |
| o-Xylene | 5.40 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| p,m-Xylene | 10.5 | 0.0500 | 10.0 | | 105 | 70-130 | | | |
| Total Xylenes | 15.9 | 0.0250 | 15.0 | | 106 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.77 | | 8.00 | | 97.1 | 70-130 | | | |

LCS Dup (2512163-BSD1)

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene | 5.51 | 0.0250 | 5.00 | | 110 | 70-130 | 2.43 | 20 | |
| Ethylbenzene | 5.37 | 0.0250 | 5.00 | | 107 | 70-130 | 2.50 | 20 | |
| Toluene | 5.59 | 0.0250 | 5.00 | | 112 | 70-130 | 2.56 | 20 | |
| o-Xylene | 5.53 | 0.0250 | 5.00 | | 111 | 70-130 | 2.34 | 20 | |
| p,m-Xylene | 10.8 | 0.0500 | 10.0 | | 108 | 70-130 | 2.47 | 20 | |
| Total Xylenes | 16.3 | 0.0250 | 15.0 | | 109 | 70-130 | 2.42 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.73 | | 8.00 | | 96.6 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 10:03:40AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2512163-BLK1) Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.72 | | 8.00 | | 84.0 | 70-130 | | | |

LCS (2512163-BS2) Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 52.8 | 20.0 | 50.0 | | 106 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.90 | | 8.00 | | 86.3 | 70-130 | | | |

LCS Dup (2512163-BSD2) Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 49.0 | 20.0 | 50.0 | | 98.0 | 70-130 | 7.36 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.92 | | 8.00 | | 86.5 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 10:03:40AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2512167-BLK1) | | | | | Prepared: 03/21/25 Analyzed: 03/21/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 45.5 | | 50.0 | | 91.1 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2512167-BS1) | | | | | Prepared: 03/21/25 Analyzed: 03/21/25 | | | | |
| Diesel Range Organics (C10-C28) | 231 | 25.0 | 250 | | 92.5 | 66-144 | | | |
| Surrogate: n-Nonane | 46.6 | | 50.0 | | 93.1 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2512167-MS1) | | | | | Source: E503166-04 | | Prepared: 03/21/25 Analyzed: 03/21/25 | | |
| Diesel Range Organics (C10-C28) | 265 | 25.0 | 250 | ND | 106 | 56-156 | | | |
| Surrogate: n-Nonane | 51.5 | | 50.0 | | 103 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2512167-MSD1) | | | | | Source: E503166-04 | | Prepared: 03/21/25 Analyzed: 03/21/25 | | |
| Diesel Range Organics (C10-C28) | 256 | 25.0 | 250 | ND | 102 | 56-156 | 3.29 | 20 | |
| Surrogate: n-Nonane | 49.9 | | 50.0 | | 99.7 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 10:03:40AM |

Anions by EPA 300.0/9056A

Analyst: JM

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

| | | | | | | | | | |
|------------------------|-----|------|-----|--|---------------------------------------|--------|-------|----|--|
| Blank (2512155-BLK1) | | | | | Prepared: 03/20/25 Analyzed: 03/20/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2512155-BS1) | | | | | Prepared: 03/20/25 Analyzed: 03/20/25 | | | | |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | |
| LCS Dup (2512155-BSD1) | | | | | Prepared: 03/20/25 Analyzed: 03/20/25 | | | | |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | 0.159 | 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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 03/26/25 10:03 |

- 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: 3/21/2025 9:10:22AM

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: | Devon Energy - Carlsbad | Date Received: | 03/20/25 23:30 | Work Order ID: | E503177 |
| Phone: | (505) 382-1211 | Date Logged In: | 03/20/25 16:04 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 03/27/25 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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.

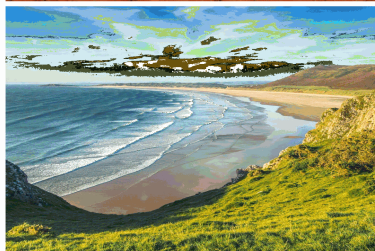
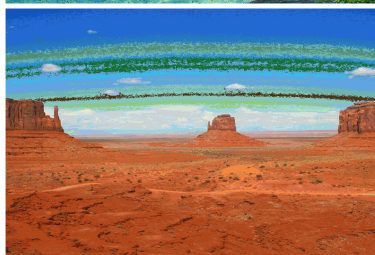
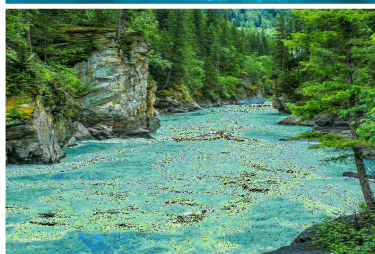
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E503178

Job Number: 01058-0007

Received: 3/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/26/25

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: 3/26/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Thistle Unit #043H
Workorder: E503178
Date Received: 3/20/2025 11:30:54PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/20/2025 11:30:54PM, under the Project Name: Thistle Unit #043H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H 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

Field Offices:

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Lynn Jarboe
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Office: 505-421-LABS(5227)
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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 03/26/25 11:04 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH04-4' | E503178-01A | Soil | 03/19/25 | 03/20/25 | Glass Jar, 2 oz. |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/26/2025 11:04:32AM

BH04-4'

E503178-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: IY | | Batch: 2512163 | |
| Benzene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| Toluene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/21/25 | 03/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 95.5 % | 70-130 | | 03/21/25 | 03/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | Batch: 2512163 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | 84.4 % | 70-130 | | 03/21/25 | 03/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2512167 | |
| Diesel Range Organics (C10-C28) | 1990 | 25.0 | 1 | 03/21/25 | 03/21/25 | |
| Oil Range Organics (C28-C36) | 2400 | 50.0 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: n-Nonane</i> | 94.1 % | 61-141 | | 03/21/25 | 03/21/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2512155 | |
| Chloride | 442 | 20.0 | 1 | 03/21/25 | 03/21/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 11:04:32AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2512163-BLK1)

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.72 | | 8.00 | | 96.5 | 70-130 | | | |

LCS (2512163-BS1)

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 5.38 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| Ethylbenzene | 5.24 | 0.0250 | 5.00 | | 105 | 70-130 | | | |
| Toluene | 5.45 | 0.0250 | 5.00 | | 109 | 70-130 | | | |
| o-Xylene | 5.40 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| p,m-Xylene | 10.5 | 0.0500 | 10.0 | | 105 | 70-130 | | | |
| Total Xylenes | 15.9 | 0.0250 | 15.0 | | 106 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.77 | | 8.00 | | 97.1 | 70-130 | | | |

LCS Dup (2512163-BSD1)

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene | 5.51 | 0.0250 | 5.00 | | 110 | 70-130 | 2.43 | 20 | |
| Ethylbenzene | 5.37 | 0.0250 | 5.00 | | 107 | 70-130 | 2.50 | 20 | |
| Toluene | 5.59 | 0.0250 | 5.00 | | 112 | 70-130 | 2.56 | 20 | |
| o-Xylene | 5.53 | 0.0250 | 5.00 | | 111 | 70-130 | 2.34 | 20 | |
| p,m-Xylene | 10.8 | 0.0500 | 10.0 | | 108 | 70-130 | 2.47 | 20 | |
| Total Xylenes | 16.3 | 0.0250 | 15.0 | | 109 | 70-130 | 2.42 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.73 | | 8.00 | | 96.6 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 11:04:32AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2512163-BLK1) Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.72 | | 8.00 | | 84.0 | 70-130 | | | |

LCS (2512163-BS2) Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 52.8 | 20.0 | 50.0 | | 106 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.90 | | 8.00 | | 86.3 | 70-130 | | | |

LCS Dup (2512163-BSD2) Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 49.0 | 20.0 | 50.0 | | 98.0 | 70-130 | 7.36 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.92 | | 8.00 | | 86.5 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 11:04:32AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2512167-BLK1)

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: <i>n</i> -Nonane | 45.5 | | 50.0 | | 91.1 | 61-141 | | | |

LCS (2512167-BS1)

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 231 | 25.0 | 250 | | 92.5 | 66-144 | | | |
| Surrogate: <i>n</i> -Nonane | 46.6 | | 50.0 | | 93.1 | 61-141 | | | |

Matrix Spike (2512167-MS1)

Source: E503166-04

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 265 | 25.0 | 250 | ND | 106 | 56-156 | | | |
| Surrogate: <i>n</i> -Nonane | 51.5 | | 50.0 | | 103 | 61-141 | | | |

Matrix Spike Dup (2512167-MSD1)

Source: E503166-04

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 256 | 25.0 | 250 | ND | 102 | 56-156 | 3.29 | 20 | |
| Surrogate: <i>n</i> -Nonane | 49.9 | | 50.0 | | 99.7 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 11:04:32AM |

Anions by EPA 300.0/9056A

Analyst: JM

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

| | | | | | | | | | |
|------------------------|-----|------|-----|--|---------------------------------------|--------|-------|----|--|
| Blank (2512155-BLK1) | | | | | Prepared: 03/20/25 Analyzed: 03/20/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2512155-BS1) | | | | | Prepared: 03/20/25 Analyzed: 03/20/25 | | | | |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | |
| LCS Dup (2512155-BSD1) | | | | | Prepared: 03/20/25 Analyzed: 03/20/25 | | | | |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | 0.159 | 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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 03/26/25 11:04 |

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.



Chain of Custody

W0# 21522634

| Client Information | | | | Invoice Information | | | | Lab Use Only | | | | TAT | | | | State | | | |
|--|-----------------|--------------|--|--------------------------------------|-------------------|------------|-----------------|----------------------------|--------------|-----------------------|----------------|------------|----------------|---------------|------|---|------|----|----|
| Client: Devon | | | | Company: Devon Energy | | | | Lab WO# E503178 | | Job Number 01058-0001 | | 1D | 2D | 3D | Std | NM | CO | UT | TX |
| Project: Thistle Unit #043H | | | | Address: 5315 Buena Vista Dr | | | | | | | | | | | X | X | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | | | | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@dvn.com | | | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | | | |
| Email: agiovengo@ensolum.com | | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | Analysis and Method | | | | | | | | EPA Program | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/ORO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA | | |
| 13:07 | 3/19/2025 | S | 1 | BH04 - 4' | | 1 | | | | | | X | | | | | | | |
| | | | | | | | | | | | | | | | | Compliance Y or N | | | |
| | | | | | | | | | | | | | | | | PWSID # | | | |
| | | | | | | | | | | | | | | | | Remarks | | | |
| | | | | | | | | | | | | | | | | Do not run unless BH04 - 3' Cl is > 600 or TPH is > 100 | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, bmoir@ensolum.com | | | | | | | | | | | | | | | | | | | |
| 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: Cole Burton | | | | | | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <i>[Signature]</i> | Date 3/20/25 | Time 7:30 | Received by: (Signature) <i>Michelle Gonzales</i> | Date 3-20-25 | Time 0730 | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <i>Michelle Gonzales</i> | Date 3-20-25 | Time 1640 | Received by: (Signature) <i>[Signature]</i> | Date 3-20-25 | Time 1700 | | | | | | | | | | | | | | |
| Relinquished by: (Signature) <i>[Signature]</i> | Date 3-20-25 | Time 2300 | Received by: (Signature) <i>Caitlin Mann</i> | Date 3-20-25 | Time 2400-2330 | | | | | | | | | | | | | | |
| Relinquished by: (Signature) | Date | Time | Received by: (Signature) | Date | Time | | | | | | | | | | | | | | |



envirotecl

Envirotech Analytical Laboratory

Printed: 3/21/2025 9:32:21AM

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: | Devon Energy - Carlsbad | Date Received: | 03/20/25 23:30 | Work Order ID: | E503178 |
| Phone: | (505) 382-1211 | Date Logged In: | 03/20/25 16:07 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 03/27/25 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/Resolution

Client Remarks- Do not run unless BH04-3
Cl is >600 or TPH is >100

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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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

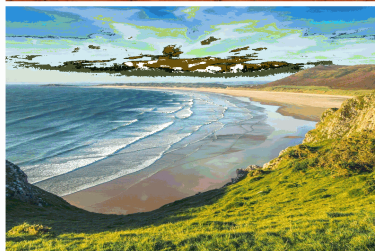
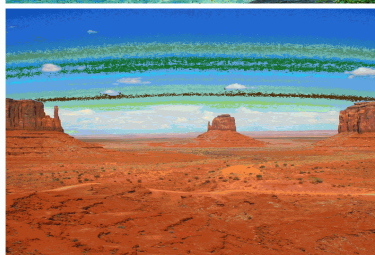
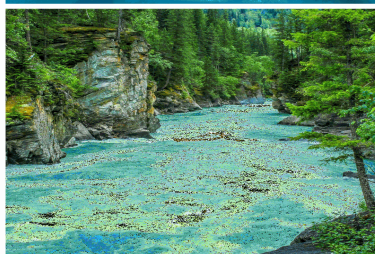
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E503179

Job Number: 01058-0007

Received: 3/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/26/25

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: 3/26/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Thistle Unit #043H
Workorder: E503179
Date Received: 3/20/2025 11:30:54PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/20/2025 11:30:54PM, under the Project Name: Thistle Unit #043H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H 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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 03/26/25 10:16 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH04-0' | E503179-01A | Soil | 03/19/25 | 03/20/25 | Glass Jar, 2 oz. |
| BH04-1' | E503179-02A | Soil | 03/19/25 | 03/20/25 | Glass Jar, 2 oz. |
| BH04-2' | E503179-03A | Soil | 03/19/25 | 03/20/25 | Glass Jar, 2 oz. |



Sample Data

| | | |
|---|--|--|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Thistle Unit #043H Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 3/26/2025 10:16:19AM |
|---|--|--|

BH04-0'

E503179-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: IY | | Batch: 2512163 | |
| Benzene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| Toluene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/21/25 | 03/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | 97.8 % | 70-130 | | 03/21/25 | 03/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | Batch: 2512163 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | 84.3 % | 70-130 | | 03/21/25 | 03/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2512167 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 03/21/25 | 03/21/25 | |
| Oil Range Organics (C28-C36) | 56.1 | 50.0 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: n-Nonane</i> | 88.8 % | 61-141 | | 03/21/25 | 03/21/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2512155 | |
| Chloride | 4110 | 40.0 | 2 | 03/21/25 | 03/21/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/26/2025 10:16:19AM

BH04-1'

E503179-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2512163 |
| Benzene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| Toluene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/21/25 | 03/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 98.1 % | 70-130 | | 03/21/25 | 03/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2512163 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 85.3 % | 70-130 | | 03/21/25 | 03/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2512167 |
| Diesel Range Organics (C10-C28) | 1780 | 25.0 | 1 | 03/21/25 | 03/21/25 | |
| Oil Range Organics (C28-C36) | 1760 | 50.0 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 95.0 % | 61-141 | | 03/21/25 | 03/21/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2512155 |
| Chloride | 2700 | 40.0 | 2 | 03/21/25 | 03/21/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/26/2025 10:16:19AM

BH04-2'

E503179-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2512163 |
| Benzene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| Toluene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| o-Xylene | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 03/21/25 | 03/21/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 96.6 % | 70-130 | | 03/21/25 | 03/21/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2512163 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 03/21/25 | 03/21/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 83.8 % | 70-130 | | 03/21/25 | 03/21/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2512167 |
| Diesel Range Organics (C10-C28) | 280 | 25.0 | 1 | 03/21/25 | 03/24/25 | |
| Oil Range Organics (C28-C36) | 464 | 50.0 | 1 | 03/21/25 | 03/24/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 89.6 % | 61-141 | | 03/21/25 | 03/24/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2512155 |
| Chloride | 337 | 20.0 | 1 | 03/21/25 | 03/21/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 10:16:19AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2512163-BLK1)

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.72 | | 8.00 | | 96.5 | 70-130 | | | |

LCS (2512163-BS1)

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 5.38 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| Ethylbenzene | 5.24 | 0.0250 | 5.00 | | 105 | 70-130 | | | |
| Toluene | 5.45 | 0.0250 | 5.00 | | 109 | 70-130 | | | |
| o-Xylene | 5.40 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| p,m-Xylene | 10.5 | 0.0500 | 10.0 | | 105 | 70-130 | | | |
| Total Xylenes | 15.9 | 0.0250 | 15.0 | | 106 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.77 | | 8.00 | | 97.1 | 70-130 | | | |

LCS Dup (2512163-BSD1)

Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene | 5.51 | 0.0250 | 5.00 | | 110 | 70-130 | 2.43 | 20 | |
| Ethylbenzene | 5.37 | 0.0250 | 5.00 | | 107 | 70-130 | 2.50 | 20 | |
| Toluene | 5.59 | 0.0250 | 5.00 | | 112 | 70-130 | 2.56 | 20 | |
| o-Xylene | 5.53 | 0.0250 | 5.00 | | 111 | 70-130 | 2.34 | 20 | |
| p,m-Xylene | 10.8 | 0.0500 | 10.0 | | 108 | 70-130 | 2.47 | 20 | |
| Total Xylenes | 16.3 | 0.0250 | 15.0 | | 109 | 70-130 | 2.42 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.73 | | 8.00 | | 96.6 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 10:16:19AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2512163-BLK1) Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.72 | | 8.00 | | 84.0 | 70-130 | | | |

LCS (2512163-BS2) Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 52.8 | 20.0 | 50.0 | | 106 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.90 | | 8.00 | | 86.3 | 70-130 | | | |

LCS Dup (2512163-BSD2) Prepared: 03/21/25 Analyzed: 03/21/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 49.0 | 20.0 | 50.0 | | 98.0 | 70-130 | 7.36 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.92 | | 8.00 | | 86.5 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 10:16:19AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2512167-BLK1) | | | | | Prepared: 03/21/25 Analyzed: 03/21/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 45.5 | | 50.0 | | 91.1 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2512167-BS1) | | | | | Prepared: 03/21/25 Analyzed: 03/21/25 | | | | |
| Diesel Range Organics (C10-C28) | 231 | 25.0 | 250 | | 92.5 | 66-144 | | | |
| Surrogate: n-Nonane | 46.6 | | 50.0 | | 93.1 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2512167-MS1) | | | | | Source: E503166-04 | | Prepared: 03/21/25 Analyzed: 03/21/25 | | |
| Diesel Range Organics (C10-C28) | 265 | 25.0 | 250 | ND | 106 | 56-156 | | | |
| Surrogate: n-Nonane | 51.5 | | 50.0 | | 103 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2512167-MSD1) | | | | | Source: E503166-04 | | Prepared: 03/21/25 Analyzed: 03/21/25 | | |
| Diesel Range Organics (C10-C28) | 256 | 25.0 | 250 | ND | 102 | 56-156 | 3.29 | 20 | |
| Surrogate: n-Nonane | 49.9 | | 50.0 | | 99.7 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 3/26/2025 10:16:19AM |

Anions by EPA 300.0/9056A

Analyst: JM

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

| | | | | | | | | | |
|------------------------|-----|------|-----|--|---------------------------------------|--------|-------|----|--|
| Blank (2512155-BLK1) | | | | | Prepared: 03/20/25 Analyzed: 03/20/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2512155-BS1) | | | | | Prepared: 03/20/25 Analyzed: 03/20/25 | | | | |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | |
| LCS Dup (2512155-BSD1) | | | | | Prepared: 03/20/25 Analyzed: 03/20/25 | | | | |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | 0.159 | 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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 03/26/25 10:16 |

- 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.



Page 1 of 1envirotech

Envirotech Analytical Laboratory

Printed: 3/21/2025 9:13:03AM

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: | Devon Energy - Carlsbad | Date Received: | 03/20/25 23:30 | Work Order ID: | E503179 |
| Phone: | (505) 382-1211 | Date Logged In: | 03/20/25 16:09 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 03/27/25 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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

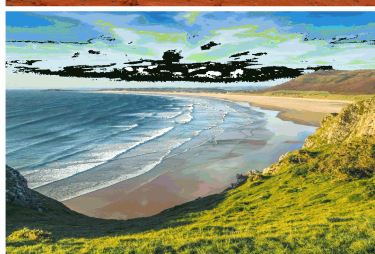
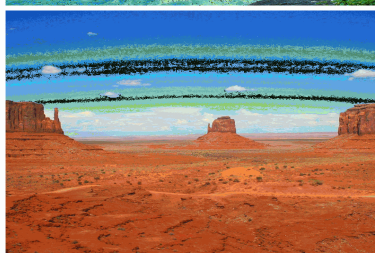
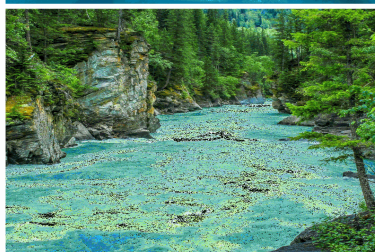
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E504011

Job Number: 01058-0007

Received: 4/3/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/10/25

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: 4/10/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Thistle Unit #043H
Workorder: E504011
Date Received: 4/3/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/3/2025 8:00:00AM, under the Project Name: Thistle Unit #043H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H 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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/10/25 11:18 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH04-5' | E504011-01A | Soil | 04/01/25 | 04/03/25 | Glass Jar, 2 oz. |
| BH04-7' | E504011-02A | Soil | 04/01/25 | 04/03/25 | Glass Jar, 2 oz. |
| BH04-8.5' | E504011-03A | Soil | 04/01/25 | 04/03/25 | Glass Jar, 2 oz. |



Sample Data

| | | | |
|-------------------------|------------------|--------------------|--|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | Reported: 4/10/2025 11:18:58AM |

BH04-5'

E504011-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------------|--------------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2514091 | |
| Benzene | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| Toluene | 0.132 | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/03/25 | 04/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 101 % | 70-130 | 04/03/25 | 04/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2514091 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/03/25 | 04/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 97.3 % | 70-130 | 04/03/25 | 04/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2514089 | |
| Diesel Range Organics (C10-C28) | 8590 | 250 | 10 | 04/03/25 | 04/09/25 | |
| Oil Range Organics (C28-C36) | 4960 | 500 | 10 | 04/03/25 | 04/09/25 | |
| <i>Surrogate: n-Nonane</i> | | 86.6 % | 61-141 | 04/03/25 | 04/09/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: AK | | Batch: 2514098 | |
| Chloride | 1280 | 20.0 | 1 | 04/03/25 | 04/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/10/2025 11:18:58AM

BH04-7'

E504011-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2514091 |
| Benzene | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| Toluene | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/03/25 | 04/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 116 % | 70-130 | 04/03/25 | 04/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2514091 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/03/25 | 04/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 101 % | 70-130 | 04/03/25 | 04/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2514089 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/03/25 | 04/05/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/03/25 | 04/05/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 97.4 % | 61-141 | 04/03/25 | 04/05/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: AK | | Batch: 2514098 |
| Chloride | 1340 | 20.0 | 1 | 04/03/25 | 04/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/10/2025 11:18:58AM

BH04-8.5'

E504011-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2514091 | |
| Benzene | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| Toluene | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/03/25 | 04/03/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/03/25 | 04/03/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 100 % | 70-130 | 04/03/25 | 04/03/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2514091 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/03/25 | 04/03/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 95.2 % | 70-130 | 04/03/25 | 04/03/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KH | | Batch: 2514089 | |
| Diesel Range Organics (C10-C28) | 72.3 | 25.0 | 1 | 04/03/25 | 04/05/25 | |
| Oil Range Organics (C28-C36) | 57.3 | 50.0 | 1 | 04/03/25 | 04/05/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 98.8 % | 61-141 | 04/03/25 | 04/05/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: AK | | Batch: 2514098 | |
| Chloride | 2190 | 40.0 | 2 | 04/03/25 | 04/03/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/10/2025 11:18:58AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2514091-BLK1)

Prepared: 04/03/25 Analyzed: 04/03/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.90 | | 8.00 | | 98.8 | 70-130 | | | |

LCS (2514091-BS1)

Prepared: 04/03/25 Analyzed: 04/03/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.26 | 0.0250 | 5.00 | | 85.2 | 70-130 | | | |
| Ethylbenzene | 4.09 | 0.0250 | 5.00 | | 81.9 | 70-130 | | | |
| Toluene | 4.20 | 0.0250 | 5.00 | | 84.0 | 70-130 | | | |
| o-Xylene | 4.10 | 0.0250 | 5.00 | | 81.9 | 70-130 | | | |
| p,m-Xylene | 8.25 | 0.0500 | 10.0 | | 82.5 | 70-130 | | | |
| Total Xylenes | 12.3 | 0.0250 | 15.0 | | 82.3 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.06 | | 8.00 | | 101 | 70-130 | | | |

LCS Dup (2514091-BSD1)

Prepared: 04/03/25 Analyzed: 04/03/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene | 4.92 | 0.0250 | 5.00 | | 98.4 | 70-130 | 14.4 | 20 | |
| Ethylbenzene | 4.74 | 0.0250 | 5.00 | | 94.8 | 70-130 | 14.7 | 20 | |
| Toluene | 4.86 | 0.0250 | 5.00 | | 97.3 | 70-130 | 14.6 | 20 | |
| o-Xylene | 4.74 | 0.0250 | 5.00 | | 94.9 | 70-130 | 14.6 | 20 | |
| p,m-Xylene | 9.54 | 0.0500 | 10.0 | | 95.4 | 70-130 | 14.5 | 20 | |
| Total Xylenes | 14.3 | 0.0250 | 15.0 | | 95.2 | 70-130 | 14.5 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.17 | | 8.00 | | 102 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/10/2025 11:18:58AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2514091-BLK1) Prepared: 04/03/25 Analyzed: 04/03/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.54 | | 8.00 | | 94.2 | 70-130 | | | |

LCS (2514091-BS2) Prepared: 04/03/25 Analyzed: 04/03/25

| | | | | | | | | | |
|---|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 50.8 | 20.0 | 50.0 | | 102 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.02 | | 8.00 | | 100 | 70-130 | | | |

LCS Dup (2514091-BSD2) Prepared: 04/03/25 Analyzed: 04/03/25

| | | | | | | | | | |
|---|------|------|------|--|-----|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 52.5 | 20.0 | 50.0 | | 105 | 70-130 | 3.40 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.16 | | 8.00 | | 102 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/10/2025 11:18:58AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2514089-BLK1) | | | | | Prepared: 04/03/25 Analyzed: 04/04/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 53.6 | | 50.0 | | 107 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2514089-BS1) | | | | | Prepared: 04/03/25 Analyzed: 04/04/25 | | | | |
| Diesel Range Organics (C10-C28) | 236 | 25.0 | 250 | | 94.5 | 66-144 | | | |
| Surrogate: n-Nonane | 45.8 | | 50.0 | | 91.6 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2514089-MS1) | | | | | Source: E504015-22 | | Prepared: 04/03/25 Analyzed: 04/04/25 | | |
| Diesel Range Organics (C10-C28) | 249 | 25.0 | 250 | ND | 99.5 | 56-156 | | | |
| Surrogate: n-Nonane | 49.3 | | 50.0 | | 98.5 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2514089-MSD1) | | | | | Source: E504015-22 | | Prepared: 04/03/25 Analyzed: 04/04/25 | | |
| Diesel Range Organics (C10-C28) | 266 | 25.0 | 250 | ND | 107 | 56-156 | 6.82 | 20 | |
| Surrogate: n-Nonane | 52.1 | | 50.0 | | 104 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|----------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/10/2025 11:18:58AM |

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 (2514098-BLK1) | | | | | Prepared: 04/03/25 Analyzed: 04/03/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2514098-BS1) | | | | | Prepared: 04/03/25 Analyzed: 04/03/25 | | | | |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2514098-MS1) | | | | | Source: E504010-05 | | Prepared: 04/03/25 Analyzed: 04/03/25 | | |
| Chloride | 296 | 20.0 | 250 | 38.6 | 103 | 80-120 | | | |
| Matrix Spike Dup (2514098-MSD1) | | | | | Source: E504010-05 | | Prepared: 04/03/25 Analyzed: 04/03/25 | | |
| Chloride | 302 | 20.0 | 250 | 38.6 | 105 | 80-120 | 1.81 | 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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/10/25 11:18 |

- 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.



Envirotech Analytical Laboratory

Printed: 4/3/2025 10:02:25AM

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: | Devon Energy - Carlsbad | Date Received: | 04/03/25 08:00 | Work Order ID: | E504011 |
| Phone: | (505) 382-1211 | Date Logged In: | 04/02/25 16:25 | Logged In By: | Noe Soto |
| Email: | agiovento@ensolum.com | Due Date: | 04/09/25 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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.

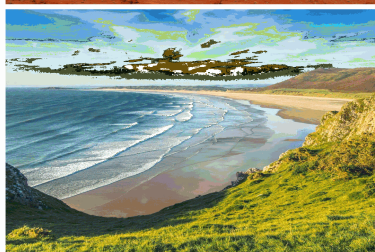
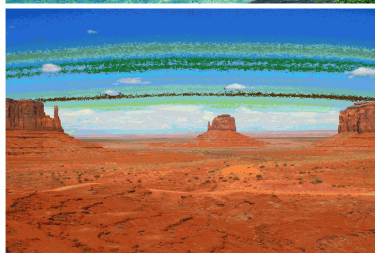
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E504068

Job Number: 01058-0007

Received: 4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/25

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: 4/16/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Thistle Unit #043H
Workorder: E504068
Date Received: 4/10/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2025 7:00:00AM, under the Project Name: Thistle Unit #043H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H 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

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Sample Summary

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 09:19 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH04-9' | E504068-01A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |
| BH04-10' | E504068-02A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 9:19:07AM

BH04-9'

E504068-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2515065 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/10/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 100 % | 70-130 | 04/10/25 | 04/10/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2515065 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 94.8 % | 70-130 | 04/10/25 | 04/10/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2515090 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/11/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: n-Nonane</i> | | 106 % | 61-141 | 04/10/25 | 04/11/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2515073 | |
| Chloride | 657 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 9:19:07AM

BH04-10'

E504068-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2515065 |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/10/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 99.4 % | 70-130 | | 04/10/25 | 04/10/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: SL | | Batch: 2515065 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 95.2 % | 70-130 | | 04/10/25 | 04/10/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2515090 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/11/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 103 % | 61-141 | | 04/10/25 | 04/11/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: DT | | Batch: 2515073 |
| Chloride | 490 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:19:07AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2515065-BLK1)

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| 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 | 8.02 | | 8.00 | | 100 | 70-130 | | | |

LCS (2515065-BS1)

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.87 | 0.0250 | 5.00 | | 97.4 | 70-130 | | | |
| Ethylbenzene | 4.79 | 0.0250 | 5.00 | | 95.9 | 70-130 | | | |
| Toluene | 4.84 | 0.0250 | 5.00 | | 96.8 | 70-130 | | | |
| o-Xylene | 4.78 | 0.0250 | 5.00 | | 95.6 | 70-130 | | | |
| p,m-Xylene | 9.54 | 0.0500 | 10.0 | | 95.4 | 70-130 | | | |
| Total Xylenes | 14.3 | 0.0250 | 15.0 | | 95.5 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.00 | | 8.00 | | 100 | 70-130 | | | |

LCS Dup (2515065-BSD1)

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene | 4.17 | 0.0250 | 5.00 | | 83.4 | 70-130 | 15.5 | 20 | |
| Ethylbenzene | 4.12 | 0.0250 | 5.00 | | 82.4 | 70-130 | 15.1 | 20 | |
| Toluene | 4.16 | 0.0250 | 5.00 | | 83.2 | 70-130 | 15.1 | 20 | |
| o-Xylene | 4.14 | 0.0250 | 5.00 | | 82.8 | 70-130 | 14.4 | 20 | |
| p,m-Xylene | 8.23 | 0.0500 | 10.0 | | 82.3 | 70-130 | 14.8 | 20 | |
| Total Xylenes | 12.4 | 0.0250 | 15.0 | | 82.5 | 70-130 | 14.6 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.87 | | 8.00 | | 98.4 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:19:07AM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2515065-BLK1) Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 | | 8.00 | | 94.8 | 70-130 | | | |

LCS (2515065-BS2) Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 49.7 | 20.0 | 50.0 | | 99.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.19 | | 8.00 | | 102 | 70-130 | | | |

LCS Dup (2515065-BSD2) Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 50.9 | 20.0 | 50.0 | | 102 | 70-130 | 2.43 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.96 | | 8.00 | | 99.5 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:19:07AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2515090-BLK1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 60.0 | | 50.0 | | 120 | 61-141 | | | |

LCS (2515090-BS1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 245 | 25.0 | 250 | | 98.2 | 66-144 | | | |
| Surrogate: n-Nonane | 48.6 | | 50.0 | | 97.2 | 61-141 | | | |

Matrix Spike (2515090-MS1)

Source: E504069-01

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|-----|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 264 | 25.0 | 250 | ND | 106 | 56-156 | | | |
| Surrogate: n-Nonane | 51.6 | | 50.0 | | 103 | 61-141 | | | |

Matrix Spike Dup (2515090-MSD1)

Source: E504069-01

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 250 | 25.0 | 250 | ND | 99.9 | 56-156 | 5.54 | 20 | |
| Surrogate: n-Nonane | 51.0 | | 50.0 | | 102 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:19:07AM |

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 (2515073-BLK1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2515073-BS1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Chloride | 253 | 20.0 | 250 | | 101 | 90-110 | | | |
| Matrix Spike (2515073-MS1) | | | | | Source: E504067-04 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Chloride | 281 | 20.0 | 250 | 28.9 | 101 | 80-120 | | | |
| Matrix Spike Dup (2515073-MSD1) | | | | | Source: E504067-04 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Chloride | 285 | 20.0 | 250 | 28.9 | 102 | 80-120 | 1.46 | 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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 09:19 |

- 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: Devon | | | | Company: Devon Energy | | Lab WO# | | 1D 2D 3D Std | | | | NM CO UT TX | | | | | |
| Project: Thistle Unit #043H | | | | Address: 5315 Buena Vista Dr | | E 504068 | | Job Number | | | | 21058-0007 | | | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | x | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@dvn.com | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | |
| Email: agiovengo@ensolum.com | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | Analysis and Method | | | | | | | | EPA Program | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | Lab Number | DRO/DRO by 8015 | GRO/DRO by 8015 | BTEX by 8021 | VOC by 8260 | Chloride 300.0 | BGDOC - NM | TCEQ 1005 - TX | RCRA 8 Metals | SDWA | CWA | RCRA |
| 1212 | 4/8/25 | Soil | 1 | BH04-9' | | 1 | | | | | | X | | | | | |
| 1227 | 4/8/25 | Soil | 1 | BH04-10' | | 2 | | | | | | X | | | | | |
| | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, jhinkle@ensolum.com | | | | | | | | | | | | | | | | | |
| 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: Jenna Hinkle | | | | | | | | | | | | | | | | | |
| 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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4 | | | | | | | | | |
| 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: 4/10/2025 8:49:02AM

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: | Devon Energy - Carlsbad | Date Received: | 04/10/25 07:00 | Work Order ID: | E504068 |
| Phone: | (505) 382-1211 | Date Logged In: | 04/09/25 14:10 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 04/16/25 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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

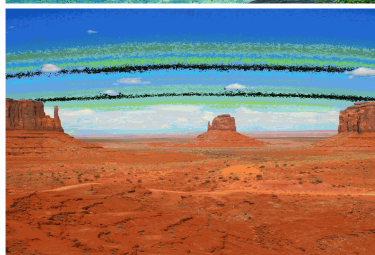
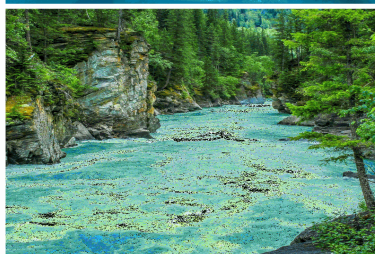
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E504069

Job Number: 01058-0007

Received: 4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/25

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: 4/16/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Thistle Unit #043H
Workorder: E504069
Date Received: 4/10/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2025 7:00:00AM, under the Project Name: Thistle Unit #043H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H 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
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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 09:22 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH04-11' | E504069-01A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 9:22:23AM

BH04-11'

E504069-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2515065 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/10/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 101 % | 70-130 | 04/10/25 | 04/10/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2515065 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 96.9 % | 70-130 | 04/10/25 | 04/10/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2515090 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/11/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/11/25 | |
| <i>Surrogate: n-Nonane</i> | | 103 % | 61-141 | 04/10/25 | 04/11/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2515073 | |
| Chloride | 494 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:22:23AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2515065-BLK1)

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| 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 | 8.02 | | 8.00 | | 100 | 70-130 | | | |

LCS (2515065-BS1)

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.87 | 0.0250 | 5.00 | | 97.4 | 70-130 | | | |
| Ethylbenzene | 4.79 | 0.0250 | 5.00 | | 95.9 | 70-130 | | | |
| Toluene | 4.84 | 0.0250 | 5.00 | | 96.8 | 70-130 | | | |
| o-Xylene | 4.78 | 0.0250 | 5.00 | | 95.6 | 70-130 | | | |
| p,m-Xylene | 9.54 | 0.0500 | 10.0 | | 95.4 | 70-130 | | | |
| Total Xylenes | 14.3 | 0.0250 | 15.0 | | 95.5 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.00 | | 8.00 | | 100 | 70-130 | | | |

LCS Dup (2515065-BSD1)

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|------|----|--|
| Benzene | 4.17 | 0.0250 | 5.00 | | 83.4 | 70-130 | 15.5 | 20 | |
| Ethylbenzene | 4.12 | 0.0250 | 5.00 | | 82.4 | 70-130 | 15.1 | 20 | |
| Toluene | 4.16 | 0.0250 | 5.00 | | 83.2 | 70-130 | 15.1 | 20 | |
| o-Xylene | 4.14 | 0.0250 | 5.00 | | 82.8 | 70-130 | 14.4 | 20 | |
| p,m-Xylene | 8.23 | 0.0500 | 10.0 | | 82.3 | 70-130 | 14.8 | 20 | |
| Total Xylenes | 12.4 | 0.0250 | 15.0 | | 82.5 | 70-130 | 14.6 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.87 | | 8.00 | | 98.4 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:22:23AM |

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

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

Blank (2515065-BLK1) Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.59 | | 8.00 | | 94.8 | 70-130 | | | |

LCS (2515065-BS2) Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 49.7 | 20.0 | 50.0 | | 99.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.19 | | 8.00 | | 102 | 70-130 | | | |

LCS Dup (2515065-BSD2) Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 50.9 | 20.0 | 50.0 | | 102 | 70-130 | 2.43 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.96 | | 8.00 | | 99.5 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:22:23AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2515090-BLK1) | | | | | Prepared: 04/10/25 Analyzed: 04/11/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 60.0 | | 50.0 | | 120 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2515090-BS1) | | | | | Prepared: 04/10/25 Analyzed: 04/11/25 | | | | |
| Diesel Range Organics (C10-C28) | 245 | 25.0 | 250 | | 98.2 | 66-144 | | | |
| Surrogate: n-Nonane | 48.6 | | 50.0 | | 97.2 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2515090-MS1) | | | | | Source: E504069-01 | | Prepared: 04/10/25 Analyzed: 04/11/25 | | |
| Diesel Range Organics (C10-C28) | 264 | 25.0 | 250 | ND | 106 | 56-156 | | | |
| Surrogate: n-Nonane | 51.6 | | 50.0 | | 103 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2515090-MSD1) | | | | | Source: E504069-01 | | Prepared: 04/10/25 Analyzed: 04/11/25 | | |
| Diesel Range Organics (C10-C28) | 250 | 25.0 | 250 | ND | 99.9 | 56-156 | 5.54 | 20 | |
| Surrogate: n-Nonane | 51.0 | | 50.0 | | 102 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:22:23AM |

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 (2515073-BLK1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2515073-BS1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Chloride | 253 | 20.0 | 250 | | 101 | 90-110 | | | |
| Matrix Spike (2515073-MS1) | | | | | Source: E504067-04 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Chloride | 281 | 20.0 | 250 | 28.9 | 101 | 80-120 | | | |
| Matrix Spike Dup (2515073-MSD1) | | | | | Source: E504067-04 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Chloride | 285 | 20.0 | 250 | 28.9 | 102 | 80-120 | 1.46 | 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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 09:22 |

- 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.



envirotech

Envirotech Analytical Laboratory

Printed: 4/10/2025 8:48:37AM

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: | Devon Energy - Carlsbad | Date Received: | 04/10/25 07:00 | Work Order ID: | E504069 |
| Phone: | (505) 382-1211 | Date Logged In: | 04/09/25 14:13 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 04/16/25 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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

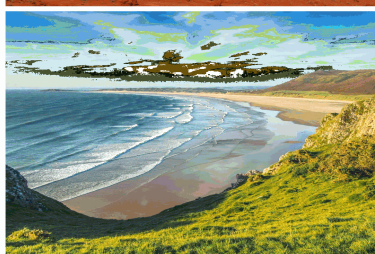
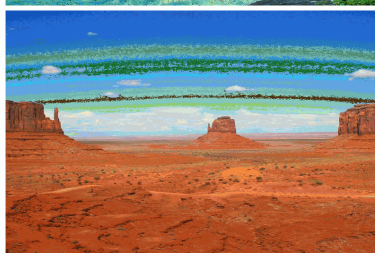
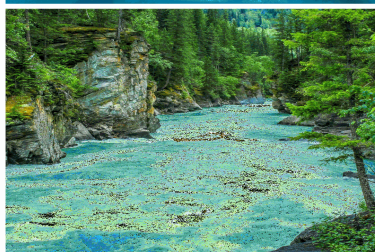
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E504070

Job Number: 01058-0007

Received: 4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/25

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: 4/16/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Thistle Unit #043H
Workorder: E504070
Date Received: 4/10/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2025 7:00:00AM, under the Project Name: Thistle Unit #043H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H 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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mgonzaless@envirotech-inc.com

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Sample Summary

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 09:25 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH04-12' | E504070-01A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 9:25:20AM

BH04-12'

E504070-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2515068 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/10/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 86.9 % | 70-130 | | 04/10/25 | 04/10/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: SL | | Batch: 2515068 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 91.8 % | 70-130 | | 04/10/25 | 04/10/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KH | | Batch: 2515072 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/10/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 104 % | 61-141 | | 04/10/25 | 04/10/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: DT | | Batch: 2515073 | |
| Chloride | 624 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:25:20AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2515068-BLK1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.25 | | 8.00 | | 90.6 | 70-130 | | | |

LCS (2515068-BS1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 5.16 | 0.0250 | 5.00 | | 103 | 70-130 | | | |
| Ethylbenzene | 5.11 | 0.0250 | 5.00 | | 102 | 70-130 | | | |
| Toluene | 5.14 | 0.0250 | 5.00 | | 103 | 70-130 | | | |
| o-Xylene | 5.04 | 0.0250 | 5.00 | | 101 | 70-130 | | | |
| p,m-Xylene | 10.3 | 0.0500 | 10.0 | | 103 | 70-130 | | | |
| Total Xylenes | 15.3 | 0.0250 | 15.0 | | 102 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.15 | | 8.00 | | 89.4 | 70-130 | | | |

Matrix Spike (2515068-MS1)

Source: E504072-03

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 5.19 | 0.0250 | 5.00 | ND | 104 | 70-130 | | | |
| Ethylbenzene | 5.11 | 0.0250 | 5.00 | ND | 102 | 70-130 | | | |
| Toluene | 5.16 | 0.0250 | 5.00 | ND | 103 | 70-130 | | | |
| o-Xylene | 5.06 | 0.0250 | 5.00 | ND | 101 | 70-130 | | | |
| p,m-Xylene | 10.3 | 0.0500 | 10.0 | ND | 103 | 70-130 | | | |
| Total Xylenes | 15.4 | 0.0250 | 15.0 | ND | 102 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.07 | | 8.00 | | 88.4 | 70-130 | | | |

Matrix Spike Dup (2515068-MSD1)

Source: E504072-03

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 4.51 | 0.0250 | 5.00 | ND | 90.1 | 70-130 | 14.1 | 27 | |
| Ethylbenzene | 4.43 | 0.0250 | 5.00 | ND | 88.6 | 70-130 | 14.2 | 26 | |
| Toluene | 4.47 | 0.0250 | 5.00 | ND | 89.4 | 70-130 | 14.3 | 20 | |
| o-Xylene | 4.37 | 0.0250 | 5.00 | ND | 87.5 | 70-130 | 14.5 | 25 | |
| p,m-Xylene | 8.97 | 0.0500 | 10.0 | ND | 89.7 | 70-130 | 14.0 | 23 | |
| Total Xylenes | 13.3 | 0.0250 | 15.0 | ND | 89.0 | 70-130 | 14.1 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.02 | | 8.00 | | 87.8 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:25:20AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2515068-BLK1) Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.43 | | 8.00 | | 92.8 | 70-130 | | | |

LCS (2515068-BS2) Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 41.1 | 20.0 | 50.0 | | 82.2 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.42 | | 8.00 | | 92.7 | 70-130 | | | |

Matrix Spike (2515068-MS2) Source: E504072-03 Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 41.4 | 20.0 | 50.0 | ND | 82.8 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.40 | | 8.00 | | 92.5 | 70-130 | | | |

Matrix Spike Dup (2515068-MSD2) Source: E504072-03 Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 43.2 | 20.0 | 50.0 | ND | 86.3 | 70-130 | 4.12 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.58 | | 8.00 | | 94.7 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:25:20AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2515072-BLK1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 51.1 | | 50.0 | | 102 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2515072-BS1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Diesel Range Organics (C10-C28) | 238 | 25.0 | 250 | | 95.3 | 66-144 | | | |
| Surrogate: n-Nonane | 48.2 | | 50.0 | | 96.4 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2515072-MS1) | | | | | Source: E504072-05 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Diesel Range Organics (C10-C28) | 249 | 25.0 | 250 | ND | 99.8 | 56-156 | | | |
| Surrogate: n-Nonane | 49.3 | | 50.0 | | 98.6 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2515072-MSD1) | | | | | Source: E504072-05 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Diesel Range Organics (C10-C28) | 236 | 25.0 | 250 | ND | 94.3 | 56-156 | 5.60 | 20 | |
| Surrogate: n-Nonane | 48.2 | | 50.0 | | 96.4 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:25:20AM |

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 (2515073-BLK1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2515073-BS1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Chloride | 253 | 20.0 | 250 | | 101 | 90-110 | | | |
| Matrix Spike (2515073-MS1) | | | | | Source: E504067-04 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Chloride | 281 | 20.0 | 250 | 28.9 | 101 | 80-120 | | | |
| Matrix Spike Dup (2515073-MSD1) | | | | | Source: E504067-04 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Chloride | 285 | 20.0 | 250 | 28.9 | 102 | 80-120 | 1.46 | 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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 09:25 |

- 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.



[illegible]

envirotech

Envirotech Analytical Laboratory

Printed: 4/10/2025 8:49:54AM

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: | Devon Energy - Carlsbad | Date Received: | 04/10/25 07:00 | Work Order ID: | E504070 |
| Phone: | (505) 382-1211 | Date Logged In: | 04/09/25 14:15 | Logged In By: | Caitlin Mars |
| Email: | agiovengo@ensolum.com | Due Date: | 04/16/25 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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.

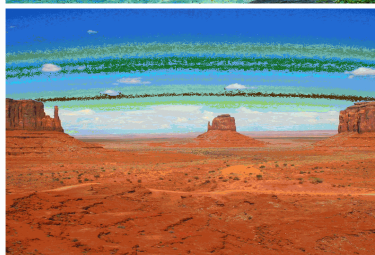
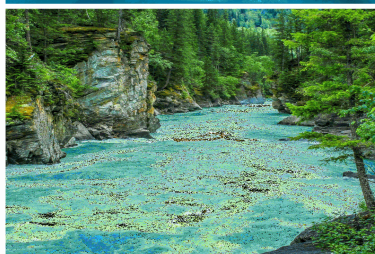
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E504071

Job Number: 01058-0007

Received: 4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/16/25

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: 4/16/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Thistle Unit #043H
Workorder: E504071
Date Received: 4/10/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/10/2025 7:00:00AM, under the Project Name: Thistle Unit #043H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H 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
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
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Envirotech Web Address: www.envirotech-inc.com

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| Chain of Custody etc. | 11 |

Sample Summary

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 09:27 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| BH04-13' | E504071-01A | Soil | 04/08/25 | 04/10/25 | Glass Jar, 2 oz. |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/16/2025 9:27:02AM

BH04-13'

E504071-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: SL | | Batch: 2515068 | |
| Benzene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| Toluene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/10/25 | 04/10/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 86.3 % | 70-130 | 04/10/25 | 04/10/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: SL | | Batch: 2515068 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 91.9 % | 70-130 | 04/10/25 | 04/10/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KH | | Batch: 2515072 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/10/25 | 04/10/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/10/25 | 04/10/25 | |
| <i>Surrogate: n-Nonane</i> | | 104 % | 61-141 | 04/10/25 | 04/10/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | Batch: 2515076 | |
| Chloride | 497 | 20.0 | 1 | 04/10/25 | 04/10/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:27:02AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2515068-BLK1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.25 | | 8.00 | | 90.6 | 70-130 | | | |

LCS (2515068-BS1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 5.16 | 0.0250 | 5.00 | | 103 | 70-130 | | | |
| Ethylbenzene | 5.11 | 0.0250 | 5.00 | | 102 | 70-130 | | | |
| Toluene | 5.14 | 0.0250 | 5.00 | | 103 | 70-130 | | | |
| o-Xylene | 5.04 | 0.0250 | 5.00 | | 101 | 70-130 | | | |
| p,m-Xylene | 10.3 | 0.0500 | 10.0 | | 103 | 70-130 | | | |
| Total Xylenes | 15.3 | 0.0250 | 15.0 | | 102 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.15 | | 8.00 | | 89.4 | 70-130 | | | |

Matrix Spike (2515068-MS1)

Source: E504072-03

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 5.19 | 0.0250 | 5.00 | ND | 104 | 70-130 | | | |
| Ethylbenzene | 5.11 | 0.0250 | 5.00 | ND | 102 | 70-130 | | | |
| Toluene | 5.16 | 0.0250 | 5.00 | ND | 103 | 70-130 | | | |
| o-Xylene | 5.06 | 0.0250 | 5.00 | ND | 101 | 70-130 | | | |
| p,m-Xylene | 10.3 | 0.0500 | 10.0 | ND | 103 | 70-130 | | | |
| Total Xylenes | 15.4 | 0.0250 | 15.0 | ND | 102 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.07 | | 8.00 | | 88.4 | 70-130 | | | |

Matrix Spike Dup (2515068-MSD1)

Source: E504072-03

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 4.51 | 0.0250 | 5.00 | ND | 90.1 | 70-130 | 14.1 | 27 | |
| Ethylbenzene | 4.43 | 0.0250 | 5.00 | ND | 88.6 | 70-130 | 14.2 | 26 | |
| Toluene | 4.47 | 0.0250 | 5.00 | ND | 89.4 | 70-130 | 14.3 | 20 | |
| o-Xylene | 4.37 | 0.0250 | 5.00 | ND | 87.5 | 70-130 | 14.5 | 25 | |
| p,m-Xylene | 8.97 | 0.0500 | 10.0 | ND | 89.7 | 70-130 | 14.0 | 23 | |
| Total Xylenes | 13.3 | 0.0250 | 15.0 | ND | 89.0 | 70-130 | 14.1 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.02 | | 8.00 | | 87.8 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:27:02AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2515068-BLK1)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.43 | | 8.00 | | 92.8 | 70-130 | | | |

LCS (2515068-BS2)

Prepared: 04/10/25 Analyzed: 04/11/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 41.1 | 20.0 | 50.0 | | 82.2 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.42 | | 8.00 | | 92.7 | 70-130 | | | |

Matrix Spike (2515068-MS2)

Source: E504072-03

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 41.4 | 20.0 | 50.0 | ND | 82.8 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.40 | | 8.00 | | 92.5 | 70-130 | | | |

Matrix Spike Dup (2515068-MSD2)

Source: E504072-03

Prepared: 04/10/25 Analyzed: 04/10/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 43.2 | 20.0 | 50.0 | ND | 86.3 | 70-130 | 4.12 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.58 | | 8.00 | | 94.7 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:27:02AM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2515072-BLK1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 51.1 | | 50.0 | | 102 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2515072-BS1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Diesel Range Organics (C10-C28) | 238 | 25.0 | 250 | | 95.3 | 66-144 | | | |
| Surrogate: n-Nonane | 48.2 | | 50.0 | | 96.4 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2515072-MS1) | | | | | Source: E504072-05 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Diesel Range Organics (C10-C28) | 249 | 25.0 | 250 | ND | 99.8 | 56-156 | | | |
| Surrogate: n-Nonane | 49.3 | | 50.0 | | 98.6 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2515072-MSD1) | | | | | Source: E504072-05 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Diesel Range Organics (C10-C28) | 236 | 25.0 | 250 | ND | 94.3 | 56-156 | 5.60 | 20 | |
| Surrogate: n-Nonane | 48.2 | | 50.0 | | 96.4 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|---------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 4/16/2025 9:27:02AM |

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 (2515076-BLK1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2515076-BS1) | | | | | Prepared: 04/10/25 Analyzed: 04/10/25 | | | | |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2515076-MS1) | | | | | Source: E504072-02 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Chloride | 378 | 100 | 250 | ND | 151 | 80-120 | | | M6 |
| Matrix Spike Dup (2515076-MSD1) | | | | | Source: E504072-02 | | Prepared: 04/10/25 Analyzed: 04/10/25 | | |
| Chloride | 356 | 100 | 250 | ND | 142 | 80-120 | 6.17 | 20 | M6 |

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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 04/16/25 09:27 |

- M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
- 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.



envirotech

Envirotech Analytical Laboratory

Printed: 4/10/2025 8:50:26AM

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: | Devon Energy - Carlsbad | Date Received: | 04/10/25 07:00 | Work Order ID: | E504071 |
| Phone: | (505) 382-1211 | Date Logged In: | 04/09/25 14:16 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 04/16/25 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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

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

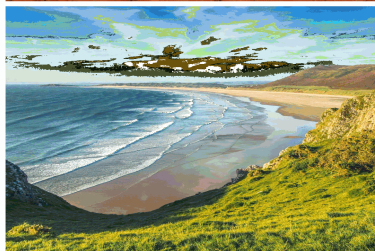
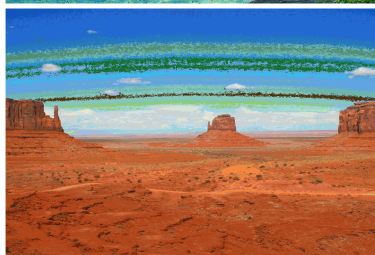
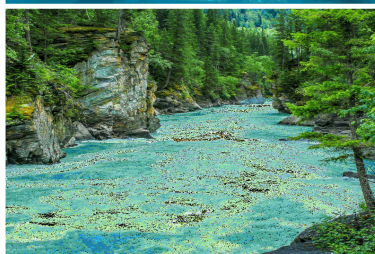
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E505315

Job Number: 01058-0007

Received: 5/31/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/5/25

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: 6/5/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Thistle Unit #043H
Workorder: E505315
Date Received: 5/31/2025 6:15:09AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/31/2025 6:15:09AM, under the Project Name: Thistle Unit #043H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H 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
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Sample Summary

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 06/05/25 14:46 |

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS08-7' | E505315-01A | Soil | 05/28/25 | 05/31/25 | Glass Jar, 2 oz. |
| FS09-1' | E505315-02A | Soil | 05/28/25 | 05/31/25 | Glass Jar, 2 oz. |
| FS10-1' | E505315-03A | Soil | 05/28/25 | 05/31/25 | Glass Jar, 2 oz. |
| SW02-0'-7' | E505315-04A | Soil | 05/28/25 | 05/31/25 | Glass Jar, 2 oz. |
| SW04-0'-7' | E505315-05A | Soil | 05/28/25 | 05/31/25 | Glass Jar, 2 oz. |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:46:31PM

FS08-7'

E505315-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522092 | |
| Benzene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| Toluene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| o-Xylene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 05/31/25 | 05/31/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 103 % | 70-130 | 05/31/25 | 05/31/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522092 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 05/31/25 | 05/31/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 110 % | 70-130 | 05/31/25 | 05/31/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KH | | Batch: 2523018 | |
| Diesel Range Organics (C10-C28) | 121 | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | 107 | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 103 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2523028 | |
| Chloride | 1030 | 20.0 | 1 | 06/02/25 | 06/02/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:46:31PM

FS09-1'

E505315-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | mg/kg | mg/kg | Analyst: IY | | Batch: 2522092 |
| Benzene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| Toluene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| o-Xylene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 05/31/25 | 05/31/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 102 % | 70-130 | 05/31/25 | 05/31/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | mg/kg | mg/kg | Analyst: IY | | Batch: 2522092 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 05/31/25 | 05/31/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 111 % | 70-130 | 05/31/25 | 05/31/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | mg/kg | mg/kg | Analyst: KH | | Batch: 2523018 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 104 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | mg/kg | mg/kg | Analyst: IY | | Batch: 2523028 |
| Chloride | 357 | 20.0 | 1 | 06/02/25 | 06/02/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:46:31PM

FS10-1'

E505315-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | mg/kg | mg/kg | Analyst: IY | | Batch: 2522092 |
| Benzene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| Toluene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| o-Xylene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 05/31/25 | 05/31/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 98.9 % | 70-130 | 05/31/25 | 05/31/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | mg/kg | mg/kg | Analyst: IY | | Batch: 2522092 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 05/31/25 | 05/31/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 112 % | 70-130 | 05/31/25 | 05/31/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | mg/kg | mg/kg | Analyst: KH | | Batch: 2523018 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | 104 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | mg/kg | mg/kg | Analyst: IY | | Batch: 2523028 |
| Chloride | 233 | 20.0 | 1 | 06/02/25 | 06/02/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:46:31PM

SW02-0'-7'

E505315-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522092 |
| Benzene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| Toluene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| o-Xylene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 05/31/25 | 05/31/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 103 % | 70-130 | 05/31/25 | 05/31/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522092 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 05/31/25 | 05/31/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 104 % | 70-130 | 05/31/25 | 05/31/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2523018 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 102 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2523028 |
| Chloride | 976 | 20.0 | 1 | 06/02/25 | 06/02/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:46:31PM

SW04-0'-7'

E505315-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522092 |
| Benzene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| Toluene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| o-Xylene | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 05/31/25 | 05/31/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 05/31/25 | 05/31/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 101 % | 70-130 | 05/31/25 | 05/31/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522092 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 05/31/25 | 05/31/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 106 % | 70-130 | 05/31/25 | 05/31/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2523018 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 104 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2523028 |
| Chloride | 90.1 | 20.0 | 1 | 06/02/25 | 06/02/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|--------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 6/5/2025 2:46:31PM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2522092-BLK1)

Prepared: 05/31/25 Analyzed: 05/31/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| 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 | 7.48 | | 8.00 | | 93.5 | 70-130 | | | |

LCS (2522092-BS1)

Prepared: 05/31/25 Analyzed: 05/31/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 5.49 | 0.0250 | 5.00 | | 110 | 70-130 | | | |
| Ethylbenzene | 5.42 | 0.0250 | 5.00 | | 108 | 70-130 | | | |
| Toluene | 5.45 | 0.0250 | 5.00 | | 109 | 70-130 | | | |
| o-Xylene | 5.37 | 0.0250 | 5.00 | | 107 | 70-130 | | | |
| p,m-Xylene | 11.0 | 0.0500 | 10.0 | | 110 | 70-130 | | | |
| Total Xylenes | 16.4 | 0.0250 | 15.0 | | 109 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.91 | | 8.00 | | 98.9 | 70-130 | | | |

Matrix Spike (2522092-MS1)

Source: E505315-05

Prepared: 05/31/25 Analyzed: 05/31/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 5.02 | 0.0250 | 5.00 | ND | 100 | 70-130 | | | |
| Ethylbenzene | 4.96 | 0.0250 | 5.00 | ND | 99.2 | 70-130 | | | |
| Toluene | 4.99 | 0.0250 | 5.00 | ND | 99.7 | 70-130 | | | |
| o-Xylene | 4.92 | 0.0250 | 5.00 | ND | 98.4 | 70-130 | | | |
| p,m-Xylene | 10.0 | 0.0500 | 10.0 | ND | 100 | 70-130 | | | |
| Total Xylenes | 15.0 | 0.0250 | 15.0 | ND | 99.8 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.77 | | 8.00 | | 97.2 | 70-130 | | | |

Matrix Spike Dup (2522092-MSD1)

Source: E505315-05

Prepared: 05/31/25 Analyzed: 05/31/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|-------|----|--|
| Benzene | 4.96 | 0.0250 | 5.00 | ND | 99.2 | 70-130 | 1.19 | 27 | |
| Ethylbenzene | 4.93 | 0.0250 | 5.00 | ND | 98.6 | 70-130 | 0.545 | 26 | |
| Toluene | 4.94 | 0.0250 | 5.00 | ND | 98.7 | 70-130 | 1.01 | 20 | |
| o-Xylene | 4.88 | 0.0250 | 5.00 | ND | 97.6 | 70-130 | 0.854 | 25 | |
| p,m-Xylene | 10.0 | 0.0500 | 10.0 | ND | 100 | 70-130 | 0.391 | 23 | |
| Total Xylenes | 14.9 | 0.0250 | 15.0 | ND | 99.3 | 70-130 | 0.543 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.95 | | 8.00 | | 99.3 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|--------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 6/5/2025 2:46:31PM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2522092-BLK1)

Prepared: 05/31/25 Analyzed: 05/31/25

| | | | | | | | | | |
|---|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.86 | | 8.00 | | 111 | 70-130 | | | |

LCS (2522092-BS2)

Prepared: 05/31/25 Analyzed: 05/31/25

| | | | | | | | | | |
|---|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 55.2 | 20.0 | 50.0 | | 110 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.76 | | 8.00 | | 109 | 70-130 | | | |

Matrix Spike (2522092-MS2)

Source: E505315-05

Prepared: 05/31/25 Analyzed: 05/31/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 47.7 | 20.0 | 50.0 | ND | 95.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.98 | | 8.00 | | 112 | 70-130 | | | |

Matrix Spike Dup (2522092-MSD2)

Source: E505315-05

Prepared: 05/31/25 Analyzed: 05/31/25

| | | | | | | | | | |
|---|------|------|------|----|-----|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 53.1 | 20.0 | 50.0 | ND | 106 | 70-130 | 10.7 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.56 | | 8.00 | | 107 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|--------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 6/5/2025 2:46:31PM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2523018-BLK1) | | | | | Prepared: 06/02/25 Analyzed: 06/03/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 52.1 | | 50.0 | | 104 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2523018-BS1) | | | | | Prepared: 06/02/25 Analyzed: 06/03/25 | | | | |
| Diesel Range Organics (C10-C28) | 262 | 25.0 | 250 | | 105 | 66-144 | | | |
| Surrogate: n-Nonane | 51.3 | | 50.0 | | 103 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2523018-MS1) | | | | | Source: E505315-02 | | Prepared: 06/02/25 Analyzed: 06/03/25 | | |
| Diesel Range Organics (C10-C28) | 282 | 25.0 | 250 | ND | 113 | 56-156 | | | |
| Surrogate: n-Nonane | 51.6 | | 50.0 | | 103 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2523018-MSD1) | | | | | Source: E505315-02 | | Prepared: 06/02/25 Analyzed: 06/03/25 | | |
| Diesel Range Organics (C10-C28) | 277 | 25.0 | 250 | ND | 111 | 56-156 | 1.62 | 20 | |
| Surrogate: n-Nonane | 52.5 | | 50.0 | | 105 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|--------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 6/5/2025 2:46:31PM |

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 (2523028-BLK1) | | | | | Prepared: 06/02/25 Analyzed: 06/02/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2523028-BS1) | | | | | Prepared: 06/02/25 Analyzed: 06/02/25 | | | | |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2523028-MS1) | | | | | Source: E505315-01 | | Prepared: 06/02/25 Analyzed: 06/02/25 | | |
| Chloride | 1330 | 20.0 | 250 | 1030 | 119 | 80-120 | | | |
| Matrix Spike Dup (2523028-MSD1) | | | | | Source: E505315-01 | | Prepared: 06/02/25 Analyzed: 06/02/25 | | |
| Chloride | 1280 | 20.0 | 250 | 1030 | 99.1 | 80-120 | 3.74 | 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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 06/05/25 14:46 |

- 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: Devon | | | | Company: Devon Energy | | Lab WO# | | 1D 2D 3D Std | | NM CO UT TX | | | | | | | | |
| Project: <u>Thistle Unit #043H</u> | | | | Address: 5315 Buena Vista Dr | | <u>E05315</u> | | <u>01058-0007</u> | | x | | | | | | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | | | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@envirotech.com | | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | | |
| Email: agiovengo@envirotech.com | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | Analysis and Method | | | | | | | | EPA Program | | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | 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 |
| | | | | | | | | | | | | | | | | | | |
| 1106 | 5/28/25 | Soil | 1 | FS08-7' | | 1 | | | | | | | | + | | | | |
| 1108 | | | | FS09-1' | | 2 | | | | | | | | + | | | | |
| 1110 | | | | FS10-1' | | 3 | | | | | | | | + | | | | |
| 1228 | | | | SW02-0'-7' | | 4 | | | | | | | | + | | | | |
| 1234 | | | | SW04-0'-7' | | 5 | | | | | | | | + | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Additional Instructions: Please CC: cburton@envirotech.com, agiovengo@envirotech.com, jim.raley@envirotech.com, iestrella@envirotech.com, chamilton@envirotech.com, bmoir@envirotech.com, jhinkle@envirotech.com, akone@envirotech.com, jgonzales@envirotech.com, rrai@envirotech.com, oaderinto@envirotech.com | | | | | | | | | | | | | | | | | | |
| 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>Jenna Trivette</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: <input checked="" type="radio"/> Y <input type="radio"/> N | | | | | | | | | | |
| <u>Jenna Trivette</u> | | <u>5/29/25</u> | <u>7:00</u> | <u>Michelle Gonzales</u> | | <u>5-29-25</u> | <u>0700</u> | | | | | | | | | | | |
| <u>Michelle Gonzales</u> | | <u>5-30-25</u> | <u>1750</u> | <u>J.M.</u> | | <u>5-30-25</u> | <u>1800</u> | | | | | | | | | | | |
| <u>J.M.</u> | | <u>5-31-25</u> | <u>0200</u> | <u>Noe Soto</u> | | <u>5-31-25</u> | <u>0615</u> | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| 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: 6/2/2025 9:11:51AM

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: | Devon Energy - Carlsbad | Date Received: | 05/31/25 06:15 | Work Order ID: | E505315 |
| Phone: | (505) 382-1211 | Date Logged In: | 05/30/25 13:25 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 06/05/25 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:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E505320

Job Number: 01058-0007

Received: 5/31/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/5/25

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: 6/5/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Thistle Unit #043H
Workorder: E505320
Date Received: 5/31/2025 6:15:09AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/31/2025 6:15:09AM, under the Project Name: Thistle Unit #043H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H 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
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|---|--|-----------------------------|
| Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210 | Project Name: Thistle Unit #043H Project Number: 01058-0007 Project Manager: Ashley Giovengo | Reported: 06/05/25 14:21 |
|---|--|-----------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| FS01 - 1.5' | E505320-01A | Soil | 05/29/25 | 05/31/25 | Glass Jar, 2 oz. |
| FS02 - 2' | E505320-02A | Soil | 05/29/25 | 05/31/25 | Glass Jar, 2 oz. |
| FS03 - 2' | E505320-03A | Soil | 05/29/25 | 05/31/25 | Glass Jar, 2 oz. |
| FS04 - 2' | E505320-04A | Soil | 05/29/25 | 05/31/25 | Glass Jar, 2 oz. |
| FS05 - 2' | E505320-05A | Soil | 05/29/25 | 05/31/25 | Glass Jar, 2 oz. |
| FS06 - 2' | E505320-06A | Soil | 05/29/25 | 05/31/25 | Glass Jar, 2 oz. |
| FS07 - 2' | E505320-07A | Soil | 05/29/25 | 05/31/25 | Glass Jar, 2 oz. |
| SW01 - 0'-2' | E505320-08A | Soil | 05/29/25 | 05/31/25 | Glass Jar, 2 oz. |
| SW03 - 0'-1' | E505320-09A | Soil | 05/29/25 | 05/31/25 | Glass Jar, 2 oz. |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:21:05PM

FS01 - 1.5'

E505320-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522093 | |
| Benzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Toluene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/01/25 | 06/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522093 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 84.5 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KH | | Batch: 2523022 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 108 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2523028 | |
| Chloride | 286 | 20.0 | 1 | 06/02/25 | 06/02/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:21:05PM

FS02 - 2'

E505320-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522093 |
| Benzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Toluene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/01/25 | 06/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522093 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 87.8 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2523022 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 106 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2523028 |
| Chloride | 396 | 20.0 | 1 | 06/02/25 | 06/02/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:21:05PM

FS03 - 2'

E505320-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522093 | |
| Benzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Toluene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/01/25 | 06/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522093 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 84.0 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KH | | Batch: 2523022 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 111 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2523028 | |
| Chloride | 206 | 20.0 | 1 | 06/02/25 | 06/02/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:21:05PM

FS04 - 2'

E505320-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522093 |
| Benzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Toluene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/01/25 | 06/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522093 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 85.2 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2523022 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 107 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2523028 |
| Chloride | 506 | 20.0 | 1 | 06/02/25 | 06/02/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:21:05PM

FS05 - 2'

E505320-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522093 |
| Benzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Toluene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/01/25 | 06/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 105 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522093 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 88.3 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2523022 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 108 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2523028 |
| Chloride | 162 | 20.0 | 1 | 06/02/25 | 06/02/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:21:05PM

FS06 - 2'

E505320-06

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522093 | |
| Benzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Toluene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/01/25 | 06/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522093 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 86.9 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KH | | Batch: 2523022 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 105 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2523028 | |
| Chloride | 266 | 20.0 | 1 | 06/02/25 | 06/02/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:21:05PM

FS07 - 2'

E505320-07

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522093 |
| Benzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Toluene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/01/25 | 06/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 108 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2522093 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 85.5 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: KH | | Batch: 2523014 |
| Diesel Range Organics (C10-C28) | 43.9 | 25.0 | 1 | 06/02/25 | 06/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/02/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 103 % | 61-141 | 06/02/25 | 06/02/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2523028 |
| Chloride | 204 | 20.0 | 1 | 06/02/25 | 06/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:21:05PM

SW01 - 0'-2'

E505320-08

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522093 | |
| Benzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Toluene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/01/25 | 06/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522093 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 84.0 % | 70-130 | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KH | | Batch: 2523022 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 109 % | 61-141 | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2523028 | |
| Chloride | 246 | 20.0 | 1 | 06/02/25 | 06/03/25 | |



Sample Data

Devon Energy - Carlsbad
6488 7 Rivers Hwy
Artesia NM, 88210

Project Name: Thistle Unit #043H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/5/2025 2:21:05PM

SW03 - 0'-1'

E505320-09

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|-------------|----------|----------------|-------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522093 | |
| Benzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| Toluene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 06/01/25 | 06/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | 103 % | 70-130 | | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2522093 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 06/01/25 | 06/01/25 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | 85.1 % | 70-130 | | 06/01/25 | 06/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | Analyst: KH | | Batch: 2523022 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 06/02/25 | 06/03/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 06/02/25 | 06/03/25 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | 103 % | 61-141 | | 06/02/25 | 06/03/25 | |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | Analyst: IY | | Batch: 2523028 | |
| Chloride | 37.1 | 20.0 | 1 | 06/02/25 | 06/03/25 | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|--------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 6/5/2025 2:21:05PM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2522093-BLK1)

Prepared: 06/01/25 Analyzed: 06/01/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| 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 | 8.36 | | 8.00 | | 104 | 70-130 | | | |

LCS (2522093-BS1)

Prepared: 06/01/25 Analyzed: 06/01/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|-----|--------|--|--|--|
| Benzene | 5.11 | 0.0250 | 5.00 | | 102 | 70-130 | | | |
| Ethylbenzene | 5.12 | 0.0250 | 5.00 | | 102 | 70-130 | | | |
| Toluene | 5.08 | 0.0250 | 5.00 | | 102 | 70-130 | | | |
| o-Xylene | 5.07 | 0.0250 | 5.00 | | 101 | 70-130 | | | |
| p,m-Xylene | 10.0 | 0.0500 | 10.0 | | 100 | 70-130 | | | |
| Total Xylenes | 15.1 | 0.0250 | 15.0 | | 101 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.27 | | 8.00 | | 103 | 70-130 | | | |

Matrix Spike (2522093-MS1)

Source: E505320-04

Prepared: 06/01/25 Analyzed: 06/01/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.81 | 0.0250 | 5.00 | ND | 96.2 | 70-130 | | | |
| Ethylbenzene | 4.83 | 0.0250 | 5.00 | ND | 96.5 | 70-130 | | | |
| Toluene | 4.79 | 0.0250 | 5.00 | ND | 95.8 | 70-130 | | | |
| o-Xylene | 4.80 | 0.0250 | 5.00 | ND | 96.0 | 70-130 | | | |
| p,m-Xylene | 9.44 | 0.0500 | 10.0 | ND | 94.4 | 70-130 | | | |
| Total Xylenes | 14.2 | 0.0250 | 15.0 | ND | 94.9 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.55 | | 8.00 | | 107 | 70-130 | | | |

Matrix Spike Dup (2522093-MSD1)

Source: E505320-04

Prepared: 06/01/25 Analyzed: 06/01/25

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|------|----|--|
| Benzene | 5.01 | 0.0250 | 5.00 | ND | 100 | 70-130 | 4.10 | 27 | |
| Ethylbenzene | 5.05 | 0.0250 | 5.00 | ND | 101 | 70-130 | 4.54 | 26 | |
| Toluene | 5.01 | 0.0250 | 5.00 | ND | 100 | 70-130 | 4.42 | 20 | |
| o-Xylene | 5.00 | 0.0250 | 5.00 | ND | 100 | 70-130 | 4.13 | 25 | |
| p,m-Xylene | 9.87 | 0.0500 | 10.0 | ND | 98.7 | 70-130 | 4.49 | 23 | |
| Total Xylenes | 14.9 | 0.0250 | 15.0 | ND | 99.1 | 70-130 | 4.37 | 26 | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.51 | | 8.00 | | 106 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|--------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 6/5/2025 2:21:05PM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2522093-BLK1) Prepared: 06/01/25 Analyzed: 06/01/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.40 | | 8.00 | | 92.5 | 70-130 | | | |

LCS (2522093-BS2) Prepared: 06/01/25 Analyzed: 06/01/25

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 45.6 | 20.0 | 50.0 | | 91.2 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.19 | | 8.00 | | 89.9 | 70-130 | | | |

Matrix Spike (2522093-MS2) Source: E505320-04 Prepared: 06/01/25 Analyzed: 06/01/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 48.2 | 20.0 | 50.0 | ND | 96.5 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.14 | | 8.00 | | 89.2 | 70-130 | | | |

Matrix Spike Dup (2522093-MSD2) Source: E505320-04 Prepared: 06/01/25 Analyzed: 06/01/25

| | | | | | | | | | |
|---|------|------|------|----|------|--------|------|----|--|
| Gasoline Range Organics (C6-C10) | 47.5 | 20.0 | 50.0 | ND | 95.1 | 70-130 | 1.49 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.07 | | 8.00 | | 88.3 | 70-130 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|--------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 6/5/2025 2:21:05PM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2523014-BLK1) | | | | | Prepared: 06/02/25 Analyzed: 06/02/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 53.7 | | 50.0 | | 107 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2523014-BS1) | | | | | Prepared: 06/02/25 Analyzed: 06/02/25 | | | | |
| Diesel Range Organics (C10-C28) | 264 | 25.0 | 250 | | 106 | 66-144 | | | |
| Surrogate: n-Nonane | 51.7 | | 50.0 | | 103 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|------|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2523014-MS1) | | | | | Source: E505320-07 | | Prepared: 06/02/25 Analyzed: 06/02/25 | | |
| Diesel Range Organics (C10-C28) | 328 | 25.0 | 250 | 43.9 | 114 | 56-156 | | | |
| Surrogate: n-Nonane | 51.2 | | 50.0 | | 102 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|------|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2523014-MSD1) | | | | | Source: E505320-07 | | Prepared: 06/02/25 Analyzed: 06/02/25 | | |
| Diesel Range Organics (C10-C28) | 341 | 25.0 | 250 | 43.9 | 119 | 56-156 | 3.92 | 20 | |
| Surrogate: n-Nonane | 50.6 | | 50.0 | | 101 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|--------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 6/5/2025 2:21:05PM |

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 |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| Blank (2523022-BLK1) | | | | | Prepared: 06/02/25 Analyzed: 06/03/25 | | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 57.6 | | 50.0 | | 115 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|--|---------------------------------------|--------|--|--|--|
| LCS (2523022-BS1) | | | | | Prepared: 06/02/25 Analyzed: 06/03/25 | | | | |
| Diesel Range Organics (C10-C28) | 261 | 25.0 | 250 | | 104 | 66-144 | | | |
| Surrogate: n-Nonane | 51.4 | | 50.0 | | 103 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|--|--|
| Matrix Spike (2523022-MS1) | | | | | Source: E505320-09 | | Prepared: 06/02/25 Analyzed: 06/03/25 | | |
| Diesel Range Organics (C10-C28) | 276 | 25.0 | 250 | ND | 111 | 56-156 | | | |
| Surrogate: n-Nonane | 51.1 | | 50.0 | | 102 | 61-141 | | | |

| | | | | | | | | | |
|---------------------------------|------|------|------|----|--------------------|--------|---------------------------------------|----|--|
| Matrix Spike Dup (2523022-MSD1) | | | | | Source: E505320-09 | | Prepared: 06/02/25 Analyzed: 06/03/25 | | |
| Diesel Range Organics (C10-C28) | 274 | 25.0 | 250 | ND | 110 | 56-156 | 0.869 | 20 | |
| Surrogate: n-Nonane | 51.9 | | 50.0 | | 104 | 61-141 | | | |



QC Summary Data

| | | | |
|-------------------------|------------------|--------------------|--------------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | Reported: |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 6/5/2025 2:21:05PM |

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 (2523028-BLK1) | | | | | Prepared: 06/02/25 Analyzed: 06/02/25 | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| LCS (2523028-BS1) | | | | | Prepared: 06/02/25 Analyzed: 06/02/25 | | | | |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2523028-MS1) | | | | | Source: E505315-01 | | Prepared: 06/02/25 Analyzed: 06/02/25 | | |
| Chloride | 1330 | 20.0 | 250 | 1030 | 119 | 80-120 | | | |
| Matrix Spike Dup (2523028-MSD1) | | | | | Source: E505315-01 | | Prepared: 06/02/25 Analyzed: 06/02/25 | | |
| Chloride | 1280 | 20.0 | 250 | 1030 | 99.1 | 80-120 | 3.74 | 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

| | | | |
|-------------------------|------------------|--------------------|----------------|
| Devon Energy - Carlsbad | Project Name: | Thistle Unit #043H | |
| 6488 7 Rivers Hwy | Project Number: | 01058-0007 | Reported: |
| Artesia NM, 88210 | Project Manager: | Ashley Giovengo | 06/05/25 14:21 |

- 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.

WO# 21522634
E-505320 CM

| Client Information | | | | Invoice Information | | | | Lab Use Only | | | | TAT | | | | State | | | |
|---|--------------|--------|-------------------|--------------------------------------|--------------|------------|-----------------|--------------------------|--------------|-------------|----------------|---------------------|---------------|----------|----------|--|-----|------|--|
| Client: Devon | | | | Company: Devon Energy | | | | Lab WO# | | | | 1D 2D 3D Std | | | | NM CO UT TX | | | |
| Project: <u>Thistle Unit #F043H</u> | | | | Address: 5315 Buena Vista Dr | | | | <u>E505315</u> | | | | <u>01058-0007</u> | | | | x | | | |
| Project Manager: Ashley Giovengo | | | | City, State, Zip: Carlsbad NM, 88220 | | | | | | | | | | | | | | | |
| Address: 3122 National Parks Hwy | | | | Phone: (575)689-7597 | | | | | | | | | | | | | | | |
| City, State, Zip: Carlsbad NM, 88220 | | | | Email: jim.raley@env.com | | | | | | | | | | | | | | | |
| Phone: 575-988-0055 | | | | Miscellaneous: Jim Raley | | | | | | | | | | | | | | | |
| Email: agiovengo@ensolum.com | | | | | | | | | | | | | | | | | | | |
| Sample Information | | | | | | | | | | | | Analysis and Method | | | | EPA Program | | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | Field Filter | 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 | |
| 1415 | 5/30/25 | Soil | 1 | FS01-1.5' | | 1 | | | | | | | | | | | | | |
| 1453 | | | | 02-2' | | 2 | | | | | | | | | | | | | |
| 1438 | | | | 03-2' | | 3 | | | | | | | | | | | | | |
| 1353 | | | | 04-2' | | 4 | | | | | | | | | | | | | |
| 1351 | | | | 05-2' | | 5 | | | | | | | | | | | | | |
| 1410 | | | | 06-2' | | 6 | | | | | | | | | | | | | |
| 1347 | | | | 07-2' | | 7 | | | | | | | | | | | | | |
| 1515 | | | | SW01-0'-2' | | 8 | | | | | | | | | | | | | |
| 1241 | | | | SW03-0'-1' | | 9 | | | | | | | | | | | | | |
| Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@env.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, rrai@ensolum.com, oaderinto@ensolum.com | | | | | | | | | | | | | | | | | | | |
| 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>Jenna Hinkle</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: N | | | |
| <u>Jenna Hinkle</u> | | | | 5/30/25 | | 7:00 | | <u>Michelle Gonzales</u> | | | | 5/30/25 | | 0700 | | | | | |
| <u>Michelle Gonzales</u> | | | | 5/30/25 | | 1750 | | <u>L.H.</u> | | | | 5/30/25 | | 1800 | | | | | |
| <u>L.H.</u> | | | | 5/31/25 | | 0200 | | <u>No</u> | | | | 5/31/25 | | 0615 | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| 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: 6/2/2025 9:59:14AM

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: | Devon Energy - Carlsbad | Date Received: | 05/31/25 06:15 | Work Order ID: | E505320 |
| Phone: | (505) 382-1211 | Date Logged In: | 05/30/25 15:43 | Logged In By: | Caitlin Mars |
| Email: | agiovento@ensolum.com | Due Date: | 06/06/25 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.



APPENDIX E

NMOCD Correspondence

From: [Velez, Nelson, EMNRD](#)
To: [Cole Burton](#)
Cc: [Raley, Jim](#); [Ashley Giovengo](#); [Bratcher, Michael, EMNRD](#); [Wells, Shelly, EMNRD](#)
Subject: Re: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Thistle Unit #043H - nAPP2505540528
Date: Wednesday, May 21, 2025 9:31:39 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[Outlook-dhvzmlze.png](#)

[**EXTERNAL EMAIL**]

Good morning Cole,

Thank you for the correspondence. Your 90-day time extension request is approved.
Remediation Due date updated to August 20, 2025.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Have a safe and productive day!

Regards,

Nelson Velez • Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
<http://www.emnrd.nm.gov/oecd>



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Tuesday, May 20, 2025 2:54 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Thistle Unit #043H - nAPP2505540528

From: Cole Burton <cburton@ensolum.com>

Sent: Tuesday, May 20, 2025 2:06 PM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Raley, Jim <Jim.Raley@dvn.com>

Cc: Ashley Giovengo <agiovengo@ensolum.com>

Subject: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Thistle Unit #043H - nAPP2505540528

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hello all,

Devon Energy Production Company, LP (Devon) is requesting an extension for the current deadline of May 22, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Thistle Unit #043H (Site) (Incident Number nAPP2505540528). The release occurred on February 21, 2025, and impacted an area on-pad approximately 1,639 square feet in size. Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria has been completed at the Site. Excavation activities are waiting on the selection of a construction company by Devon. Depth to water (DTW) has been established within a half mile radius of the Site and is determined to be greater than 101 feet below ground surface bgs. Devon intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Devon respectfully requests a 90-day extension until August 20, 2025. Please let me know if you have any further questions regarding this site.

Thanks,



Cole Burton
Project Manager
575-706-5056
Ensolum, LLC
in f X

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 466954

QUESTIONS

| | |
|---|--|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 466954 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| Prerequisites | |
|------------------|--|
| Incident ID (n#) | nAPP2505540528 |
| Incident Name | NAPP2505540528 THISTLE UNIT #043H @ 30-025-40898 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |
| Incident Well | [30-025-40898] THISTLE UNIT #043H |

| Location of Release Source | |
|----------------------------|--------------------|
| Site Name | THISTLE UNIT #043H |
| Date Release Discovered | 02/21/2025 |
| Surface Owner | State |

| Sampling Event General Information | |
|---|----------------------------|
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 2,000 |
| 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 | 05/28/2025 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Jenna Hinkle 510-417-5262) |
| Please provide any information necessary for navigation to sampling site | 32.254516,-103.584152 |

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

CONDITIONS

Action 466954

CONDITIONS

| | |
|---|--|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 466954 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| | | |
|------------|---|----------------|
| Created By | Condition | Condition Date |
| jralej | 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. | 5/23/2025 |

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

QUESTIONS

Action 466956

QUESTIONS

| | |
|---|--|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 466956 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

QUESTIONS

| Prerequisites | |
|------------------|--|
| Incident ID (n#) | nAPP2505540528 |
| Incident Name | NAPP2505540528 THISTLE UNIT #043H @ 30-025-40898 |
| Incident Type | Produced Water Release |
| Incident Status | Initial C-141 Approved |
| Incident Well | [30-025-40898] THISTLE UNIT #043H |

| Location of Release Source | |
|----------------------------|--------------------|
| Site Name | THISTLE UNIT #043H |
| Date Release Discovered | 02/21/2025 |
| Surface Owner | State |

| Sampling Event General Information | |
|---|-----------------------------|
| <i>Please answer all the questions in this group.</i> | |
| What is the sampling surface area in square feet | 2,000 |
| 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 | 05/29/2025 |
| Time sampling will commence | 09:00 AM |
| Please provide any information necessary for observers to contact samplers | Jenna Hinkle (510-417-5262) |
| Please provide any information necessary for navigation to sampling site | 32.254516,-103.584152 |

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Santa Fe, NM 87505

CONDITIONS

Action 466956

CONDITIONS

| | |
|---|--|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 466956 |
| | Action Type: [NOTIFY] Notification Of Sampling (C-141N) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| jralej | 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. | 5/23/2025 |

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

QUESTIONS

Action 477729

QUESTIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 477729 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|----------------------|--|
| Prerequisites | |
| Incident ID (n#) | nAPP2505540528 |
| Incident Name | NAPP2505540528 THISTLE UNIT #043H @ 30-025-40898 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |
| Incident Well | [30-025-40898] THISTLE UNIT #043H |

Location of Release Source

Please answer all the questions in this group.

| | |
|-------------------------|--------------------|
| Site Name | THISTLE UNIT #043H |
| Date Release Discovered | 02/21/2025 |
| Surface Owner | State |

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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 | Not answered. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Fitting Produced Water Released: 7 BBL Recovered: 4 BBL Lost: 3 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) | Fitting on wellhead developed leak. This allowed approx. 7 bbls to be released to pad surface. Approx 4 bbls recovered. |

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QUESTIONS, Page 2

Action 477729

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 477729 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

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

Initial Response

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

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

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

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

| | |
|--|---|
| I hereby agree and sign off to the above statement | Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 06/23/2025 |
|--|---|

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QUESTIONS, Page 3

Action 477729

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 477729 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS**Site Characterization**

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

| | |
|--|--------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between ½ and 1 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Between ½ and 1 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Greater than 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Between ½ and 1 (mi.) |
| A subsurface mine | Between 1 and 5 (mi.) |
| An (non-karst) unstable area | Greater than 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

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

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

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

| | |
|---|-------|
| Chloride (EPA 300.0 or SM4500 Cl B) | 11600 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 13550 |
| GRO+DRO (EPA SW-846 Method 8015M) | 8590 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |

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

| | |
|---|------------|
| On what estimated date will the remediation commence | 05/27/2025 |
| On what date will (or did) the final sampling or liner inspection occur | 05/29/2025 |
| On what date will (or was) the remediation complete(d) | 05/29/2025 |
| What is the estimated surface area (in square feet) that will be reclaimed | 2000 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 218 |
| What is the estimated surface area (in square feet) that will be remediated | 2000 |
| What is the estimated volume (in cubic yards) that will be remediated | 218 |

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

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

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

QUESTIONS, Page 4

Action 477729

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 477729 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| | |
|--|--|
| Remediation Plan (continued) | |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | |
| <i>(Select all answers below that apply.)</i> | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Not answered. |
| <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@dmv.com Date: 06/23/2025 |
| <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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State of New Mexico
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Santa Fe, NM 87505

QUESTIONS, Page 5

Action 477729

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 477729 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

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 |

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 6

Action 477729

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 477729 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 466956 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 05/29/2025 |
| What was the (estimated) number of samples that were to be gathered | 14 |
| What was the sampling surface area in square feet | 2000 |

| Remediation Closure Request | |
|--|--|
| <i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i> | |
| Requesting a remediation closure approval with this submission | 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 | 2000 |
| What was the total volume (cubic yards) remediated | 218 |
| 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 | 2000 |
| What was the total volume (in cubic yards) reclaimed | 218 |
| Summarize any additional remediation activities not included by answers (above) | Remediation Complete |
| <i>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> | |
| 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@dvn.com Date: 06/23/2025 |

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Action 477729

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 477729 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

QUESTIONS

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

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CONDITIONS

Action 477729

CONDITIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 477729 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |

CONDITIONS

| | | |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| nvez | None | 8/1/2025 |