



October 6, 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
Marwari 28 CTB 2
Incident Numbers nAPP2510725008 & nAPP2511127943 & nAPP2523740331
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 Marwari 28 CTB 2 (Site). The purpose of the Site assessment and remedial activities was to assess for the presence or absence of impacts to soil following three releases 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 Numbers nAPP2510725008, nAPP2511127943 & nAPP2523740331.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site was originally reported in Unit D Section 28, Township 25 South, Range 32 East, in Lea County, New Mexico (32.10798°, -103.68688°). The corrected Site location is in Unit B, Section 28, Township 25 South, Range 32 East, in Lea County, New Mexico (32.105561°, -103.676714°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM). The New Mexico Oil Conservation Division (NMOCD) portal will be updated with the submission of this *Closure Request*.

On April 16, 2025, a check valve on a separator developed a pinhole leak, resulting in the release of approximately 29 barrels (bbls) of produced water onto the caliche pad. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 25 bbls of produced water were recovered from pad surface. Devon reported the release to the NMOCD via a Notification of Release (NOR) and submitted a Release Notification Form C-141 (C-141) on April 17, 2025. The release was assigned Incident Number nAPP2510725008.

On April 18, 2025, a ball valve on a 3-phase separator developed a pinhole leak, resulting in the release of approximately 7 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 NMOCD via a NOR on April 21, 2025, and submitted a Release Notification Form C-141 on April 30, 2025. The release was assigned Incident Number nAPP2511127943.

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On August 25, 2025, a ball valve on a separator failed, resulting in the release of approximately 26 bbls of produced water onto the caliche pad. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 20 bbls of produced water were recovered from pad surface. Devon reported the release to the NMOCD via a NOR on August 25, 2025, and submitted a Release Notification Form C-141 on August 28, 2025. The release was assigned Incident Number nAPP2523740331.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Site Assessment/Characterization. Potential Site receptors are identified on Figure 1.

Depth to groundwater at the Site is estimated to be greater than 105 feet below ground surface (bgs) based on a soil boring drilled for determination of regional groundwater depth. On June 17, 2025, a soil boring permitted by the New Mexico Office of the State Engineer (CP-04980 POD1) was completed approximately 0.45 miles northwest of the Site utilizing hollow stem auger drilling method. Soil boring C-04980 POD1 was drilled to a total depth of 105 feet bgs. The boring was allowed to equilibrate for at least 72 hours to allow for potentially slow in-filling groundwater to collect. No moisture or groundwater was encountered during drilling. 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. The borehole was properly abandoned with drill cuttings and hydrated bentonite chips. The location of the boring is presented on Figure 1, and the referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 3,967 feet west 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 AND DELINEATION ACTIVITIES

On April 17, 2025, Ensolum personnel visited the Site to evaluate the release extent for Incident Number nAPP2510725008 based on information provided on the Form C-141 and visual observations. Four lateral delineation soil samples (SS14 through SS17) were collected around the release extent at

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ground surface and 1-foot bgs to assess the lateral extent of the impacted area. On March 5, 2025, Ensolum personnel returned to the Site to further delineate soil sample SS16 and collect two additional soil samples south of the second release extent for Incident Number nAPP2511127943 (SS17 and SS18). Five boreholes (BH01 through BH05) were advanced within the release extent to assess the vertical extent of impacted soil; boreholes BH01 through BH05 were advanced to depths ranging from ground surface to 19 feet bgs.

On August 25, 2025, Ensolum personnel returned to the Site to evaluate the release extent for Incident Number nAPP2523740331. Seven delineation soil samples (SS23 through SS29) were collected around the release extent at ground surface and 1-foot bgs to assess the lateral extent of the impacted area. Two borehole samples (BH24 and BH25) were advanced within the release extent to assess the vertical extent of impacted soil; boreholes BH24 and BH25 were advanced to depths ranging from ground surface to 4 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

Between August 04 and September 8, 2025, impacted soil was excavated from the release area as indicated by visible staining and delineation soil sampling analytical results. Excavation activities were performed using a tracked excavator, loader, hand digging, and belly dump trucks. To direct excavation activities, Ensolum personnel screened soil for chloride and for TPH in the same manner as described above.

Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing no more than 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 resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS49 and FS107 through FS122 were collected from the floor of the excavation at depths ranging from ground surface to 0.75 feet bgs. Due to the shallow nature of the excavation, the sidewall soil samples were incorporated into the floor confirmation samples. 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 Figures 3a and 3b.

The final excavation extent for Incident Numbers nAPP2510725008 & nAPP2511127943 measured approximately 9,860 square feet. A total of approximately 332 cubic yards of impacted soil was removed during the excavation activities. The final extent for Incident Number nAPP2523740331 measured approximately 3,172 square feet. A total of approximately 200 cubic yards of impacted soil was removed during the excavation process. The impacted soil was transported and properly disposed

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of at the Northern Delaware Basin Landfill, New Mexico. After completion of confirmation sampling, the excavation areas were secured with fencing.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples (SS14 through SS19, SS23 through SS27 and SS29) indicated that all COC concentrations were all in compliance with the strictest Closure Criteria per NMOCD Table I at ground surface and 1-foot bgs. Laboratory analytical results for delineation soil sample SS28 was in compliance with the Site Closure Criteria per NMOCD Table I at ground surface and 1-foot bgs. Laboratory analytical results for borehole BH01/PH01 indicated all COC concentrations were in compliance with the strictest Closure Criteria at 10 feet bgs. Laboratory analytical results for borehole BH02/PH02 indicated all COCs were in compliance with the Site Closure Criteria at 19 feet bgs. Laboratory analytical results for borehole BH03 indicated all COCs were in compliance with the strictest Closure Criteria at 7 feet bgs. Laboratory analytical results for borehole BH04 indicated all COCs were in compliance with the strictest Closure Criteria at 2 feet bgs. Laboratory analytical results for borehole BH05 indicated all COCs were in compliance with the strictest Closure Criteria at 9 feet bgs. Laboratory analytical results for borehole BH24 indicated all COCs were in compliance with the strictest Closure Criteria at 4 feet bgs. Laboratory analytical results for borehole BH25 indicated all COC concentrations were in compliance with the strictest Closure Criteria at 1-foot bgs.

Laboratory analytical results for excavation floor soil samples (FS01 through FS49 and FS107 though FS122) indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results are summarized in Tables 1 and 2 and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

Assessment and excavation activities were conducted at the Site to address the April and August 2025 releases 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 Site 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 105 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 Numbers nAPP2510725008, nAPP2511127943 & nAPP2523740331.

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

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Sincerely,
Ensolum, LLC

A handwritten signature in black ink that reads "Cole Burton".

Cole Burton
Project Manager

A handwritten signature in black ink that reads "Daniel R. Moir".

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

Appendices:

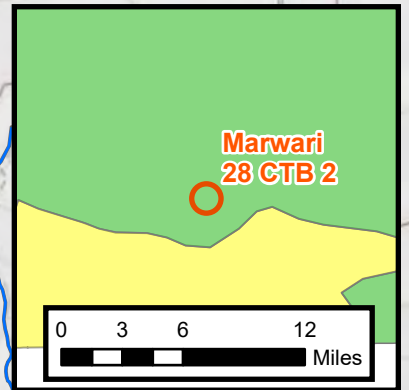
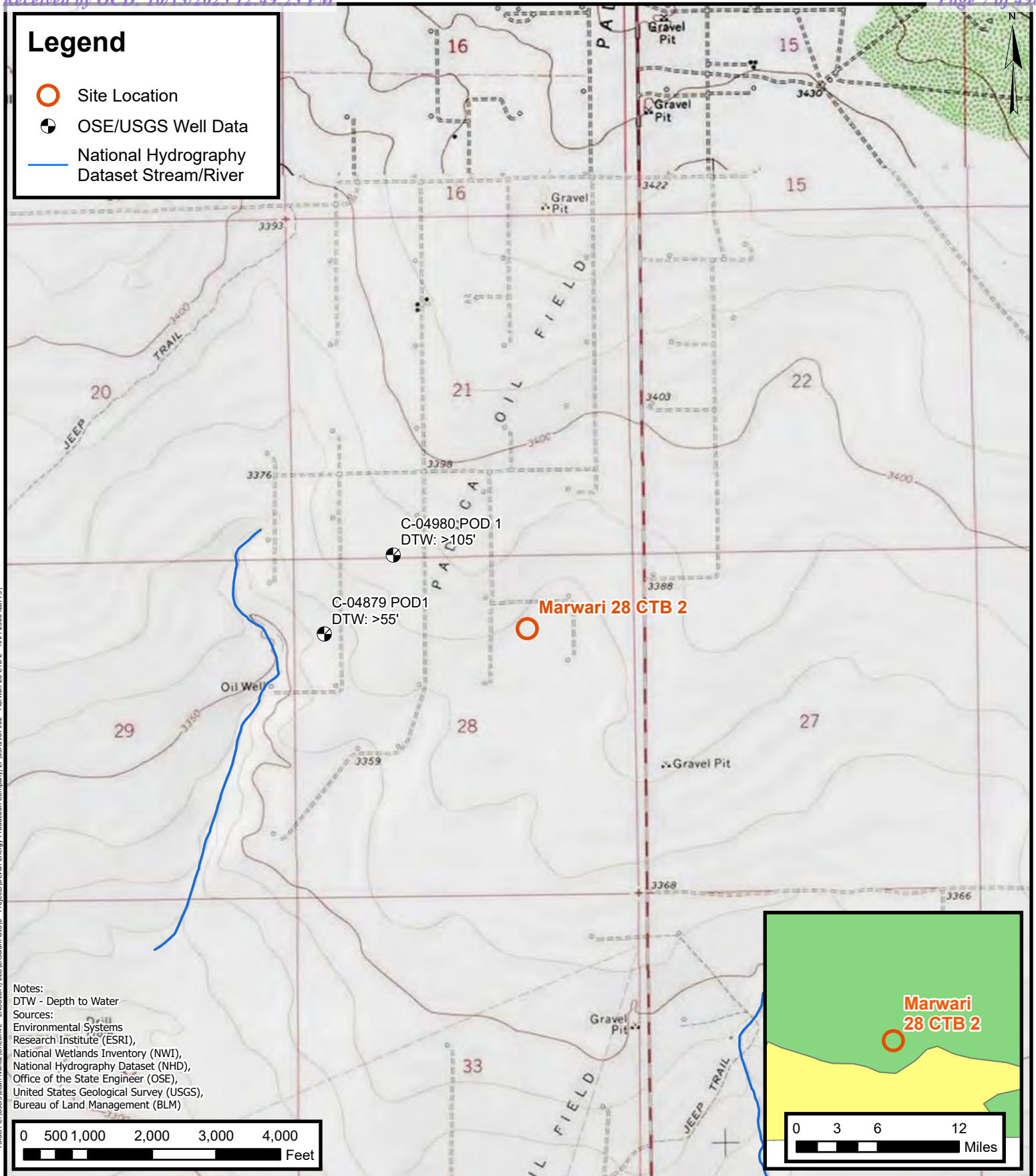
Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3a	Confirmation Soil Sample Locations (nAPP2510725008 & nAPP2511127943)
Figure 3b	Confirmation Soil Sample Locations (nAPP2523740331)
Table 1	Soil Sample Analytical Results (Delineation Soil Samples)
Table 2a	Soil Sample Analytical Results (Confirmation Soil Samples nAPP2510725008 & nAPP2511127943)
Table 2b	Soil Sample Analytical Results (Confirmation Soil Samples nAPP2523740331)
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



Site Receptor Map

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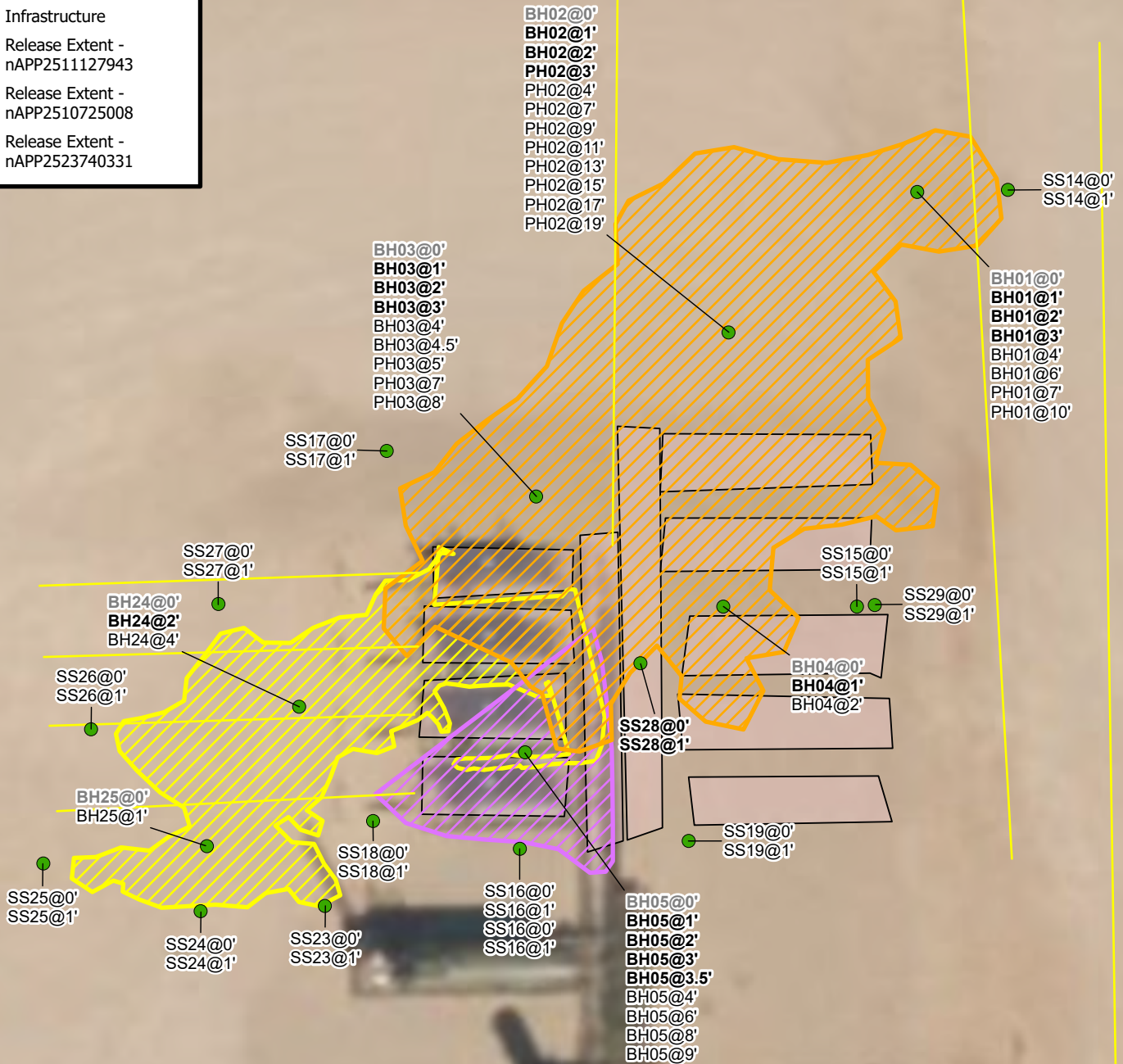
Incident Numbers: nAPP2510725008, nAPP2511127943, nAPP2523740331
Unit B, Section 28, T 25S, R 32E
Lea County, New Mexico

FIGURE

1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- OIL AND GAS UTILITY
- Infrastructure
- ▨ Release Extent - nAPP2511127943
- ▨ Release Extent - nAPP2510725008
- ▨ Release Extent - nAPP2523740331



Notes:
 Sample ID @ Depth Below Ground Surface.
 Concentrations in **bold** exceed the NMOCD Table I Closure Criteria reclamation standard.
 Red text represents samples that exceed Closure Criteria.
 Grey text represents samples that have been excavated.

0 15 30 60
 Feet

Sources: Environmental Systems Research Institute (ESRI)

Delineation Soil Sample Locations

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 Marwari 28 CTB 2

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 Lea County, New Mexico

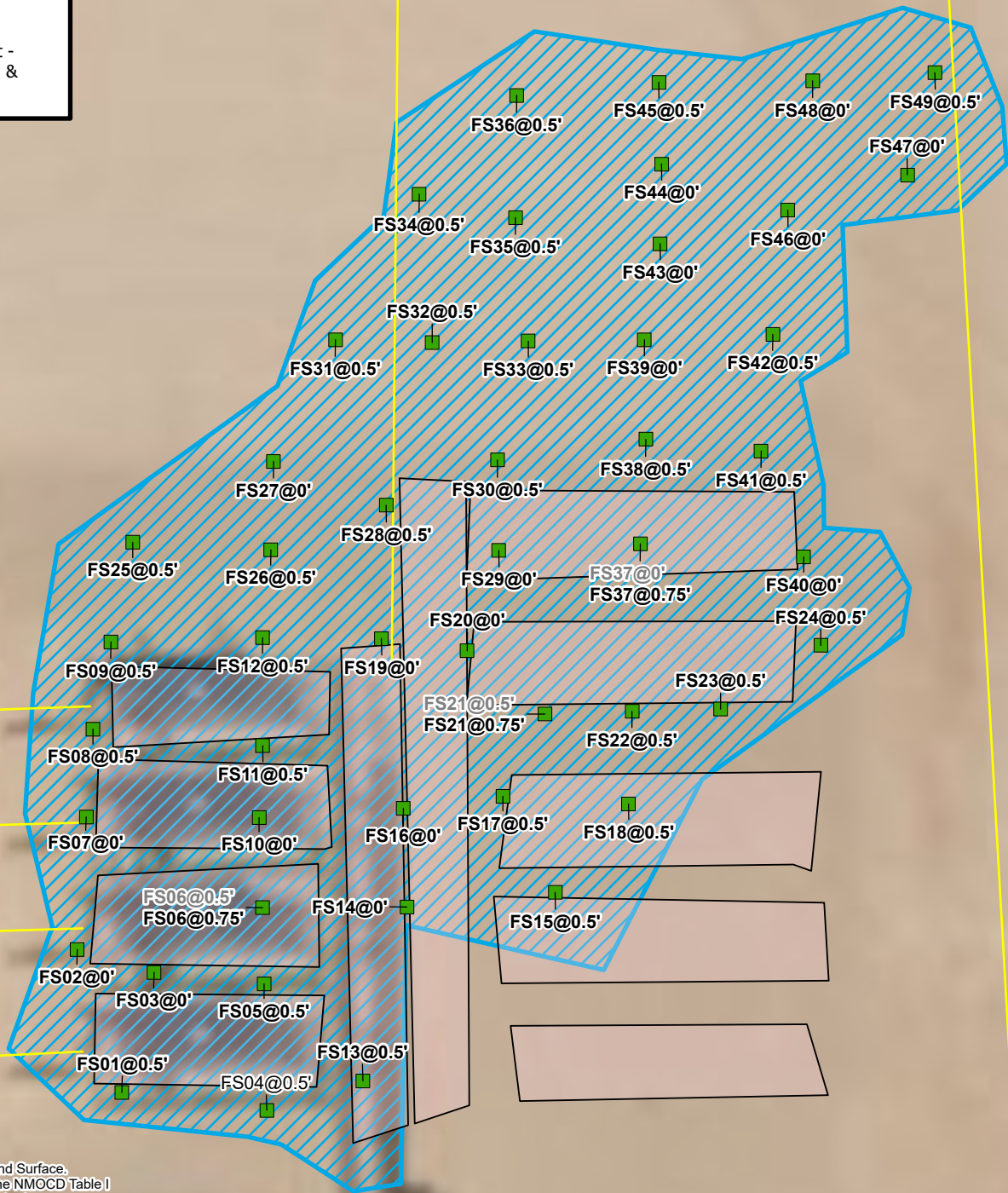
FIGURE

2



Legend

- Excavation Soil Sample in Compliance with Closure Criteria
- OIL AND GAS UTILITY
- Infrastructure
- Excavation Extent - nAPP2510725008 & nAPP2511127943

**Notes:**

Sample ID @ Depth Below Ground Surface.
Concentrations in **bold** exceed the NMOC Table I
Closure Criteria reclamation standard.

Red text represents samples that exceed Closure Criteria.

Grey text represents samples that have been excavated.

0 10 20 40
Feet

Sources: Environmental Systems Research Institute (ESRI)

Confirmation Soil Sample Locations

Devon Energy Production Company, LP

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Incident Numbers: nAPP2510725008, nAPP2511127943

Unit B, Section 28, T 25S, R 32E

Lea County, New Mexico

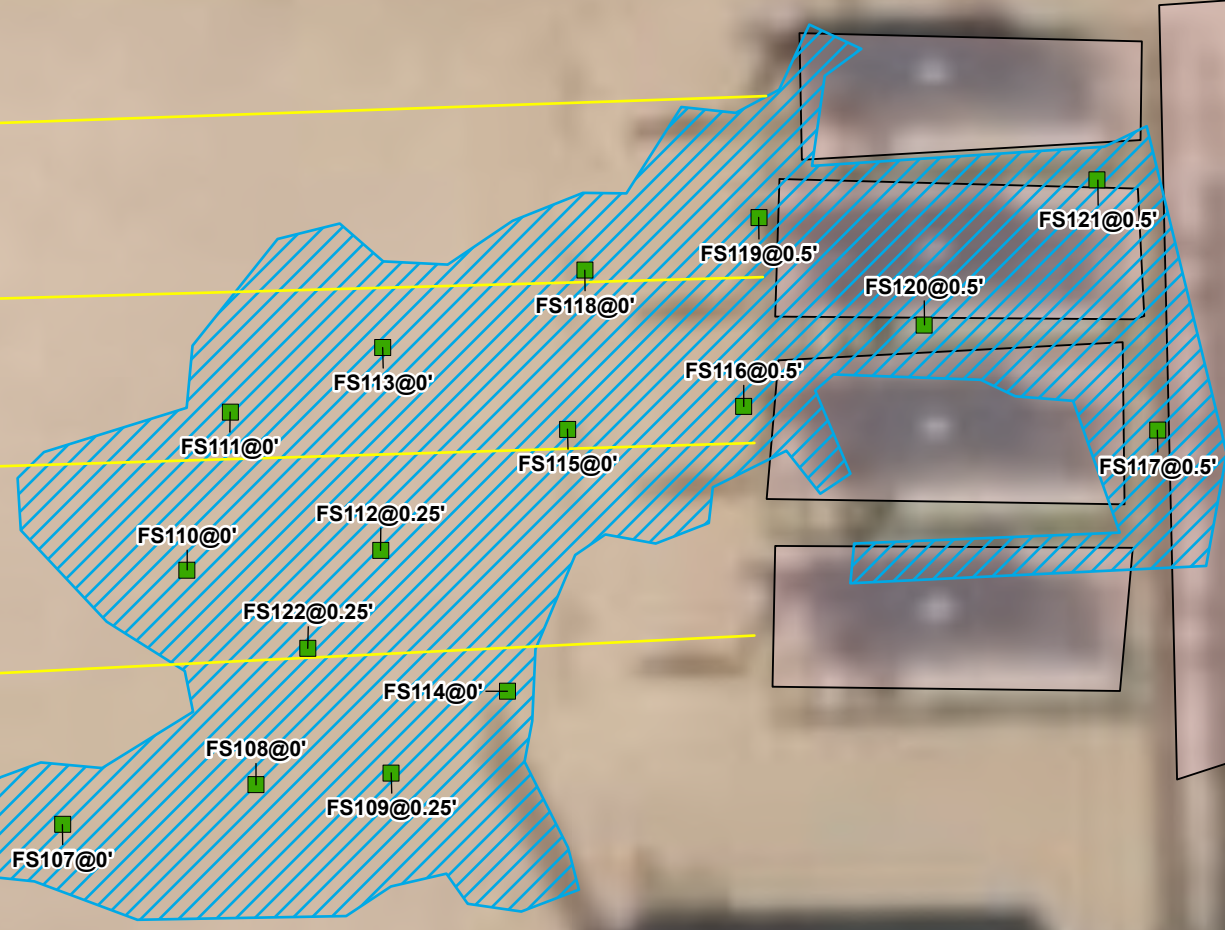
FIGURE

3a



Legend

- Confirmation Soil Sample in Compliance with Closure Criteria
- OIL AND GAS UTILITY
- Infrastructure
- Excavation Extent -nAPP2523740331

**Notes:**

Sample ID @ Depth Below Ground Surface.
Concentrations in **bold** exceed the NMOCD Table I
Closure Criteria reclamation standard.

Red text represents samples that exceed Closure Criteria.

Grey text represents samples that have been excavated.

0 7.5 15 30
Feet

Sources: Environmental Systems Research Institute (ESRI)

Confirmation Soil Sample Locations

Devon Energy Production Company, LP
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Incident Numbers: nAPP2523740331
Unit B, Section 28, T 25S, R 32E
Lea County, New Mexico

FIGURE
3b





TABLES

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Marwari 28 CTB 2
 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 Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS14	4/17/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	170
SS14	4/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	42.7
SS15	4/17/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS15	4/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.2
SS16	4/17/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	66.8
SS16	4/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	76.1
SS16	5/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS16	5/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	154
SS17	4/17/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	334
SS17	4/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	101
SS18	5/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	28.4
SS18	5/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	188
SS19	5/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS19	5/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	205
SS23	8/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	64.1
SS23	8/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	58.6
SS24	8/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	113
SS24	8/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS25	8/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS25	8/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS26	8/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS26	8/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS27	8/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	175
SS27	8/26/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	78.8
SS28	9/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,780
SS28	9/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,650
SS29	9/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	236
SS29	9/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	289



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Marwari 28 CTB 2
 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 Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
BH01	5/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,270
BH01	5/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,880
BH01	5/5/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,480
BH01	5/5/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,320
BH01	5/5/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,820
BH01	5/5/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,660
PH01	8/6/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,770
PH01	8/6/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	392
BH02	5/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	557
BH02	5/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,820
BH02	5/5/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,400
PH02	8/7/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,180
PH02	8/7/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,350
PH02	8/7/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	14,300
PH02	8/7/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,900
PH02	8/7/2025	11	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,950
PH02	8/13/2025	13	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	704
PH02	8/13/2025	15	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	881
PH02	8/13/2025	17	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	970
PH02	8/13/2025	19	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	826
BH03	5/5/2025	0	<0.0250	<0.0500	<20.0	337	154	337	491	3,000
BH03	5/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,590
BH03	5/5/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,570
BH03	5/5/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,320
BH03	5/5/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,100
BH03	5/5/2025	4.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,900
PH03	8/7/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,190
PH03	8/7/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	168
PH03	8/7/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	82



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Marwari 28 CTB 2
 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 Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
BH04	5/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	15,700
BH04	5/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,110
BH04	5/5/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	21.1
BH05	5/5/2025	0	<0.0250	<0.0500	<20.0	2,070	657	2,070	2,727	1,550
BH05	5/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,860
BH05	5/5/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,320
BH05	5/5/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,000
BH05	5/5/2025	3.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,200
BH05	8/22/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,400
BH05	8/22/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,530
BH05	8/22/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,690
BH05	8/22/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	75
BH24	9/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,460
BH24	9/2/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,040
BH24	9/2/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	372
BH25	9/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,790
BH25	9/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	106

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

Red text represents samples that exceed Closure Criteria

<": Laboratory Analytical result is less than reporting limit

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

* 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
 Marwari 28 CTB 2
 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 Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Confirmation Soil Samples (nAPP2510725008, nAPP2511127943)										
FS01	8/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,230
FS02	8/4/2025	0	<0.0250	<0.0500	<20.0	36.2	<50.0	36.2	36.2	8,810
FS03	8/4/2025	0	<0.0250	<0.0500	<20.0	444	236	444	680	867
FS04	8/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	511
FS05	8/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,800
FS06	8/5/2025	0.5	<0.0250	<0.0500	<20.0	1,040	459	1,040	1,499	6,510
FS06	8/13/2025	0.75	<0.0250	<0.0500	<20.0	584	227	584	811	1,770
FS07	8/4/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,000
FS08	8/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	52.1	<25.0	52.1	11,200
FS09	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,500
FS10	8/4/2025	0	<0.0250	0.0501	<20.0	209	143	209	352	1,250
FS11	8/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,660
FS12	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,160
FS13	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,310
FS14	8/4/2025	0	<0.0250	<0.0500	<20.0	45.6	54.9	45.6	100.5	2,970
FS15	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,390
FS16	8/4/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,850
FS17	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,110
FS18	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,900
FS19	8/4/2025	0	<0.0250	<0.0500	<20.0	48.7	<50.0	48.7	48.7	7,430
FS20	8/6/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,870
FS21	8/6/2025	0.5	<0.0250	<0.0500	<20.0	1,460	1,670	1,460	3,130	45,900
FS21	8/13/2025	0.75	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,100
FS22	8/6/2025	0.5	<0.0250	<0.0500	<20.0	30.6	<50.0	30.6	30.6	17,300
FS23	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	14,800
FS24	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,840
FS25	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,360
FS26	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,520
FS27	8/4/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,990
FS28	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,970
FS29	8/6/2025	0	<0.0250	<0.0500	<20.0	122	81.7	122	203.7	4,370
FS30	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,630

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 Marwari 28 CTB 2
 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 Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Confirmation Soil Samples (nAPP2510725008, nAPP2511127943)										
FS31	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	433
FS32	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,950
FS33	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,730
FS34	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,410
FS35	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,560
FS36	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	252
FS37	8/6/2025	0	<0.0250	0.0279	<20.0	<25.0	<50.0	<25.0	<50.0	359,000
FS37	8/13/2025	0.75	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,080
FS38	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,080
FS39	8/4/2025	0	<0.0250	<0.0500	<20.0	62.0	91.1	62.0	153.1	789
FS40	8/4/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,060
FS41	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,180
FS42	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,090
FS43	8/4/2025	0	<0.0250	<0.0500	<20.0	103	148	103	251	367
FS44	8/4/2025	0	<0.0250	<0.0500	<20.0	110	147	110	257	1,370
FS45	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	386
FS46	8/4/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,240
FS47	8/4/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,960
FS48	8/4/2025	0	<0.0250	<0.0500	<20.0	42.7	97.7	42.7	140.4	9,570
FS49	8/6/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	625

Notes:

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Red text represents samples that exceed Closure Criteria

<": Laboratory Analytical result is less than reporting limit

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

* 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
 Marwari 28 CTB 2
 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 Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Confirmation Soil Samples (nAPP2523740331)										
FS107	9/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	13,300
FS108	9/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,840
FS109	9/10/2025	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,410
FS110	9/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	11,900
FS111	9/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,890
FS112	9/10/2025	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,200
FS113	9/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	12,700
FS114	9/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,070
FS115	9/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,910
FS116	9/9/2025	0.5	<0.0250	<0.0500	<20.0	112	<50.0	112	112	14,000
FS117	9/9/2025	0.5	<0.0250	<0.0500	<20.0	99.8	80.1	99.8	179.9	15,200
FS118	9/8/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	10,900
FS119	9/9/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	9,980
FS120	9/12/2025	0.5	<0.0250	<0.0500	<20.0	309	132	309	441	14,100
FS121	9/9/2025	0.5	<0.0250	<0.0500	<20.0	518	183	518	701	7,780
FS122	9/10/2025	0.25	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,240

Notes:

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mg/kg: milligrams per kilogram

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Grey text represents samples that have been excavated

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

* 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



APPENDIX A

Well Log and Record



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

July 10, 2025

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record C-4980 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, C-4980 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Lucas Middleton".

Lucas Middleton

Enclosures: as noted above

OSE DII ROSWELL NM
10 JUL '25 PM2:45



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

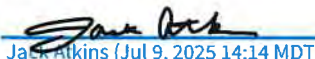
www.ose.state.nm.us

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-4980						
	WELL OWNER NAME(S) Devon Energy Production Company, LP						PHONE (OPTIONAL) 575-628-7597						
	WELL OWNER MAILING ADDRESS 5315 Buena Vist Dr.						CITY Carlsbad			STATE NM		ZIP 88220	
	WELL LOCATION (FROM GPS)	DEGREES 32		MINUTES 6		SECONDS 31.6 N		* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84					
		LATITUDE											
		LONGITUDE 103		41		0.23 W							
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Marwari 21 16 State Fed Com, SWSESE Sec.21 T25S R32E													
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 06/17/2025		DRILLING ENDED 06/17/2025		DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±105		DEPTH WATER FIRST ENCOUNTERED (FT) N/A				
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)						STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		DATE STATIC MEASURED 06/23/2025				
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:												
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER – SPECIFY: Hollow Stem Auger						CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐						
	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	105	±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 <u>*(if using Centralizers for Artesian wells- indicate the spacing below)</u> N/A	AMOUNT (cubic feet)	METHOD OF PLACEMENT							
	FROM	TO											

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.		POD NO.	TRN NO.
LOCATION			WELL TAG ID NO. PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO					
	0	6	6	Caliche, semi-consolidated, tan/white	Y ✓ N		
	6	19	13	Sand, fine-grained, with caliche, tan and white	Y ✓ N		
	19	39	10	Sand, fine-grained, clay, tannish brown	Y ✓ N		
	39	69	30	Clay, with fine-grained sand semi-consolidated, Brown	Y ✓ N		
	69	105	36	Clay, Stiff, High plastic, Brown	Y ✓ N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):	
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.							
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Cameron Pruitt							
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:						
	 Jackie D. Atkins (Jul 9, 2025 14:14 MDT)		Jackie D. Atkins		07/09/2025		
SIGNATURE OF DRILLER / PRINT SIGNEE NAME				DATE			

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO	PAGE 2 OF 2



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-4980 POD-1

Well owner: Devon Energy Production Company, LP

Phone No.: 575-628-7597

Mailing address: 5315 Buena Vist Dr.

City: Carlsbad

State: NM

Zip code: 88220

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Cameron Pruitt
- 4) Date well plugging began: 06/23/2025 Date well plugging concluded: 06/23/2025
- 5) GPS Well Location: Latitude: 32 deg, 6 min, 31.6 sec
Longitude: 103 deg, 41 min, 0.23 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl),
by the following manner: water level probe
- 7) Static water level measured at initiation of plugging: n/a ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 06/13/2025
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

OSE DII ROSWELL NM
10 JUL '25 PM2:46

- For each interval plugged, describe within the following columns:**

10 JUL '25 PM 2:46

MULTIPLY		BY	AND OBTAIN
cubic feet	x	7.4805	= gallons
cubic yards	x	201.97	= gallons

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jan Perkins (Jul 9, 2025 14:14 MDT)

07/09/2025

Date _____

2025-07-09-C-4980-Well Record -packet-forsign

Final Audit Report

2025-07-09

Created:	2025-07-09
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAADW6MA03-0KjrYC7oROcbCOTIDV2YNuVj

"2025-07-09-C-4980-Well Record -packet-forsign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2025-07-09 - 7:18:25 PM GMT
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2025-07-09 - 7:18:31 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2025-07-09 - 8:13:01 PM GMT
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2025-07-09 - 8:14:50 PM GMT - Time Source: server
-  Agreement completed.
2025-07-09 - 8:14:50 PM GMT

OSE DII ROSWELL NM
10 JUL '25 PM2:46



APPENDIX B

Lithologic Soil Sampling Logs

								Sample Name: BH01/PH01		Date: 8/6/2025			
								Site Name: Marwari 28 CTB 2					
								Incident Number: nAPP2510725008					
								Job Number: 03A1987173					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Trackhoe			
Coordinates: 32.106527, -103.676649								Hole Diameter: 3'		Total Depth: 11'			
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.													
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions					
M			Y	BH01	0	0	CCHE	Moist, Staining, Caliche w/ small to medium sized gravel, fine to medium grained, non-cohesive, non-plastic					
M			N	BH01	1	1	SP-SM	Moist, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic					
M	>3,556		N	BH01	2	2							
M			N	BH01	3	3							
M	>3,556		N	BH01	4	4							
M	>3,460		N	BH01	5	5							
M	>3,460		N	BH01	6	6		Moist, No Staining, Brown sand w/ silt that has medium sized caliche grains, fine to medium sized grains, non-cohesive, non, plastic					
D	2,968		N	PH01	7	7	CCHE	Dry, no staining, White Caliche with large gravel, coarse grained					
D	1,976		N	PH01	8	8							
D	2,587		N	PH01	9	9							
D	537		N	PH01	10	10							
D	224	46	N	PH01	11	11							
Total Depth@ 11 feet bgs.													

								Sample Name: BH02/PH02		Date: 8/13/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.106455, 103.676766								Hole Diameter: 3'		Total Depth: 19'	
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, Staining, Caliche with small to medium sized gravel, fine to medium grained, non-cohesive, non-plastic			
M	>3556		N	BH02	1	1	SP-SM	Moist, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic			
M	>3556		N	BH02	2	2					
D	3,192		N	PH02	3	3	CCHE	Dry, no staining, White caliche, coarse grained, non-cohesive, non-plastic			
D	>3,438		N	PH02	4	4					
D	7,952		N	PH02	5	5					
D	6,787		N	PH02	6	6					
D	10,052		N	PH02	7	7					
D	9,296		N	PH02	8	8					
D	2,587		N	PH02	9	9					
D	2,968		N	PH02	10	10					
D	3,763		N	PH02	11	11					
D	3,119		N	PH02	12	12					

								Sample Name: BH02/PH02		Date: 8/13/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Trackhoe	
Coordinates: 32.106455, 103.676766								Hole Diameter: 3'		Total Depth: 19'	
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	1,293		N	PH02	13	13	CCHE	Dry, no staining, White caliche, coarse grained, non-cohesive, non-plastic			
D	10,724		N	PH02	14	14					
D	1,293		N	PH02	15	15					
D	2,100		N	PH02	16	16					
D	1400		N	PH02	17	17					
						18					
D	856		N	PH02	19	19					
Total Depth @ 19 feet bgs.											

								Sample Name: BH03/PH03		Date: 8/7/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Trackhow	
Coordinates: 32.106370, -103.676886								Hole Diameter: 3'		Total Depth: 8'	
Comments: Field screening conducted with HACH Chloride Test Strips for chloride, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is 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, Staining, Caliche with small to medium sized gravel, fine to medium grained, non-cohesive, non-plastic			
M			N	BH03	1	1	SP-SM	Moist, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic			
M			N	BH03	2	2					
M	>3556		N	BH03	3	3					
M			N	BH03	4	4					
M	>3556		N	BH03	4.5		CCHE	Dry, no staining, White caliche, coarse grained, non-cohesive, non-plastic			
D	6,138		N	PH03	5	5					
D	2,413		N	PH03	6	6					
D	224		N	PH03	7	7					
D	156		N	PH03	8	8					
Total Depth@ 8 feet bgs.											

								Sample Name: BH04		Date: 5/5/35	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2510725008			
								Job Number: 03A1987173			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Oluwale Aderinto		Method:	
Coordinates: 32.106300, -103.676774								Hole Diameter: 3"		Total Depth: 2'	
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M			Y	BH04	0	0	CCHE	Caliche			
M	1,170		N	BH04	1	1	SP-SM	Brown, poorly graded sand with silt, non-cohesive, non-plastic.			
M	<168	15	N	BH04	2	2					
Total depth = 2'											

							Sample Name: BH05		Date: 8/22/2025	
							Site Name: Marwari 28 CTB 2			
							Incident Number: nAPP2511127943			
							Job Number: 03A1987176			
LITHOLOGIC / SOIL SAMPLING LOG							Logged By: Jenna Hinkle		Method: Hand Auger/ Core	
Coordinates: 32.106232, -103.676895							Hole Diameter: 3"		Total Depth: 10'	
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.										
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
M			Y	BH05	0	0	CCHE	Moist, Staining, Caliche with small to medium sized gravel, fine to medium grained, non-cohesive, non-plastic		
M			N	BH05	1	1	SP-SM	Moist, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic		
M	>3556		N	BH05	2	2				
M			N	BH05	3	3				
M	>3556		N	BH05	3.5					
D			N	BH05	4	4	CCHE	Dry, no staining, Caliche with small to medium sized gravel, fine to medium grained, non-cohesive, non-plastic		
D	11,664		N	BH05	5	5				
D	9,889		N	BH05	6	6				
D	5,667		N	BH05	7	7				
D	1,724		N	BH05	8	8	SP-SM	Dry, no staining, Brown Sand with silt, fine to medium grained, non-cohesive, non-plastic		
D	<156	21	N	BH05	9	9				
D	<156		N	BH05	10	10	CCHE	Dry, no staining, Caliche with small to medium sized gravel, fine to medium grained, non-cohesive, non-plastic		
Total Depth @ 10 feet bgs.										

								Sample Name: BH24		Date: 9/2/25	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2523740331			
								Job Number: 03A1987194			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Eric Plugge		Method: Hand Auger	
Coordinates: 32.106261 -103.677034								Hole Diameter: 3"		Total Depth: 4'	
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			Y	BH24	0	0	CCHE	Dry, Stained, Light brown, Caliche W/ small to large gravel, Fine to medium grained, Non cohesive, Non plastic			
D	890		N	BH24	1	1		Dry, Not stained, Light brown, Caliche W/ small to large gravel, Fine to medium grained, Non cohesive, Non plastic			
D	2,167		N	BH24	2	2	SP-SM	Dry, Not stained, Brown sand W/ silt, Small to coarse gravel, Fine to Coarse grain, Non cohesive, Non Plastic			
D	1,237		N	BH24	3	3					
D	280	40	N	BH24	4	4					
Total Depth @ 4 feet bgs.											

 ENSOLUM		Sample Name: BH25		Date: 9/2/25				
		Site Name: Marwari 28 CTB 2						
		Incident Number: nAPP2523740331						
		Job Number: 03A1987194						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.106189 -103.677091			Logged By: Eric Plugge		Method: Hand Auger			
			Hole Diameter: 3"		Total Depth: 2'			
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y	BH25	0	0	SP-SM	Stained, Sand W/ Silt, Poorly graded, Small to large gravel, Fine-coarse grain, Non plastic, Non cohesive
D	<173	9	N	BH25	1	1		Not stained, Sand W/ Silt, Poorly graded, Small to large gravel, Fine-coarse grain, Non plastic, Non cohesive
D	<173		N	BH25	2	2		Not stained, Sand W/ Silt, Poorly graded, Small to large gravel, Fine-coarse grain, Non plastic, Non cohesive
Total Depth @ 2 feet bgs.								



APPENDIX C

Photographic Log



Photographic Log

Devon Energy Production Company, LP

Marwari 28 CTB 2

nAPP2510725008 & nAPP2511127943 & nAPP2523740331



Photograph 1 Date: 4/16/2025
Description: Spill area (nAPP2510725008)
View: Northeast



Photograph 2 Date: 4/17/2025
Description: Spill area & delineation (nAPP2510725008)
View: Southwest



Photograph 3 Date: 4/17/2025
Description: Spill area & delineation (nAPP2510725008)
View: West



Photograph 4 Date: 4/17/2025
Description: Spill area & delineation (nAPP2510725008)
View: North



Photographic Log

Devon Energy Production Company, LP

Marwari 28 CTB 2

nAPP2510725008 & nAPP2511127943 & nAPP2523740331



Photograph 5 Date: 4/18/2025
Description: Spill area (nAPP2511127943)
View: Northeast



Photograph 6 Date: 5/5/2025
Description: Delineation
View: Northwest



Photograph 7 Date: 5/5/2025
Description: Delineation
View: Southwest



Photograph 8 Date: 5/5/2025
Description: Delineation
View: Northwest



Photographic Log

Devon Energy Production Company, LP

Marwari 28 CTB 2

nAPP2510725008 & nAPP2511127943 & nAPP2523740331



Photograph 9
Description: Hydro-vac
View: Northeast

Date: 8/4/2025



Photograph 10
Description: Excavation
View: Southwest

Date: 8/5/2025



Photograph 11
Description: Excavation
View: Northeast

Date: 8/5/2025



Photograph 12
Description: Excavation
View: East

Date: 8/5/2025

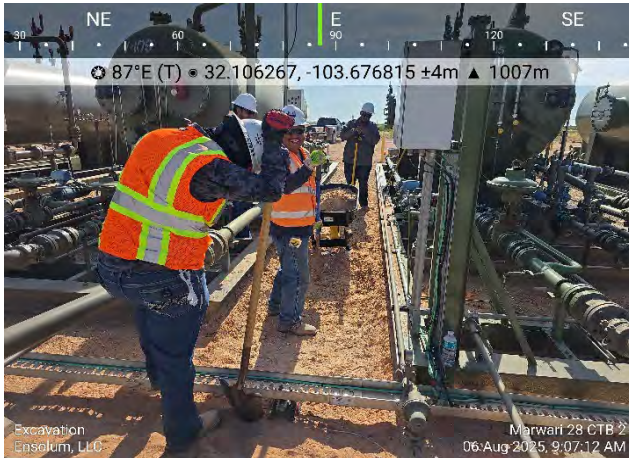


Photographic Log

Devon Energy Production Company, LP

Marwari 28 CTB 2

nAPP2510725008 & nAPP2511127943 & nAPP2523740331



Photograph 13
Description: Excavation
View: Northeast

Date: 8/6/2025



Photograph 14
Description: PH02
View: Southwest

Date: 8/6/2025



Photograph 15
Description: Excavation
View: Southwest

Date: 8/7/2025



Photograph 16
Description: Excavation
View: Southwest

Date: 8/7/2025

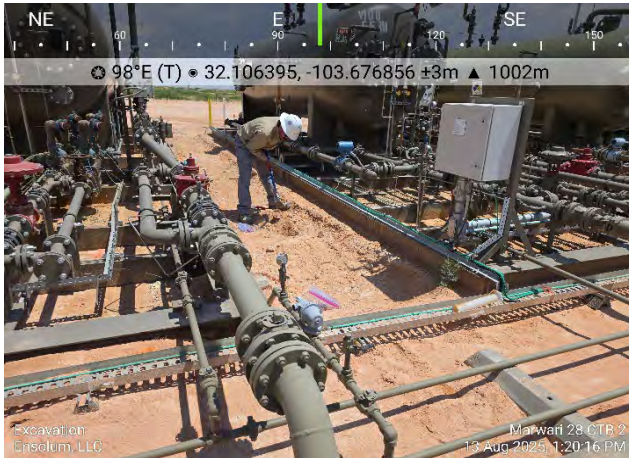


Photographic Log

Devon Energy Production Company, LP

Marwari 28 CTB 2

nAPP2510725008 & nAPP2511127943 & nAPP2523740331



Photograph 17

Date: 8/13/2025

Description: Confirmation Sampling

View: East



Photograph 18

Date: 8/13/2025

Description: PH02

View: Northwest



Photograph 19

Date: 8/22/2025

Description: BH05

View: Northwest



Photograph 20

Date: 8/22/2025

Description: BH05

View: East



Photographic Log

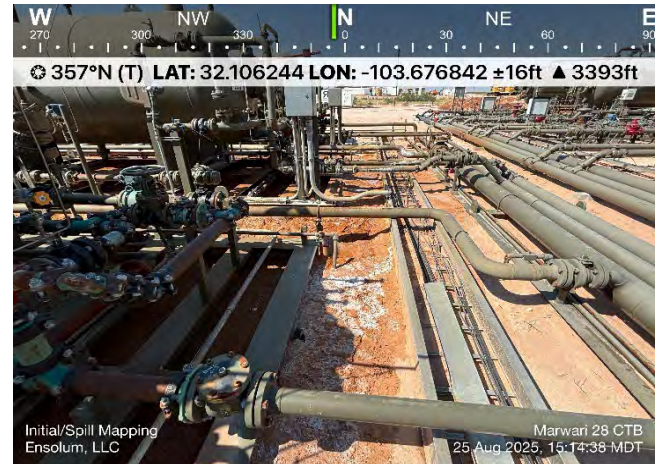
Devon Energy Production Company, LP

Marwari 28 CTB 2

nAPP2510725008 & nAPP2511127943 & nAPP2523740331



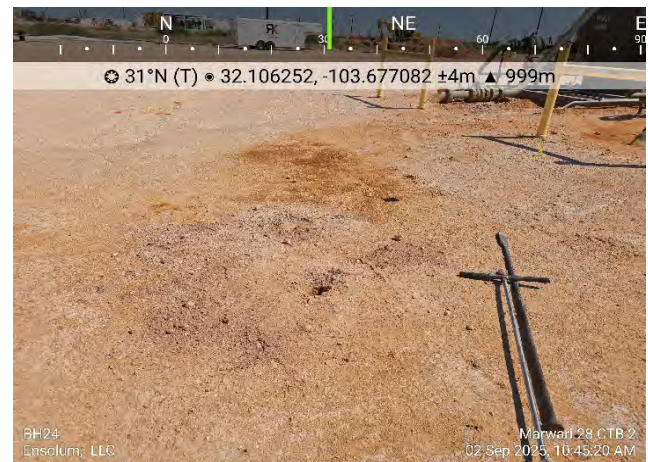
Photograph 21 Date: 8/25/2025
Description: Spill area (nAPP2523740331)
View: Northeast



Photograph 22 Date: 8/25/2025
Description: Spill area (nAPP2523740331)
View: North



Photograph 23 Date: 8/26/2025
Description: Delineation (nAPP2523740331)
View: Northwest



Photograph 24 Date: 9/2/2025
Description: Delineation (nAPP2523740331)
View: Northeast



Photographic Log

Devon Energy Production Company, LP

Marwari 28 CTB 2

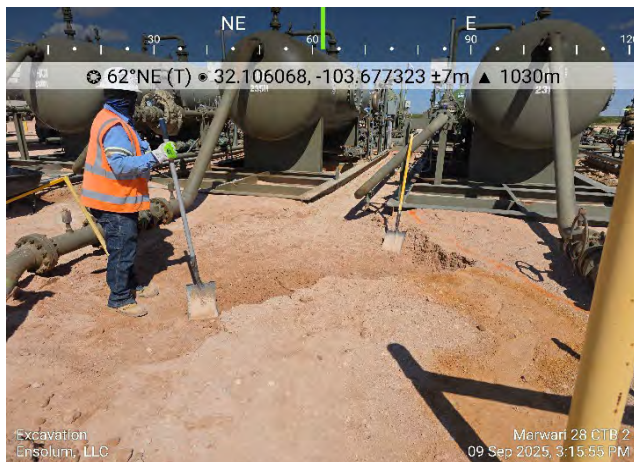
nAPP2510725008 & nAPP2511127943 & nAPP2523740331



Photograph 25 Date: 9/8/2025
Description: Confirmation sampling (nAPP2523740331)
View: Southeast



Photograph 26 Date: 9/9/2025
Description: Hydrovac (nAPP2523740331)
View: Southwest



Photograph 27 Date: 9/9/2025
Description: Excavation (nAPP2523740331)
View: Northeast



Photograph 28 Date: 9/10/2025
Description: Excavation (nAPP2523740331)
View: Northeast



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: Marwari 28 CTB 2

Work Order: E504161

Job Number: 01058-0007

Received: 4/21/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/24/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 4/24/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E504161
Date Received: 4/21/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/21/2025 7:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
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Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 04/24/25 13:02
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS14-0'	E504161-01A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
SS14-1'	E504161-02A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
SS15-0'	E504161-03A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
SS15-1'	E504161-04A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
SS16-0'	E504161-05A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
SS16-1'	E504161-06A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
SS17-0'	E504161-07A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.
SS17-1'	E504161-08A	Soil	04/17/25	04/21/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 4/24/2025 1:02:55PM
---	--	---

SS14-0'

E504161-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2517005	
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
Toluene	ND	0.0250	1	04/21/25	04/21/25	
o-Xylene	ND	0.0250	1	04/21/25	04/21/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/21/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.1 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2517005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2517009	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/21/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	04/21/25	04/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2517008	
Chloride	170	40.0	2	04/21/25	04/21/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/24/2025 1:02:55PM

SS14-1'

E504161-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2517005	
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
Toluene	ND	0.0250	1	04/21/25	04/21/25	
o-Xylene	ND	0.0250	1	04/21/25	04/21/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/21/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2517005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2517009	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/21/25	
<i>Surrogate: n-Nonane</i>						
	96.1 %	61-141		04/21/25	04/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2517008	
Chloride	42.7	20.0	1	04/21/25	04/21/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/24/2025 1:02:55PM

SS15-0'

E504161-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2517005	
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
Toluene	ND	0.0250	1	04/21/25	04/21/25	
o-Xylene	ND	0.0250	1	04/21/25	04/21/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/21/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2517005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2517009	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/21/25	
<i>Surrogate: n-Nonane</i>						
	98.7 %	61-141		04/21/25	04/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2517008	
Chloride	ND	40.0	2	04/21/25	04/21/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/24/2025 1:02:55PM

SS15-1'

E504161-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2517005	
Benzene	ND	0.0250	1	04/21/25	04/21/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/21/25	
Toluene	ND	0.0250	1	04/21/25	04/21/25	
o-Xylene	ND	0.0250	1	04/21/25	04/21/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/21/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2517005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		04/21/25	04/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2517009	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/21/25	
<i>Surrogate: n-Nonane</i>						
	96.5 %	61-141		04/21/25	04/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2517008	
Chloride	57.2	20.0	1	04/21/25	04/21/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/24/2025 1:02:55PM

SS16-0'

E504161-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517005
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517009
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
	98.3 %	61-141		04/21/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2517008
Chloride	66.8	20.0	1	04/21/25	04/21/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/24/2025 1:02:55PM

SS16-1'

E504161-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517005
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517009
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
	99.8 %	61-141		04/21/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2517008
Chloride	76.1	20.0	1	04/21/25	04/21/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/24/2025 1:02:55PM

SS17-0'

E504161-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2517005	
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.5 %	70-130		04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2517005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.9 %	70-130		04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2517009	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
<i>Surrogate: n-Nonane</i>	99.2 %	61-141		04/21/25	04/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2517008	
Chloride	334	20.0	1	04/21/25	04/21/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/24/2025 1:02:55PM

SS17-1'

E504161-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517005
Benzene	ND	0.0250	1	04/21/25	04/22/25	
Ethylbenzene	ND	0.0250	1	04/21/25	04/22/25	
Toluene	ND	0.0250	1	04/21/25	04/22/25	
o-Xylene	ND	0.0250	1	04/21/25	04/22/25	
p,m-Xylene	ND	0.0500	1	04/21/25	04/22/25	
Total Xylenes	ND	0.0250	1	04/21/25	04/22/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2517005
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/21/25	04/22/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.4 %	70-130	04/21/25	04/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2517009
Diesel Range Organics (C10-C28)	ND	25.0	1	04/21/25	04/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/21/25	04/22/25	
<i>Surrogate: n-Nonane</i>						
		97.5 %	61-141	04/21/25	04/22/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2517008
Chloride	101	20.0	1	04/21/25	04/21/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/24/2025 1:02:55PM

Volatile Organics by EPA 8021B

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 (2517005-BLK1) Prepared: 04/21/25 Analyzed: 04/21/25

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	7.80		8.00		97.5	70-130			

LCS (2517005-BS1) Prepared: 04/21/25 Analyzed: 04/21/25

Benzene	3.94	0.0250	5.00		78.7	70-130			
Ethylbenzene	3.94	0.0250	5.00		78.9	70-130			
Toluene	3.97	0.0250	5.00		79.3	70-130			
o-Xylene	3.98	0.0250	5.00		79.6	70-130			
p,m-Xylene	7.92	0.0500	10.0		79.2	70-130			
Total Xylenes	11.9	0.0250	15.0		79.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130			

Matrix Spike (2517005-MS1) Source: E504158-04 Prepared: 04/21/25 Analyzed: 04/21/25

Benzene	4.40	0.0250	5.00	ND	88.0	70-130			
Ethylbenzene	4.44	0.0250	5.00	ND	88.8	70-130			
Toluene	4.44	0.0250	5.00	ND	88.8	70-130			
o-Xylene	4.42	0.0250	5.00	ND	88.4	70-130			
p,m-Xylene	8.87	0.0500	10.0	ND	88.7	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.7	70-130			

Matrix Spike Dup (2517005-MSD1) Source: E504158-04 Prepared: 04/21/25 Analyzed: 04/21/25

Benzene	4.81	0.0250	5.00	ND	96.3	70-130	9.01	27	
Ethylbenzene	4.85	0.0250	5.00	ND	97.1	70-130	8.90	26	
Toluene	4.86	0.0250	5.00	ND	97.2	70-130	8.97	20	
o-Xylene	4.83	0.0250	5.00	ND	96.6	70-130	8.87	25	
p,m-Xylene	9.70	0.0500	10.0	ND	97.0	70-130	8.94	23	
Total Xylenes	14.5	0.0250	15.0	ND	96.9	70-130	8.91	26	
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/24/2025 1:02:55PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2517005-BLK1) Prepared: 04/21/25 Analyzed: 04/21/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			

LCS (2517005-BS2) Prepared: 04/21/25 Analyzed: 04/21/25

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.21		8.00		103	70-130			

Matrix Spike (2517005-MS2) Source: E504158-04 Prepared: 04/21/25 Analyzed: 04/21/25

Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.7	70-130			

Matrix Spike Dup (2517005-MSD2) Source: E504158-04 Prepared: 04/21/25 Analyzed: 04/21/25

Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130	2.06	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/24/2025 1:02:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2517009-BLK1)					Prepared: 04/21/25 Analyzed: 04/21/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.0		50.0		104	61-141			

LCS (2517009-BS1)					Prepared: 04/21/25 Analyzed: 04/21/25				
Diesel Range Organics (C10-C28)	256	25.0	250		103	66-144			
Surrogate: n-Nonane	48.5		50.0		97.1	61-141			

Matrix Spike (2517009-MS1)					Source: E504158-01		Prepared: 04/21/25 Analyzed: 04/21/25		
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	50.4		50.0		101	61-141			

Matrix Spike Dup (2517009-MSD1)					Source: E504158-01		Prepared: 04/21/25 Analyzed: 04/21/25		
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156	0.578	20	
Surrogate: n-Nonane	49.1		50.0		98.1	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/24/2025 1:02:55PM

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 (2517008-BLK1)					Prepared: 04/21/25 Analyzed: 04/21/25				
Chloride	ND	20.0							
LCS (2517008-BS1)					Prepared: 04/21/25 Analyzed: 04/21/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2517008-MS1)					Source: E504158-08		Prepared: 04/21/25 Analyzed: 04/21/25		
Chloride	271	20.0	250	ND	108	80-120			
Matrix Spike Dup (2517008-MSD1)					Source: E504158-08		Prepared: 04/21/25 Analyzed: 04/21/25		
Chloride	272	20.0	250	ND	109	80-120	0.447	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/24/25 13:02

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



WD # 21564677

Chain of Custody

Page 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT				State					
Client: Devon				Company: Devon Energy		Lab WO# E5041101		Job Number 01058-0001		1D	2D	3D	Std	NM	CO	UT	TX
Project: Marwari 28 CTB 2				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: 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/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
11:23	4/17/2025	S	1	SS14 - 0'		1						X					
11:58	4/17/2025	S	1	SS14 - 1'		2						X					
13:25	4/17/2025	S	1	SS15 - 0'		3						X					
13:32	4/17/2025	S	1	SS15 - 1'		4						X					
11:27	4/17/2025	S	1	SS16 - 0'		5						X					
12:07	4/17/2025	S	1	SS16 - 1'		6						X					
11:01	4/17/2025	S	1	SS17 - 0'		7						X					
12:12	4/17/2025	S	1	SS17 - 1'		8						X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovento@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, oaderinto@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: Oluwale Aderinto																	
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.									
Oluwale Aderinto		4/18/25	08:15	Michelle Gonzales		4-18-25	1330	Lab Use Only									
Michelle Gonzales		4-18-25	1500	Nae Saka		4-18-25	1500	Received on ice: Y/ N									
								T1 T2 T3									
								AVG Temp °C 5.4									
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: 4/21/2025 3:07:00PM

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:	04/21/25 07:30	Work Order ID:	E504161
Phone:	(505) 382-1211	Date Logged In:	04/18/25 16:04	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	04/25/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Individual sample temperatures listed on COC.

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: 5.4°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: Marwari 28 CTB 2

Work Order: E505076

Job Number: 01058-0007

Received: 5/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/13/25

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: 5/13/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E505076
Date Received: 5/7/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/7/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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

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Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 05/13/25 15:07
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05-0'	E505076-01A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH05-1'	E505076-02A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH05-2'	E505076-03A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH05-3'	E505076-04A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH05-3.5'	E505076-05A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
SS16-0'	E505076-06A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
SS16-1'	E505076-07A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
SS18-0'	E505076-08A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
SS18-1'	E505076-09A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
SS19-0'	E505076-10A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
SS19-1'	E505076-11A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 5/13/2025 3:07:10PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

BH05-0'

E505076-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	0.190	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		88.6 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2519123	
Diesel Range Organics (C10-C28)	2070	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	657	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	05/08/25	05/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2519158	
Chloride	1550	20.0	1	05/09/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 3:07:10PM

BH05-1'

E505076-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.4 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519123	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2519158	
Chloride	3860	40.0	2	05/09/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 3:07:10PM

BH05-2'

E505076-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519123	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2519158	
Chloride	4320	40.0	2	05/09/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 3:07:10PM

BH05-3'

E505076-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Benzene	ND	0.0250	1	05/08/25	05/12/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/12/25	
Toluene	ND	0.0250	1	05/08/25	05/12/25	
o-Xylene	ND	0.0250	1	05/08/25	05/12/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/12/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.8 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519123	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2519158	
Chloride	10000	200	10	05/09/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 3:07:10PM

BH05-3.5'

E505076-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Benzene	ND	0.0250	1	05/08/25	05/12/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/12/25	
Toluene	ND	0.0250	1	05/08/25	05/12/25	
o-Xylene	ND	0.0250	1	05/08/25	05/12/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/12/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>90.5 %</i>	<i>70-130</i>		<i>05/08/25</i>	<i>05/12/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>96.5 %</i>	<i>70-130</i>		<i>05/08/25</i>	<i>05/12/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2519123	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>	<i>107 %</i>	<i>61-141</i>		<i>05/08/25</i>	<i>05/10/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2519158	
Chloride	10200	200	10	05/09/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 3:07:10PM

SS16-0'

E505076-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Benzene	ND	0.0250	1	05/08/25	05/12/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/12/25	
Toluene	ND	0.0250	1	05/08/25	05/12/25	
o-Xylene	ND	0.0250	1	05/08/25	05/12/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/12/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.7 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.1 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519123	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2519158	
Chloride	ND	20.0	1	05/09/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 3:07:10PM

SS16-1'

E505076-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Benzene	ND	0.0250	1	05/08/25	05/12/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/12/25	
Toluene	ND	0.0250	1	05/08/25	05/12/25	
o-Xylene	ND	0.0250	1	05/08/25	05/12/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/12/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.2 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519123	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2519158	
Chloride	154	20.0	1	05/09/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 3:07:10PM

SS18-0'

E505076-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Benzene	ND	0.0250	1	05/08/25	05/12/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/12/25	
Toluene	ND	0.0250	1	05/08/25	05/12/25	
o-Xylene	ND	0.0250	1	05/08/25	05/12/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/12/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.9 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519123	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2519158	
Chloride	28.4	20.0	1	05/09/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 3:07:10PM

SS18-1'

E505076-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Benzene	ND	0.0250	1	05/08/25	05/12/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/12/25	
Toluene	ND	0.0250	1	05/08/25	05/12/25	
o-Xylene	ND	0.0250	1	05/08/25	05/12/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/12/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.6 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519100	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519123	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2519158	
Chloride	188	20.0	1	05/09/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 3:07:10PM

SS19-0'

E505076-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519100
Benzene	ND	0.0250	1	05/08/25	05/12/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/12/25	
Toluene	ND	0.0250	1	05/08/25	05/12/25	
o-Xylene	ND	0.0250	1	05/08/25	05/12/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/12/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.5 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519100
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.7 %	70-130		05/08/25	05/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2519123
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2519158
Chloride	ND	20.0	1	05/09/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 3:07:10PM

SS19-1'

E505076-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519100
Benzene	ND	0.0250	1	05/08/25	05/11/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/11/25	
Toluene	ND	0.0250	1	05/08/25	05/11/25	
o-Xylene	ND	0.0250	1	05/08/25	05/11/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/11/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.7 %	70-130		05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519100
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2519123
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2519158
Chloride	205	20.0	1	05/09/25	05/12/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 3:07:10PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2519100-BLK1)

Prepared: 05/08/25 Analyzed: 05/10/25

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	6.99		8.00		87.4	70-130			

LCS (2519100-BS1)

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	4.50	0.0250	5.00		90.1	70-130			
Ethylbenzene	4.55	0.0250	5.00		91.0	70-130			
Toluene	4.55	0.0250	5.00		91.0	70-130			
o-Xylene	4.50	0.0250	5.00		90.0	70-130			
p,m-Xylene	9.21	0.0500	10.0		92.1	70-130			
Total Xylenes	13.7	0.0250	15.0		91.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.6	70-130			

Matrix Spike (2519100-MS1)

Source: E505074-02

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	5.10	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.14	0.0250	5.00	ND	103	70-130			
Toluene	5.14	0.0250	5.00	ND	103	70-130			
o-Xylene	5.10	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.5	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130			

Matrix Spike Dup (2519100-MSD1)

Source: E505074-02

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	5.06	0.0250	5.00	ND	101	70-130	0.741	27	
Ethylbenzene	5.11	0.0250	5.00	ND	102	70-130	0.458	26	
Toluene	5.12	0.0250	5.00	ND	102	70-130	0.546	20	
o-Xylene	5.07	0.0250	5.00	ND	101	70-130	0.703	25	
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130	0.590	23	
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130	0.627	26	
Surrogate: 4-Bromochlorobenzene-PID	7.04		8.00		88.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 3:07:10PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2519100-BLK1)

Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.1	70-130			

LCS (2519100-BS2)

Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.85		8.00		98.1	70-130			

Matrix Spike (2519100-MS2)

Source: E505074-02

Prepared: 05/08/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	41.9	20.0	50.0	ND	83.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.89		8.00		98.6	70-130			

Matrix Spike Dup (2519100-MSD2)

Source: E505074-02

Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	44.4	20.0	50.0	ND	88.8	70-130	5.91	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 3:07:10PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2519123-BLK1)					Prepared: 05/08/25 Analyzed: 05/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	61-141			

LCS (2519123-BS1)					Prepared: 05/08/25 Analyzed: 05/09/25				
Diesel Range Organics (C10-C28)	272	25.0	250		109	66-144			
Surrogate: n-Nonane	51.0		50.0		102	61-141			

Matrix Spike (2519123-MS1)					Source: E505074-02		Prepared: 05/08/25 Analyzed: 05/09/25		
Diesel Range Organics (C10-C28)	329	25.0	250	45.8	113	56-156			
Surrogate: n-Nonane	53.2		50.0		106	61-141			

Matrix Spike Dup (2519123-MSD1)					Source: E505074-02		Prepared: 05/08/25 Analyzed: 05/09/25		
Diesel Range Organics (C10-C28)	335	25.0	250	45.8	116	56-156	1.90	20	
Surrogate: n-Nonane	54.1		50.0		108	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 3:07:10PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2519158-BLK1)					Prepared: 05/09/25 Analyzed: 05/12/25				
Chloride	ND	20.0							
LCS (2519158-BS1)					Prepared: 05/09/25 Analyzed: 05/12/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2519158-MS1)					Source: E505073-03		Prepared: 05/09/25 Analyzed: 05/12/25		
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2519158-MSD1)					Source: E505073-03		Prepared: 05/09/25 Analyzed: 05/12/25		
Chloride	259	20.0	250	ND	104	80-120	0.0725	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/13/25 15:07

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#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX		
Project: <u>Mammi 28 CTB 2</u>				Address: 5315 Buena Vista Dr				<u>E505076</u>		<u>01058'0007</u>					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@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/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			
1154	5/5/25	Soil	1	BH05-0'		1								+		3.0					
1217				05-1'		2								+		3.6					
1221				05-2'		3								+		3.2					
1238				05-3'		4								+		2.8					
1240	✓	✓	✓	05-3.5'		5								+		2.10					
0410				SS16-0'		6								+		3.0					
0420				SS16-1'		7								+		3.4					
0426				SS18-0'		8								+		3.1					
0430				SS18-1'		9								+		2.6					
1036	✓	✓	✓	SS1A-0'		10								+		3.4					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@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>Jennathinkle and Clewale Aderinto</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: (Y) / N											
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time												
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time												
Relinquished by: (Signature)			Date	Time	Received by: (Signature)			Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO#		Job Number		1D	2D	3D	Std						
Project: <u>Marina 28 CTB2</u>				Address: 5315 Buena Vista Dr		<u>E505076</u>		<u>61058 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@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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCCQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
11/02	5/5/2025	S.S.I	1	SS14-1'		11													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@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>Enna Hinkley & Oluwale Aderinto</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: (Y) N							
<u>Enna Hinkley</u>		5-6-25		1730		<u>Mariela Gonzales</u>		5-6-25		0711									
<u>Mariela Gonzales</u>		5-6-25		1730		<u>J.M.</u>		5-6-25		1730									
<u>J.M.</u>		5-6-25		2400		<u>Carla Mae</u>		5-7-25		800									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 5/7/2025 1:09:37PM

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:	05/07/25 08:00	Work Order ID:	E505076
Phone:	(505) 382-1211	Date Logged In:	05/06/25 16:27	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/13/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

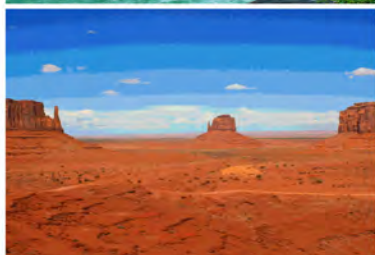
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E505077

Job Number: 01058-0007

Received: 5/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/13/25

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: 5/13/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E505077
Date Received: 5/7/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/7/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 05/13/25 10:52
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E505077-01A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH01-1'	E505077-02A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH01-2'	E505077-03A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH01-3'	E505077-04A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH01-4'	E505077-05A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH01-6'	E505077-06A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH02-0'	E505077-07A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH02-1'	E505077-08A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH02-2'	E505077-09A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH03-0'	E505077-10A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH03-1'	E505077-11A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH03-2'	E505077-12A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH03-3'	E505077-13A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH03-4'	E505077-14A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH03-4.5'	E505077-15A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH04-0'	E505077-16A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH04-1'	E505077-17A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.
BH04-2'	E505077-18A	Soil	05/05/25	05/07/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:52:31AM

BH01-0'

E505077-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.6 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		109 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/09/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	05/08/25	05/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	2270	40.0	2	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH01-1'

E505077-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/09/25	
<i>Surrogate: n-Nonane</i>						
		96.9 %	61-141	05/08/25	05/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	1880	40.0	2	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH01-2'

E505077-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/09/25	
<i>Surrogate: n-Nonane</i>						
		96.6 %	61-141	05/08/25	05/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	5480	100	5	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH01-3'

E505077-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		107 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/09/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	05/08/25	05/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	4320	40.0	2	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH01-4'

E505077-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/09/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	05/08/25	05/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	8820	100	5	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH01-6'

E505077-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/09/25	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	05/08/25	05/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	6660	100	5	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH02-0'

E505077-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/09/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		05/08/25	05/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	557	20.0	1	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH02-1'

E505077-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/09/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		05/08/25	05/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	9820	200	10	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH02-2'

E505077-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		107 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/09/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	05/08/25	05/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	10400	200	10	05/12/25	05/12/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 5/13/2025 10:52:31AM
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BH03-0'

E505077-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
Surrogate: 4-Bromochlorobenzene-PID	101 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	107 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	337	25.0	1	05/08/25	05/09/25	
Oil Range Organics (C28-C36)	154	50.0	1	05/08/25	05/09/25	
Surrogate: n-Nonane	99.6 %	61-141		05/08/25	05/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	3000	40.0	2	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH03-1'

E505077-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519101
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519101
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2519124
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/09/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		05/08/25	05/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2520010
Chloride	8590	200	10	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH03-2'

E505077-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	99.9 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	4570	40.0	2	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH03-3'

E505077-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	5320	100	5	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH03-4'

E505077-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	99.7 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	10100	200	10	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH03-4.5'

E505077-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519101
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519101
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		107 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2519124
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
		97.6 %	61-141	05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2520010
Chloride	12900	200	10	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH04-0'

E505077-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		107 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
		97.4 %	61-141	05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	15700	400	20	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH04-1'

E505077-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/11/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/11/25	
Toluene	ND	0.0250	1	05/08/25	05/11/25	
o-Xylene	ND	0.0250	1	05/08/25	05/11/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/11/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.0 %	70-130		05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	98.4 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	1110	40.0	2	05/12/25	05/12/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/13/2025 10:52:31AM

BH04-2'

E505077-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Benzene	ND	0.0250	1	05/08/25	05/11/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/11/25	
Toluene	ND	0.0250	1	05/08/25	05/11/25	
o-Xylene	ND	0.0250	1	05/08/25	05/11/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/11/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		05/08/25	05/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2519124	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/08/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/08/25	05/10/25	
<i>Surrogate: n-Nonane</i>						
	94.2 %	61-141		05/08/25	05/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2520010	
Chloride	21.1	20.0	1	05/12/25	05/12/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:52:31AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2519101-BLK1)

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.4	70-130			

LCS (2519101-BS1)

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	4.37	0.0250	5.00		87.4	70-130			
Ethylbenzene	4.49	0.0250	5.00		89.7	70-130			
Toluene	4.44	0.0250	5.00		88.8	70-130			
o-Xylene	4.46	0.0250	5.00		89.2	70-130			
p,m-Xylene	9.11	0.0500	10.0		91.1	70-130			
Total Xylenes	13.6	0.0250	15.0		90.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.8	70-130			

Matrix Spike (2519101-MS1)

Source: E505077-02

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	3.95	0.0250	5.00	ND	79.0	70-130			
Ethylbenzene	4.04	0.0250	5.00	ND	80.9	70-130			
Toluene	4.00	0.0250	5.00	ND	80.0	70-130			
o-Xylene	4.02	0.0250	5.00	ND	80.3	70-130			
p,m-Xylene	8.20	0.0500	10.0	ND	82.0	70-130			
Total Xylenes	12.2	0.0250	15.0	ND	81.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

Matrix Spike Dup (2519101-MSD1)

Source: E505077-02

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	4.40	0.0250	5.00	ND	88.0	70-130	10.8	27	
Ethylbenzene	4.50	0.0250	5.00	ND	90.1	70-130	10.8	26	
Toluene	4.45	0.0250	5.00	ND	89.1	70-130	10.7	20	
o-Xylene	4.50	0.0250	5.00	ND	90.0	70-130	11.3	25	
p,m-Xylene	9.14	0.0500	10.0	ND	91.4	70-130	10.9	23	
Total Xylenes	13.6	0.0250	15.0	ND	90.9	70-130	11.0	26	
Surrogate: 4-Bromochlorobenzene-PID	7.91		8.00		98.9	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:52:31AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2519101-BLK1) Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.46		8.00		106	70-130			

LCS (2519101-BS2) Prepared: 05/08/25 Analyzed: 05/12/25

Gasoline Range Organics (C6-C10)	50.1	20.0	50.0		100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.63		8.00		108	70-130			

Matrix Spike (2519101-MS2) Source: E505077-02 Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.61		8.00		108	70-130			

Matrix Spike Dup (2519101-MSD2) Source: E505077-02 Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0	ND	96.2	70-130	1.76	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.23		8.00		115	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:52:31AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

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

Blank (2519124-BLK1)					Prepared: 05/08/25 Analyzed: 05/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.6		50.0		97.2	61-141			

LCS (2519124-BS1)					Prepared: 05/08/25 Analyzed: 05/09/25				
Diesel Range Organics (C10-C28)	263	25.0	250		105	66-144			
Surrogate: n-Nonane	48.1		50.0		96.2	61-141			

Matrix Spike (2519124-MS1)					Source: E505077-03		Prepared: 05/08/25 Analyzed: 05/09/25		
Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	48.0		50.0		96.1	61-141			

Matrix Spike Dup (2519124-MSD1)					Source: E505077-03		Prepared: 05/08/25 Analyzed: 05/09/25		
Diesel Range Organics (C10-C28)	269	25.0	250	ND	107	56-156	0.112	20	
Surrogate: n-Nonane	48.5		50.0		97.1	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/13/2025 10:52:31AM

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 (2520010-BLK1)					Prepared: 05/12/25 Analyzed: 05/12/25				
Chloride	ND	20.0							
LCS (2520010-BS1)					Prepared: 05/12/25 Analyzed: 05/12/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2520010-MS1)					Source: E505077-03		Prepared: 05/12/25 Analyzed: 05/12/25		
Chloride	5020	100	250	5480	NR	80-120			M4
Matrix Spike Dup (2520010-MSD1)					Source: E505077-03		Prepared: 05/12/25 Analyzed: 05/12/25		
Chloride	6000	100	250	5480	207	80-120	17.7	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/13/25 10:52

- 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.



Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Devon				Company: Devon Energy				Lab WO# E505077				Job Number 010580007				1D 2D 3D Std x x x x							
Project: <u>MARIK 28 CT B 2</u>				Address: 5315 Buena Vista Dr												NM CO UT TX x x 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@envirotech.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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA				
JH 0910	5/5/25	Soil	1	SS16-0'																			
JH 0920				SS16-1'																			
JH 0926				SS18-0'																			
JH 0930				SS18-1'																			
JH 1036				SS14-0'																			
JH 1102				SS14-1'																			
0911				BH01-0'			1													3.8			
0927				01-1'			2													3.6			
0930				01-2'			3													3.0			
0946				01-3'			4													3.4			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@envirotech.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 and Oluwale Aderinto</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							
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Devon				Company: Devon Energy		Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
Project: <u>Mariari 28 CTB 2</u>				Address: 5315 Buena Vista Dr		<u>E505077</u>		<u>01058-0007</u>					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@dnv.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information																		
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	TCEQ 1005 - TX	RCRA 8 Metals	IGDOC - NM	IGDOC - TX	Sample Temp	Remarks
0950	5/5/2025	Soil	1	BH01-4'			5								x		4.0	
1246				BH01-6'			6								x		4.2	
1008				BH02-0'			7								x		3.6	
1014				↓ 02-1'			8								x		3.4	
1041				↓ 02-2'			9								x		4.2	
1101				BH 03-0'			10								x		3.1	
1106				↓ 03-1'			11								x		4.0	
1113				↓ 03-2'			12								x		3.6	
1117				↓ 03-3'			13								x		3.2	
1154				↓ 03-4'			14								x		4.2	
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@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 and Oluwale Aderinto</u>																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.		Lab Use Only Received on ice: <u>(Y)</u> N				
<u>Jenna Hinkle</u>		5-6-25		1736		<u>Marissa Gonzales</u>		5-6-25		0711								
<u>Marissa Gonzales</u>		5-6-25		1736		<u>J.M.</u>		5-6-25		1730								
<u>J.M.</u>		5-6-25		2400		<u>Carthra</u>		5-7-25		800								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Client Information				Invoice Information		Lab Use Only				TAT				State						
Client: Devon				Company: Devon Energy		Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX			
Project: <u>Marwan 28 CTB 2</u>				Address: 5315 Buena Vista Dr		<u>E 505077</u>		<u>01088-0007</u>					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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
1158	5/5/2015	Soil	1	BH03-4.5'		15									+		4.3			
1149	↓	↓	↓	BH04-0'		16									+		4.0			
1158	↓	↓	↓	↓ 04-1'		17									+		4.2			
1200	↓	↓	↓	↓ 04-2'		18									+		3.8			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@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 and Alvarado Adarinto</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.								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Received on ice: <u>(X)</u> N								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other											Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Envirotech Analytical Laboratory

Printed: 5/7/2025 1:13:52PM

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:	05/07/25 08:00	Work Order ID:	E505077
Phone:	(505) 382-1211	Date Logged In:	05/06/25 16:31	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/13/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508046

Job Number: 01058-0007

Received: 8/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/7/25

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: 8/7/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E508046
Date Received: 8/6/2025 6:30:54AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/6/2025 6:30:54AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
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Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 08/07/25 14:10
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS39-0'	E508046-01A	Soil	08/04/25	08/06/25	Glass Jar, 2 oz.
FS40-0'	E508046-02A	Soil	08/04/25	08/06/25	Glass Jar, 2 oz.
FS43-0'	E508046-03A	Soil	08/04/25	08/06/25	Glass Jar, 2 oz.
FS44-0'	E508046-04A	Soil	08/04/25	08/06/25	Glass Jar, 2 oz.
FS46-0'	E508046-05A	Soil	08/04/25	08/06/25	Glass Jar, 2 oz.
FS47-0'	E508046-06A	Soil	08/04/25	08/06/25	Glass Jar, 2 oz.
FS48-0'	E508046-07A	Soil	08/04/25	08/06/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:10:06PM

FS39-0'

E508046-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.2 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.8 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2532061	
Diesel Range Organics (C10-C28)	62.0	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	91.1	50.0	1	08/05/25	08/06/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2532069	
Chloride	789	20.0	1	08/06/25	08/06/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:10:06PM

FS40-0'

E508046-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.0 %	70-130		08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2532061	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		08/05/25	08/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2532069	
Chloride	6060	100	5	08/06/25	08/06/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:10:06PM

FS43-0'

E508046-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2532061	
Diesel Range Organics (C10-C28)	103	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	148	50.0	1	08/05/25	08/06/25	
<i>Surrogate: n-Nonane</i>						
	113 %	61-141		08/05/25	08/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2532069	
Chloride	367	20.0	1	08/06/25	08/06/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:10:06PM

FS44-0'

E508046-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2532061	
Diesel Range Organics (C10-C28)	110	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	147	50.0	1	08/05/25	08/06/25	
<i>Surrogate: n-Nonane</i>						
	111 %	61-141		08/05/25	08/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2532069	
Chloride	1370	40.0	2	08/06/25	08/06/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:10:06PM

FS46-0'

E508046-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2532061	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
<i>Surrogate: n-Nonane</i>						
	114 %	61-141		08/05/25	08/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2532069	
Chloride	2240	40.0	2	08/06/25	08/06/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:10:06PM

FS47-0'

E508046-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532063
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
Surrogate: 4-Bromochlorobenzene-PID	99.9 %	70-130		08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532063
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	97.0 %	70-130		08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2532061
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
Surrogate: n-Nonane	113 %	61-141		08/05/25	08/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2532069
Chloride	4960	40.0	2	08/06/25	08/06/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:10:06PM

FS48-0'

E508046-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2532061	
Diesel Range Organics (C10-C28)	42.7	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	97.7	50.0	1	08/05/25	08/06/25	
<i>Surrogate: n-Nonane</i>						
		114 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2532069	
Chloride	9570	200	10	08/06/25	08/06/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/7/2025 2:10:06PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532063-BLK1)

Prepared: 08/06/25 Analyzed: 08/06/25

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	7.71		8.00		96.4	70-130			

LCS (2532063-BS1)

Prepared: 08/06/25 Analyzed: 08/06/25

Benzene	4.87	0.0250	5.00		97.4	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.1	70-130			
Toluene	4.85	0.0250	5.00		96.9	70-130			
o-Xylene	4.84	0.0250	5.00		96.8	70-130			
p,m-Xylene	9.79	0.0500	10.0		97.9	70-130			
Total Xylenes	14.6	0.0250	15.0		97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.7	70-130			

Matrix Spike (2532063-MS1)

Source: E508045-03

Prepared: 08/06/25 Analyzed: 08/06/25

Benzene	3.99	0.0250	5.00	ND	79.8	70-130			
Ethylbenzene	3.89	0.0250	5.00	ND	77.9	70-130			
Toluene	3.96	0.0250	5.00	ND	79.1	70-130			
o-Xylene	4.06	0.0250	5.00	ND	81.2	70-130			
p,m-Xylene	7.99	0.0500	10.0	ND	79.9	70-130			
Total Xylenes	12.1	0.0250	15.0	ND	80.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.8	70-130			

Matrix Spike Dup (2532063-MSD1)

Source: E508045-03

Prepared: 08/06/25 Analyzed: 08/06/25

Benzene	4.55	0.0250	5.00	ND	91.1	70-130	13.2	27	
Ethylbenzene	4.49	0.0250	5.00	ND	89.8	70-130	14.2	26	
Toluene	4.53	0.0250	5.00	ND	90.5	70-130	13.4	20	
o-Xylene	4.55	0.0250	5.00	ND	90.9	70-130	11.3	25	
p,m-Xylene	9.16	0.0500	10.0	ND	91.6	70-130	13.5	23	
Total Xylenes	13.7	0.0250	15.0	ND	91.3	70-130	12.8	26	
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/7/2025 2:10:06PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532063-BLK1) Prepared: 08/06/25 Analyzed: 08/06/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.15		8.00		102	70-130			

LCS (2532063-BS2) Prepared: 08/06/25 Analyzed: 08/06/25

Gasoline Range Organics (C6-C10)	46.0	20.0	50.0		92.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.13		8.00		102	70-130			

Matrix Spike (2532063-MS2) Source: E508045-03 Prepared: 08/06/25 Analyzed: 08/06/25

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.35		8.00		104	70-130			

Matrix Spike Dup (2532063-MSD2) Source: E508045-03 Prepared: 08/06/25 Analyzed: 08/06/25

Gasoline Range Organics (C6-C10)	51.5	20.0	50.0	ND	103	70-130	4.81	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.31		8.00		104	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/7/2025 2:10:06PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532061-BLK1)					Prepared: 08/05/25 Analyzed: 08/06/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			

LCS (2532061-BS1)					Prepared: 08/05/25 Analyzed: 08/06/25				
Diesel Range Organics (C10-C28)	279	25.0	250		112	66-144			
Surrogate: n-Nonane	50.3		50.0		101	61-141			

Matrix Spike (2532061-MS1)					Source: E508045-03		Prepared: 08/05/25 Analyzed: 08/06/25		
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	49.6		50.0		99.2	61-141			

Matrix Spike Dup (2532061-MSD1)					Source: E508045-03		Prepared: 08/05/25 Analyzed: 08/06/25		
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156	0.550	20	
Surrogate: n-Nonane	50.9		50.0		102	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/7/2025 2:10:06PM

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 (2532069-BLK1)					Prepared: 08/06/25 Analyzed: 08/06/25				
Chloride	ND	20.0							
LCS (2532069-BS1)					Prepared: 08/06/25 Analyzed: 08/06/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2532069-MS1)					Source: E508045-05		Prepared: 08/06/25 Analyzed: 08/06/25		
Chloride	298	20.0	250	42.9	102	80-120			
Matrix Spike Dup (2532069-MSD1)					Source: E508045-05		Prepared: 08/06/25 Analyzed: 08/06/25		
Chloride	300	20.0	250	42.9	103	80-120	0.648	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/07/25 14:10

- 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#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr		E 508046	01058-0007		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@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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	RGDOC - NM	RGDOC - TX	SDWA	CWA	RCRA	
0954	8/5/25	Soil	1	FS 39-0'		1								+					
1010				40-0'		2								+					
0956				43-0'		3								+					
0957				44-0'		4								+					
1020				46-0'		5								+					
1013				47-0'		6								+					
1009				48-0'		7								+					
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, igonzales@ensolum.com, jmccauley@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 and Eric Plugg																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y/N							
Jenna Hinkle		8/5/2025		7:00		Michelle Gonzales		8-5-25		0700									
Michelle Gonzales		8-5-25		1500		Marissa Gonzales		8-5-25		1500									
Marissa Gonzales		8-5-25		1915		Andrew Musso		8.5.25		1915									
Andrew Musso		8.5.25		2330		Carla Marx		8.6.25		0630									
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: 8/6/2025 8:27:21AM

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:	08/06/25 06:30	Work Order ID:	E508046
Phone:	(505) 382-1211	Date Logged In:	08/05/25 14:51	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/07/25 07:00 (1 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: Marwari 28 CTB 2

Work Order: E508061

Job Number: 01058-0007

Received: 8/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/7/25

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: 8/7/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E508061
Date Received: 8/6/2025 6:30:54AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/6/2025 6:30:54AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 08/07/25 14:18
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS02-0'	E508061-01A	Soil	08/04/25	08/06/25	Glass Jar, 4 oz.
FS03-0'	E508061-02A	Soil	08/04/25	08/06/25	Glass Jar, 4 oz.
FS07-0'	E508061-03A	Soil	08/04/25	08/06/25	Glass Jar, 4 oz.
FS10-0'	E508061-04A	Soil	08/04/25	08/06/25	Glass Jar, 4 oz.
FS14-0'	E508061-05A	Soil	08/04/25	08/06/25	Glass Jar, 4 oz.
FS16-0'	E508061-06A	Soil	08/04/25	08/06/25	Glass Jar, 4 oz.
FS19-0'	E508061-07A	Soil	08/04/25	08/06/25	Glass Jar, 4 oz.
FS27-0'	E508061-08A	Soil	08/04/25	08/06/25	Glass Jar, 4 oz.



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:18:44PM

FS02-0'

E508061-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2532064
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2532064
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.3 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2532051
Diesel Range Organics (C10-C28)	36.2	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
<i>Surrogate: n-Nonane</i>						
		96.8 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2532076
Chloride	8810	200	10	08/06/25	08/06/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:18:44PM

FS03-0'

E508061-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2532051	
Diesel Range Organics (C10-C28)	444	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	236	50.0	1	08/05/25	08/06/25	
<i>Surrogate: n-Nonane</i>		99.6 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2532076	
Chloride	867	20.0	1	08/06/25	08/06/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:18:44PM

FS07-0'

E508061-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.8 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532051	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/06/25	
<i>Surrogate: n-Nonane</i>						
		95.5 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2532076	
Chloride	10000	200	10	08/06/25	08/06/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:18:44PM

FS10-0'

E508061-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	0.0501	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.7 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532051	
Diesel Range Organics (C10-C28)	209	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	143	50.0	1	08/05/25	08/06/25	
<i>Surrogate: n-Nonane</i>						
		98.1 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2532076	
Chloride	1250	20.0	1	08/06/25	08/06/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:18:44PM

FS14-0'

E508061-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532051	
Diesel Range Organics (C10-C28)	45.6	25.0	1	08/05/25	08/06/25	
Oil Range Organics (C28-C36)	54.9	50.0	1	08/05/25	08/06/25	
<i>Surrogate: n-Nonane</i>						
		98.9 %	61-141	08/05/25	08/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2532076	
Chloride	2970	40.0	2	08/06/25	08/06/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:18:44PM

FS16-0'

E508061-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.8 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2532051	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/07/25	
<i>Surrogate: n-Nonane</i>		98.5 %	61-141	08/05/25	08/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2532076	
Chloride	2850	40.0	2	08/06/25	08/07/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:18:44PM

FS19-0'

E508061-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532051	
Diesel Range Organics (C10-C28)	48.7	25.0	1	08/05/25	08/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/07/25	
<i>Surrogate: n-Nonane</i>						
		99.1 %	61-141	08/05/25	08/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2532076	
Chloride	7430	200	10	08/06/25	08/07/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/7/2025 2:18:44PM

FS27-0'

E508061-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Benzene	ND	0.0250	1	08/06/25	08/06/25	
Ethylbenzene	ND	0.0250	1	08/06/25	08/06/25	
Toluene	ND	0.0250	1	08/06/25	08/06/25	
o-Xylene	ND	0.0250	1	08/06/25	08/06/25	
p,m-Xylene	ND	0.0500	1	08/06/25	08/06/25	
Total Xylenes	ND	0.0250	1	08/06/25	08/06/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2532064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/06/25	08/06/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.2 %	70-130	08/06/25	08/06/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532051	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/05/25	08/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/05/25	08/07/25	
<i>Surrogate: n-Nonane</i>						
		96.3 %	61-141	08/05/25	08/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2532076	
Chloride	3990	40.0	2	08/06/25	08/07/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/7/2025 2:18:44PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532064-BLK1)

Prepared: 08/06/25 Analyzed: 08/06/25

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	7.49		8.00		93.6	70-130			

LCS (2532064-BS1)

Prepared: 08/06/25 Analyzed: 08/06/25

Benzene	5.28	0.0250	5.00		106	70-130			
Ethylbenzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.22	0.0250	5.00		104	70-130			
o-Xylene	5.02	0.0250	5.00		100	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	7.88		8.00		98.4	70-130			

Matrix Spike (2532064-MS1)

Source: E508060-05

Prepared: 08/06/25 Analyzed: 08/06/25

Benzene	5.78	0.0250	5.00	ND	116	70-130			
Ethylbenzene	5.61	0.0250	5.00	ND	112	70-130			
Toluene	5.72	0.0250	5.00	ND	114	70-130			
o-Xylene	5.50	0.0250	5.00	ND	110	70-130			
p,m-Xylene	11.3	0.0500	10.0	ND	113	70-130			
Total Xylenes	16.8	0.0250	15.0	ND	112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.5	70-130			

Matrix Spike Dup (2532064-MSD1)

Source: E508060-05

Prepared: 08/06/25 Analyzed: 08/06/25

Benzene	5.54	0.0250	5.00	ND	111	70-130	4.27	27	
Ethylbenzene	5.38	0.0250	5.00	ND	108	70-130	4.21	26	
Toluene	5.47	0.0250	5.00	ND	109	70-130	4.40	20	
o-Xylene	5.27	0.0250	5.00	ND	105	70-130	4.29	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	4.12	23	
Total Xylenes	16.1	0.0250	15.0	ND	107	70-130	4.18	26	
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/7/2025 2:18:44PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532064-BLK1) Prepared: 08/06/25 Analyzed: 08/06/25

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

LCS (2532064-BS2) Prepared: 08/06/25 Analyzed: 08/06/25

Gasoline Range Organics (C6-C10)	58.2	20.0	50.0		116	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130			

Matrix Spike (2532064-MS2) Source: E508060-05 Prepared: 08/06/25 Analyzed: 08/06/25

Gasoline Range Organics (C6-C10)	53.2	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.63		8.00		95.3	70-130			

Matrix Spike Dup (2532064-MSD2) Source: E508060-05 Prepared: 08/06/25 Analyzed: 08/06/25

Gasoline Range Organics (C6-C10)	55.0	20.0	50.0	ND	110	70-130	3.25	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/7/2025 2:18:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532051-BLK1)					Prepared: 08/05/25 Analyzed: 08/06/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.5		50.0		90.9	61-141			

LCS (2532051-BS1)					Prepared: 08/05/25 Analyzed: 08/06/25				
Diesel Range Organics (C10-C28)	246	25.0	250		98.3	66-144			
Surrogate: n-Nonane	46.6		50.0		93.2	61-141			

Matrix Spike (2532051-MS1)					Source: E508043-01		Prepared: 08/05/25 Analyzed: 08/06/25		
Diesel Range Organics (C10-C28)	521	25.0	250	270	100	56-156			
Surrogate: n-Nonane	48.4		50.0		96.9	61-141			

Matrix Spike Dup (2532051-MSD1)					Source: E508043-01		Prepared: 08/05/25 Analyzed: 08/06/25		
Diesel Range Organics (C10-C28)	409	25.0	250	270	55.5	56-156	24.0	20	R3
Surrogate: n-Nonane	47.9		50.0		95.7	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/7/2025 2:18:44PM

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 (2532076-BLK1)					Prepared: 08/06/25 Analyzed: 08/06/25				
Chloride	ND	20.0							
LCS (2532076-BS1)					Prepared: 08/06/25 Analyzed: 08/06/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2532076-MS1)					Source: E508061-03		Prepared: 08/06/25 Analyzed: 08/06/25		
Chloride	11200	200	250	10000	484	80-120			M4
Matrix Spike Dup (2532076-MSD1)					Source: E508061-03		Prepared: 08/06/25 Analyzed: 08/06/25		
Chloride	8730	200	250	10000	NR	80-120	25.1	20	M4, R3

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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/07/25 14:18

- 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.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- 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#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr		E508061	01058-0007		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@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/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
0848	8/4/2025	Soil	1	F502 -0'		1								+			2.4			
0850				03-0'		2								+			2.6			
0854				07-0'		3								+			3.0			
0900				10-0'		4								+			3.4			
0903				14-0'		5								+			2.2			
1057				16-0'		6								+			2.3			
1100				19-0'		7								+			3.1			
0927				27-0'		8								+			3.2			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@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 and Eric Pluggie																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N								
Jenna Hinkle		8/5/2025		7:00		Michelle Gonzales		8-5-25		0700										
Michelle Gonzales		8-5-25		1500		Marissa Gonzales		8-5-25		1500										
Marissa Gonzales		8-5-25		1915		Andrew Musso		8-5-25		1915										
Andrew Musso		8-5-25		2330		Eric Pluggie		8-6-25		1630										
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: 8/6/2025 9:35:48AM

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:	08/06/25 06:30	Work Order ID:	E508061
Phone:	(505) 382-1211	Date Logged In:	08/06/25 07:24	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/07/25 07:00 (1 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: Marwari 28 CTB 2

Work Order: E508067

Job Number: 01058-0007

Received: 8/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/8/25

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: 8/8/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E508067
Date Received: 8/7/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/7/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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:	Marwari 28 CTB 2	Reported: 08/08/25 13:39
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS06-0.5'	E508067-01A	Soil	08/05/25	08/07/25	Glass Jar, 2 oz.
FS08-0.5'	E508067-02A	Soil	08/05/25	08/07/25	Glass Jar, 2 oz.
FS11-0.5'	E508067-03A	Soil	08/05/25	08/07/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/8/2025 1:39:09PM

FS06-0.5'

E508067-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2532096	
Benzene	ND	0.0250	1	08/07/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/07/25	08/08/25	
Toluene	0.0293	0.0250	1	08/07/25	08/08/25	
o-Xylene	ND	0.0250	1	08/07/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/07/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/07/25	08/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		85.9 %	70-130	08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2532096	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/25	08/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2532102	
Diesel Range Organics (C10-C28)	1040	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	459	50.0	1	08/07/25	08/08/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2532098	
Chloride	6510	100	5	08/07/25	08/07/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/8/2025 1:39:09PM

FS08-0.5'

E508067-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532096	
Benzene	ND	0.0250	1	08/07/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/07/25	08/08/25	
Toluene	ND	0.0250	1	08/07/25	08/08/25	
o-Xylene	ND	0.0250	1	08/07/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/07/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/07/25	08/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.0 %	70-130		08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532096	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/25	08/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2532102	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	52.1	50.0	1	08/07/25	08/08/25	
<i>Surrogate: n-Nonane</i>						
	93.3 %	61-141		08/07/25	08/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532098	
Chloride	11200	200	10	08/07/25	08/07/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/8/2025 1:39:09PM

FS11-0.5'

E508067-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532096	
Benzene	ND	0.0250	1	08/07/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/07/25	08/08/25	
Toluene	ND	0.0250	1	08/07/25	08/08/25	
o-Xylene	ND	0.0250	1	08/07/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/07/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/07/25	08/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.7 %	70-130		08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532096	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/25	08/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2532102	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
<i>Surrogate: n-Nonane</i>						
	99.1 %	61-141		08/07/25	08/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532098	
Chloride	8660	200	10	08/07/25	08/07/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/8/2025 1:39:09PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532096-BLK1)

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

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	6.99		8.00		87.4	70-130			

LCS (2532096-BS1)

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

Benzene	5.49	0.0250	5.00		110	70-130			
Ethylbenzene	5.35	0.0250	5.00		107	70-130			
Toluene	5.46	0.0250	5.00		109	70-130			
o-Xylene	5.32	0.0250	5.00		106	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.13		8.00		89.1	70-130			

Matrix Spike (2532096-MS1)

Source: E508068-03

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

Benzene	5.46	0.0250	5.00	ND	109	70-130			
Ethylbenzene	5.32	0.0250	5.00	ND	106	70-130			
Toluene	5.42	0.0250	5.00	ND	108	70-130			
o-Xylene	5.27	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130			
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike Dup (2532096-MSD1)

Source: E508068-03

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

Benzene	4.59	0.0250	5.00	ND	91.8	70-130	17.4	27	
Ethylbenzene	4.48	0.0250	5.00	ND	89.5	70-130	17.3	26	
Toluene	4.58	0.0250	5.00	ND	91.7	70-130	16.8	20	
o-Xylene	4.48	0.0250	5.00	ND	89.7	70-130	16.2	25	
p,m-Xylene	9.10	0.0500	10.0	ND	91.0	70-130	16.8	23	
Total Xylenes	13.6	0.0250	15.0	ND	90.5	70-130	16.6	26	
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/8/2025 1:39:09PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532096-BLK1)

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

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			

LCS (2532096-BS2)

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

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			

Matrix Spike (2532096-MS2)

Source: E508068-03

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

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

Matrix Spike Dup (2532096-MSD2)

Source: E508068-03

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

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130	4.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/8/2025 1:39:09PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532102-BLK1)					Prepared: 08/07/25 Analyzed: 08/07/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.2		50.0		96.3	61-141			

LCS (2532102-BS1)					Prepared: 08/07/25 Analyzed: 08/07/25				
Diesel Range Organics (C10-C28)	247	25.0	250		98.8	66-144			
Surrogate: n-Nonane	48.6		50.0		97.3	61-141			

Matrix Spike (2532102-MS1)					Source: E508027-04		Prepared: 08/07/25 Analyzed: 08/07/25		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156			
Surrogate: n-Nonane	47.9		50.0		95.7	61-141			

Matrix Spike Dup (2532102-MSD1)					Source: E508027-04		Prepared: 08/07/25 Analyzed: 08/07/25		
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156	0.694	20	
Surrogate: n-Nonane	48.4		50.0		96.8	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/8/2025 1:39:09PM

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 (2532098-BLK1)					Prepared: 08/07/25 Analyzed: 08/07/25				
Chloride	ND	20.0							
LCS (2532098-BS1)					Prepared: 08/07/25 Analyzed: 08/07/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2532098-MS1)					Source: E508077-01		Prepared: 08/07/25 Analyzed: 08/07/25		
Chloride	755	20.0	250	577	71.2	80-120			M2
Matrix Spike Dup (2532098-MSD1)					Source: E508077-01		Prepared: 08/07/25 Analyzed: 08/07/25		
Chloride	753	20.0	250	577	70.7	80-120	0.172	20	M2

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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/08/25 13:39

- M2 Matrix spike recovery was outside quality control limits. 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.

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Envirotech Analytical Laboratory

Printed: 8/7/2025 10:06:33AM

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:	08/07/25 08:00	Work Order ID:	E508067
Phone:	(505) 382-1211	Date Logged In:	08/06/25 14:44	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/08/25 07:00 (1 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: Marwari 28 CTB 2

Work Order: E508068

Job Number: 01058-0007

Received: 8/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/8/25

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: 8/8/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E508068
Date Received: 8/7/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/7/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 08/08/25 12:41
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-0.5'	E508068-01A	Soil	08/05/25	08/07/25	Glass Jar, 2 oz.
FS04-0.5'	E508068-02A	Soil	08/05/25	08/07/25	Glass Jar, 2 oz.
FS08-0.5'	E508068-03A	Soil	08/05/25	08/07/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/8/2025 12:41:42PM

FS01-0.5'

E508068-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2532096	
Benzene	ND	0.0250	1	08/07/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/07/25	08/08/25	
Toluene	ND	0.0250	1	08/07/25	08/08/25	
o-Xylene	ND	0.0250	1	08/07/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/07/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/07/25	08/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.1 %	70-130	08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2532096	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/25	08/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.1 %	70-130	08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2532103	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2532098	
Chloride	1230	40.0	2	08/07/25	08/07/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/8/2025 12:41:42PM

FS04-0.5'

E508068-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532096
Benzene	ND	0.0250	1	08/07/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/07/25	08/08/25	
Toluene	ND	0.0250	1	08/07/25	08/08/25	
o-Xylene	ND	0.0250	1	08/07/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/07/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/07/25	08/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.6 %	70-130		08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532096
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/25	08/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2532103
Diesel Range Organics (C10-C28)	ND	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/07/25	08/08/25	
<i>Surrogate: n-Nonane</i>						
	98.1 %	61-141		08/07/25	08/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2532098
Chloride	511	20.0	1	08/07/25	08/07/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/8/2025 12:41:42PM

FS08-0.5'

E508068-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2532096	
Benzene	ND	0.0250	1	08/07/25	08/08/25	
Ethylbenzene	ND	0.0250	1	08/07/25	08/08/25	
Toluene	ND	0.0250	1	08/07/25	08/08/25	
o-Xylene	ND	0.0250	1	08/07/25	08/08/25	
p,m-Xylene	ND	0.0500	1	08/07/25	08/08/25	
Total Xylenes	ND	0.0250	1	08/07/25	08/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.0 %	70-130	08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2532096	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/07/25	08/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	08/07/25	08/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2532103	
Diesel Range Organics (C10-C28)	3600	25.0	1	08/07/25	08/08/25	
Oil Range Organics (C28-C36)	1280	50.0	1	08/07/25	08/08/25	
<i>Surrogate: n-Nonane</i>		98.1 %	61-141	08/07/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2532098	
Chloride	4800	100	5	08/07/25	08/07/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/8/2025 12:41:42PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532096-BLK1)

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

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	6.99		8.00		87.4	70-130			

LCS (2532096-BS1)

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

Benzene	5.49	0.0250	5.00		110	70-130			
Ethylbenzene	5.35	0.0250	5.00		107	70-130			
Toluene	5.46	0.0250	5.00		109	70-130			
o-Xylene	5.32	0.0250	5.00		106	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.13		8.00		89.1	70-130			

Matrix Spike (2532096-MS1)

Source: E508068-03

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

Benzene	5.46	0.0250	5.00	ND	109	70-130			
Ethylbenzene	5.32	0.0250	5.00	ND	106	70-130			
Toluene	5.42	0.0250	5.00	ND	108	70-130			
o-Xylene	5.27	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130			
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike Dup (2532096-MSD1)

Source: E508068-03

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

Benzene	4.59	0.0250	5.00	ND	91.8	70-130	17.4	27	
Ethylbenzene	4.48	0.0250	5.00	ND	89.5	70-130	17.3	26	
Toluene	4.58	0.0250	5.00	ND	91.7	70-130	16.8	20	
o-Xylene	4.48	0.0250	5.00	ND	89.7	70-130	16.2	25	
p,m-Xylene	9.10	0.0500	10.0	ND	91.0	70-130	16.8	23	
Total Xylenes	13.6	0.0250	15.0	ND	90.5	70-130	16.6	26	
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/8/2025 12:41:42PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532096-BLK1) Prepared: 08/07/25 Analyzed: 08/08/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			

LCS (2532096-BS2) Prepared: 08/07/25 Analyzed: 08/08/25

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			

Matrix Spike (2532096-MS2) Source: E508068-03 Prepared: 08/07/25 Analyzed: 08/08/25

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

Matrix Spike Dup (2532096-MSD2) Source: E508068-03 Prepared: 08/07/25 Analyzed: 08/08/25

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130	4.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/8/2025 12:41:42PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532103-BLK1)					Prepared: 08/07/25 Analyzed: 08/07/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.7		50.0		95.4	61-141			

LCS (2532103-BS1)					Prepared: 08/07/25 Analyzed: 08/07/25				
Diesel Range Organics (C10-C28)	255	25.0	250		102	66-144			
Surrogate: n-Nonane	51.6		50.0		103	61-141			

Matrix Spike (2532103-MS1)					Source: E508028-03		Prepared: 08/07/25 Analyzed: 08/07/25		
Diesel Range Organics (C10-C28)	371	25.0	250	130	96.5	56-156			
Surrogate: n-Nonane	49.5		50.0		99.0	61-141			

Matrix Spike Dup (2532103-MSD1)					Source: E508028-03		Prepared: 08/07/25 Analyzed: 08/07/25		
Diesel Range Organics (C10-C28)	407	25.0	250	130	111	56-156	9.41	20	
Surrogate: n-Nonane	50.2		50.0		100	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/8/2025 12:41:42PM

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 (2532098-BLK1)					Prepared: 08/07/25 Analyzed: 08/07/25				
Chloride	ND	20.0							
LCS (2532098-BS1)					Prepared: 08/07/25 Analyzed: 08/07/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2532098-MS1)					Source: E508077-01		Prepared: 08/07/25 Analyzed: 08/07/25		
Chloride	755	20.0	250	577	71.2	80-120			M2
Matrix Spike Dup (2532098-MSD1)					Source: E508077-01		Prepared: 08/07/25 Analyzed: 08/07/25		
Chloride	753	20.0	250	577	70.7	80-120	0.172	20	M2

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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/08/25 12:41

- M2 Matrix spike recovery was outside quality control limits. 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.



[illegible]

Envirotech Analytical Laboratory

Printed: 8/7/2025 10:07:53AM

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:	08/07/25 08:00	Work Order ID:	E508068
Phone:	(505) 382-1211	Date Logged In:	08/06/25 14:48	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/08/25 07:00 (1 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: Marwari 28 CTB 2

Work Order: E508081

Job Number: 01058-0007

Received: 8/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/11/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 8/11/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E508081
Date Received: 8/8/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/8/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/11/25 14:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BF01	E508081-01A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 8/11/2025 2:22:37PM
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BF01

E508081-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID	85.6 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.4 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/08/25	
Surrogate: n-Nonane	100 %	61-141		08/08/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	170	20.0	1	08/08/25	08/08/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 2:22:37PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532130-BLK1)

Prepared: 08/08/25 Analyzed: 08/09/25

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	6.87		8.00		85.9	70-130			

LCS (2532130-BS1)

Prepared: 08/08/25 Analyzed: 08/09/25

Benzene	5.48	0.0250	5.00		110	70-130			
Ethylbenzene	5.58	0.0250	5.00		112	70-130			
Toluene	5.60	0.0250	5.00		112	70-130			
o-Xylene	5.57	0.0250	5.00		111	70-130			
p,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.9	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.6	70-130			

Matrix Spike (2532130-MS1)

Source: E508082-06

Prepared: 08/08/25 Analyzed: 08/09/25

Benzene	5.94	0.0250	5.00	ND	119	70-130			
Ethylbenzene	6.00	0.0250	5.00	ND	120	70-130			
Toluene	6.03	0.0250	5.00	ND	121	70-130			
o-Xylene	5.97	0.0250	5.00	ND	119	70-130			
p,m-Xylene	12.1	0.0500	10.0	ND	121	70-130			
Total Xylenes	18.1	0.0250	15.0	ND	121	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.1	70-130			

Matrix Spike Dup (2532130-MSD1)

Source: E508082-06

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

Benzene	6.24	0.0250	5.00	ND	125	70-130	4.84	27	
Ethylbenzene	6.11	0.0250	5.00	ND	122	70-130	1.79	26	
Toluene	6.20	0.0250	5.00	ND	124	70-130	2.73	20	
o-Xylene	6.01	0.0250	5.00	ND	120	70-130	0.719	25	
p,m-Xylene	12.3	0.0500	10.0	ND	123	70-130	1.81	23	
Total Xylenes	18.3	0.0250	15.0	ND	122	70-130	1.45	26	
Surrogate: 4-Bromochlorobenzene-PID	6.65		8.00		83.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 2:22:37PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532130-BLK1)

Prepared: 08/08/25 Analyzed: 08/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

LCS (2532130-BS2)

Prepared: 08/08/25 Analyzed: 08/09/25

Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			

Matrix Spike (2532130-MS2)

Source: E508082-06

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

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			

Matrix Spike Dup (2532130-MSD2)

Source: E508082-06

Prepared: 08/08/25 Analyzed: 08/09/25

Gasoline Range Organics (C6-C10)	58.5	20.0	50.0	ND	117	70-130	9.21	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 2:22:37PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532124-BLK1)					Prepared: 08/08/25 Analyzed: 08/08/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.2		50.0		96.5	61-141			

LCS (2532124-BS1)					Prepared: 08/08/25 Analyzed: 08/08/25				
Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			

Matrix Spike (2532124-MS1)					Source: E508082-02		Prepared: 08/08/25 Analyzed: 08/08/25		
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	51.5		50.0		103	61-141			

Matrix Spike Dup (2532124-MSD1)					Source: E508082-02		Prepared: 08/08/25 Analyzed: 08/08/25		
Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156	4.22	20	
Surrogate: n-Nonane	50.0		50.0		99.9	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 2:22:37PM

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 (2532127-BLK1)					Prepared: 08/08/25 Analyzed: 08/08/25				
Chloride	ND	20.0							
LCS (2532127-BS1)					Prepared: 08/08/25 Analyzed: 08/08/25				
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2532127-MS1)					Source: E508082-10		Prepared: 08/08/25 Analyzed: 08/08/25		
Chloride	39100	2000	250	45900	NR	80-120			M4
Matrix Spike Dup (2532127-MSD1)					Source: E508082-10		Prepared: 08/08/25 Analyzed: 08/08/25		
Chloride	45500	2000	250	45900	NR	80-120	15.2	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/11/25 14:22

- 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.



Client Information				Invoice Information				Lab Use Only				TAT				State						
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX			
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr				E508081		0108.007						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@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	Compliance	Y	or	N
1500	8/6/25	Soil	1	BF01		1																
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@envirotech.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@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 and Eric Plugg																						
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y/N)										
Jenna Hinkle		8/6/25		7:00		Michelle Gonzales		8-7-25		0700												
Michelle Gonzales		8-7-25		1245		Mariessa Gonzales		8-7-25		1245												
Mariessa Gonzales		8-7-25		1600		Andrew Musso		8.7.25		1600												
Andrew Musso		8.7.25		2000		Caitlynn		8-8-25		800												
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: 8/8/2025 10:36:03AM

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:	08/08/25 08:00	Work Order ID:	E508081
Phone:	(505) 382-1211	Date Logged In:	08/07/25 15:15	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/11/25 07:00 (1 day TAT)		

Chain of Custody (COC)

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

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

Carrier: Courier**Comments/Resolution****Sample Turn Around Time (TAT)**

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508082

Job Number: 01058-0007

Received: 8/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/11/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 8/11/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E508082
Date Received: 8/8/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/8/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 08/11/25 16:04
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01-7'	E508082-01A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
PH01-10'	E508082-02A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS09-0.5'	E508082-03A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS12-0.5'	E508082-04A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS13-0.5'	E508082-05A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS15-0.5'	E508082-06A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS17-0.5'	E508082-07A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS18-0.5'	E508082-08A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS20-0'	E508082-09A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS21-0.5'	E508082-10A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS22-0.5'	E508082-11A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS23-0.5'	E508082-12A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS24-0.5'	E508082-13A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS25-0.5'	E508082-14A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS26-0.5'	E508082-15A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

PH01-7'

E508082-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.6 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.3 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>		96.7 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	2770	20.0	1	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

PH01-10'

E508082-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532130
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
Surrogate: 4-Bromochlorobenzene-PID	85.4 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532130
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.9 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2532124
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
Surrogate: n-Nonane	104 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2532127
Chloride	392	20.0	1	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

FS09-0.5'

E508082-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.9 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	98.9 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	2500	40.0	2	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

FS12-0.5'

E508082-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.7 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	97.8 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	5160	100	5	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

FS13-0.5'

E508082-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.6 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	93.3 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	5310	200	10	08/08/25	08/08/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 8/11/2025 4:04:18PM
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FS15-0.5'

E508082-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.3 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	99.8 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	5390	200	10	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

FS17-0.5'

E508082-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.7 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	7110	200	10	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

FS18-0.5'

E508082-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.2 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	97.7 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	2900	200	10	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

FS20-0'

E508082-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.7 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	197	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	98.6	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	96.7 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	6870	200	10	08/08/25	08/09/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 8/11/2025 4:04:18PM
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FS21-0.5'

E508082-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.1 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	1460	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	1670	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	98.0 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	45900	2000	100	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

FS22-0.5'

E508082-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.8 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.3 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	30.6	25.0	1	08/08/25	08/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/11/25	
<i>Surrogate: n-Nonane</i>						
	87.6 %	61-141		08/08/25	08/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	17300	1000	50	08/08/25	08/09/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

FS23-0.5'

E508082-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.9 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	99.7 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	14800	1000	50	08/08/25	08/09/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

FS24-0.5'

E508082-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.0 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	1840	200	10	08/08/25	08/09/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 8/11/2025 4:04:18PM
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FS25-0.5'

E508082-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.5 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	1360	20.0	1	08/08/25	08/09/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:04:18PM

FS26-0.5'

E508082-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.4 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.3 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2532124	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	93.1 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532127	
Chloride	3520	40.0	2	08/08/25	08/09/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532130-BLK1)

Prepared: 08/08/25 Analyzed: 08/09/25

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	6.87		8.00		85.9	70-130			

LCS (2532130-BS1)

Prepared: 08/08/25 Analyzed: 08/09/25

Benzene	5.48	0.0250	5.00		110	70-130			
Ethylbenzene	5.58	0.0250	5.00		112	70-130			
Toluene	5.60	0.0250	5.00		112	70-130			
o-Xylene	5.57	0.0250	5.00		111	70-130			
p,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.9	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.6	70-130			

Matrix Spike (2532130-MS1)

Source: E508082-06

Prepared: 08/08/25 Analyzed: 08/09/25

Benzene	5.94	0.0250	5.00	ND	119	70-130			
Ethylbenzene	6.00	0.0250	5.00	ND	120	70-130			
Toluene	6.03	0.0250	5.00	ND	121	70-130			
o-Xylene	5.97	0.0250	5.00	ND	119	70-130			
p,m-Xylene	12.1	0.0500	10.0	ND	121	70-130			
Total Xylenes	18.1	0.0250	15.0	ND	121	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.1	70-130			

Matrix Spike Dup (2532130-MSD1)

Source: E508082-06

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

Benzene	6.24	0.0250	5.00	ND	125	70-130	4.84	27	
Ethylbenzene	6.11	0.0250	5.00	ND	122	70-130	1.79	26	
Toluene	6.20	0.0250	5.00	ND	124	70-130	2.73	20	
o-Xylene	6.01	0.0250	5.00	ND	120	70-130	0.719	25	
p,m-Xylene	12.3	0.0500	10.0	ND	123	70-130	1.81	23	
Total Xylenes	18.3	0.0250	15.0	ND	122	70-130	1.45	26	
Surrogate: 4-Bromochlorobenzene-PID	6.65		8.00		83.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532130-BLK1) Prepared: 08/08/25 Analyzed: 08/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

LCS (2532130-BS2) Prepared: 08/08/25 Analyzed: 08/09/25

Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			

Matrix Spike (2532130-MS2) Source: E508082-06 Prepared: 08/08/25 Analyzed: 08/11/25

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.8	70-130			

Matrix Spike Dup (2532130-MSD2) Source: E508082-06 Prepared: 08/08/25 Analyzed: 08/09/25

Gasoline Range Organics (C6-C10)	58.5	20.0	50.0	ND	117	70-130	9.21	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532124-BLK1)

Prepared: 08/08/25 Analyzed: 08/08/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	48.2		50.0		96.5	61-141			

LCS (2532124-BS1)

Prepared: 08/08/25 Analyzed: 08/08/25

Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: <i>n</i> -Nonane	49.4		50.0		98.9	61-141			

Matrix Spike (2532124-MS1)

Source: E508082-02

Prepared: 08/08/25 Analyzed: 08/08/25

Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156			
Surrogate: <i>n</i> -Nonane	51.5		50.0		103	61-141			

Matrix Spike Dup (2532124-MSD1)

Source: E508082-02

Prepared: 08/08/25 Analyzed: 08/08/25

Diesel Range Organics (C10-C28)	261	25.0	250	ND	104	56-156	4.22	20	
Surrogate: <i>n</i> -Nonane	50.0		50.0		99.9	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:04:18PM

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 (2532127-BLK1)					Prepared: 08/08/25 Analyzed: 08/08/25				
Chloride	ND	20.0							
LCS (2532127-BS1)					Prepared: 08/08/25 Analyzed: 08/08/25				
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2532127-MS1)					Source: E508082-10		Prepared: 08/08/25 Analyzed: 08/08/25		
Chloride	39100	2000	250	45900	NR	80-120			M4
Matrix Spike Dup (2532127-MSD1)					Source: E508082-10		Prepared: 08/08/25 Analyzed: 08/08/25		
Chloride	45500	2000	250	45900	NR	80-120	15.2	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/11/25 16:04

- 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.



Client Information				Invoice Information		Lab Use Only		TAT		State										
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX					
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr		E568082	01058-0007		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@devn.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	BTX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
																	Compliance	Y	or	N
																	PWSID #			
																	Sample Temp			Remarks
1149	8/6/2025	Soil	1	PH01-7'		1								+			4.7			
1218				PH01-10'		2								+			4.2			
0753				FS09-0.5'		3								+			3.9			
0757				FS12-0.5'		4								+			4.2			
1036				13-0.5'		5								+			4.0			
1037				15-0.5'		6								+			4.6			
1040				17-0.5'		7								+			4.3			
1034				18-0.5'		8								+			4.6			
1118				20-0'		9								+			4.8			
0751				21-0.5'		10								+			4.5			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@devn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@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 and Eric Plugg																				
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N								
Jenna Hinkle		8/7/2025		7:00		Michelle Gonzales		8-7-25		6700										
Michelle Gonzales		8-7-25		1245		Marissa Gonzales		8-7-25		1245										
Marissa Gonzales		8-7-25		1100		Andrew Musso		8.7.25		1600										
Andrew Musso		8.7.25		2000		Caitlynn		8-8-25		800										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Devon				Company: Devon Energy		Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX	
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr		E508082		1108-007			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@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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
0755	8/6/2025	Soil	1	FS22-0.5'		11								+				
0759				23-0.5'		12								+				
0800				24-0.5'		13								+				
0754				25-0.5'		14								+				
0756				26-0.5'		15								+				
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@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 and Eric Plugg																		
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.										
Jenna Hinkle		8/7/2025	7:00	Michelle Gonzales		8-7-25	0700											
Michelle Gonzales		8-7-25	1245	Marissa Gonzales		8-7-25	1245											
Marissa Gonzales		8-7-25	1600	Andrewe Musso		8.7.25	1600											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Lab Use Only Received on ice: (Y) N										
Andrewe Musso		8.7.25	2000	Caitlynn Maw		8.8.25	800											
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: 8/8/2025 10:39:17AM

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:	08/08/25 08:00	Work Order ID:	E508082
Phone:	(505) 382-1211	Date Logged In:	08/07/25 15:20	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/11/25 07:00 (1 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



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508084

Job Number: 01058-0007

Received: 8/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/11/25

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: 8/11/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E508084
Date Received: 8/8/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/8/2025 8:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/11/25 16:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS28-0.5'	E508084-01A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS29-0'	E508084-02A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS30-0.5'	E508084-03A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS31-0.5'	E508084-04A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS32-0.5'	E508084-05A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS33-0.5'	E508084-06A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS34-0.5'	E508084-07A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS35-0.5'	E508084-08A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS36-0.5'	E508084-09A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS37-0'	E508084-10A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS38-0.5'	E508084-11A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS41-0.5'	E508084-12A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS42-0.5'	E508084-13A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS45-0.5'	E508084-14A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.
FS49-0.5'	E508084-15A	Soil	08/06/25	08/08/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 8/11/2025 4:06:34PM
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FS28-0.5'

E508084-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.7 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.1 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/08/25	
<i>Surrogate: n-Nonane</i>	98.6 %	61-141		08/08/25	08/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	2970	40.0	2	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS29-0'

E508084-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.3 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	122	25.0	1	08/08/25	08/08/25	
Oil Range Organics (C28-C36)	81.7	50.0	1	08/08/25	08/08/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		08/08/25	08/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	4370	40.0	2	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS30-0.5'

E508084-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/08/25	
<i>Surrogate: n-Nonane</i>						
	97.0 %	61-141		08/08/25	08/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	8630	200	10	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS31-0.5'

E508084-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.6 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/08/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	08/08/25	08/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	433	20.0	1	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS32-0.5'

E508084-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	103 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/08/25	
<i>Surrogate: n-Nonane</i>						
	99.3 %	61-141		08/08/25	08/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	1950	40.0	2	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS33-0.5'

E508084-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.7 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/08/25	
<i>Surrogate: n-Nonane</i>						
		99.9 %	61-141	08/08/25	08/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	2730	40.0	2	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS34-0.5'

E508084-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.0 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/08/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	08/08/25	08/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	3410	40.0	2	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS35-0.5'

E508084-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.4 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	100 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>	95.7 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	3560	40.0	2	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS36-0.5'

E508084-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.5 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.2 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	252	40.0	2	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS37-0'

E508084-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	0.0279	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.0 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	97.1 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	359000	2000	100	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS38-0.5'

E508084-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.0 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
		103 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	1080	100	5	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS41-0.5'

E508084-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	4180	100	5	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS42-0.5'

E508084-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.0 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
		99.1 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	2090	40.0	2	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS45-0.5'

E508084-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		98.7 %	70-130	08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
		96.8 %	61-141	08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	386	20.0	1	08/08/25	08/08/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/11/2025 4:06:34PM

FS49-0.5'

E508084-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Benzene	ND	0.0250	1	08/08/25	08/09/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/09/25	
Toluene	ND	0.0250	1	08/08/25	08/09/25	
o-Xylene	ND	0.0250	1	08/08/25	08/09/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/09/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/09/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532131	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/09/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.8 %	70-130		08/08/25	08/09/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2532135	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/08/25	08/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/08/25	08/09/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		08/08/25	08/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2532128	
Chloride	625	20.0	1	08/08/25	08/09/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:06:34PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532131-BLK1)

Prepared: 08/08/25 Analyzed: 08/09/25

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	7.80		8.00		97.5	70-130			

LCS (2532131-BS1)

Prepared: 08/08/25 Analyzed: 08/09/25

Benzene	5.58	0.0250	5.00		112	70-130			
Ethylbenzene	5.60	0.0250	5.00		112	70-130			
Toluene	5.62	0.0250	5.00		112	70-130			
o-Xylene	5.61	0.0250	5.00		112	70-130			
p,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.9	0.0250	15.0		113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.93		8.00		99.2	70-130			

Matrix Spike (2532131-MS1)

Source: E508084-10

Prepared: 08/08/25 Analyzed: 08/09/25

Benzene	5.76	0.0250	5.00	ND	115	70-130			
Ethylbenzene	5.74	0.0250	5.00	ND	115	70-130			
Toluene	5.78	0.0250	5.00	0.0279	115	70-130			
o-Xylene	5.75	0.0250	5.00	ND	115	70-130			
p,m-Xylene	11.6	0.0500	10.0	ND	116	70-130			
Total Xylenes	17.4	0.0250	15.0	ND	116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			

Matrix Spike Dup (2532131-MSD1)

Source: E508084-10

Prepared: 08/08/25 Analyzed: 08/09/25

Benzene	5.81	0.0250	5.00	ND	116	70-130	0.926	27	
Ethylbenzene	5.79	0.0250	5.00	ND	116	70-130	0.793	26	
Toluene	5.84	0.0250	5.00	0.0279	116	70-130	0.910	20	
o-Xylene	5.81	0.0250	5.00	ND	116	70-130	1.02	25	
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130	0.741	23	
Total Xylenes	17.5	0.0250	15.0	ND	117	70-130	0.833	26	
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:06:34PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532131-BLK1) Prepared: 08/08/25 Analyzed: 08/09/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130			

LCS (2532131-BS2) Prepared: 08/08/25 Analyzed: 08/09/25

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.86		8.00		98.3	70-130			

Matrix Spike (2532131-MS2) Source: E508084-10 Prepared: 08/08/25 Analyzed: 08/09/25

Gasoline Range Organics (C6-C10)	51.3	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.4	70-130			

Matrix Spike Dup (2532131-MSD2) Source: E508084-10 Prepared: 08/08/25 Analyzed: 08/09/25

Gasoline Range Organics (C6-C10)	54.8	20.0	50.0	ND	110	70-130	6.60	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		100	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:06:34PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532135-BLK1)					Prepared: 08/08/25 Analyzed: 08/08/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.8	61-141			

LCS (2532135-BS1)					Prepared: 08/08/25 Analyzed: 08/08/25				
Diesel Range Organics (C10-C28)	286	25.0	250		114	66-144			
Surrogate: n-Nonane	49.9		50.0		99.7	61-141			

Matrix Spike (2532135-MS1)					Source: E508057-04		Prepared: 08/08/25 Analyzed: 08/08/25		
Diesel Range Organics (C10-C28)	1330	25.0	250	465	346	56-156			M2
Surrogate: n-Nonane	50.1		50.0		100	61-141			

Matrix Spike Dup (2532135-MSD1)					Source: E508057-04		Prepared: 08/08/25 Analyzed: 08/08/25		
Diesel Range Organics (C10-C28)	890	25.0	250	465	170	56-156	39.5	20	M2, R3
Surrogate: n-Nonane	48.2		50.0		96.3	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/11/2025 4:06:34PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532128-BLK1)					Prepared: 08/08/25 Analyzed: 08/08/25				
Chloride	ND	20.0							
LCS (2532128-BS1)					Prepared: 08/08/25 Analyzed: 08/08/25				
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2532128-MS1)					Source: E508084-04		Prepared: 08/08/25 Analyzed: 08/08/25		
Chloride	636	20.0	250	433	81.3	80-120			
Matrix Spike Dup (2532128-MSD1)					Source: E508084-04		Prepared: 08/08/25 Analyzed: 08/08/25		
Chloride	635	20.0	250	433	80.9	80-120	0.175	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/11/25 16:06

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
- 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#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr		E508084	01050007					X							
Project Manager: Ashley Gioengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@devn.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agioengo@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	
0754	8/6/2025	Soil	1	FS 28-0.5'		1													
0754				24-0'		2													
0804				30-0.5'		3													
0800				31-0.5'		4													
0855				32-0.5'		5													
0804				33-0.5'		6													
0806				34-0.5'		7													
0811				35-0.5'		8													
0813				36-0.5'		9													
0058				37-0'		10													
Additional Instructions: Please CC: cburton@ensolum.com, agioengo@ensolum.com, jim.raley@devn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@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 and Eric Pluggie																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N							
Jenna Hinkle		8/8/2025		7:00		Michelle Gonzales		8-7-25		6700									
Michelle Gonzales		8-7-25		1245		Marissa Gonzales		8-7-25		1245									
Marissa Gonzales		8-7-25		1600		Andrew Musso		8-7-25		1600									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Andrew Musso		8.7.25		2000		Caitlin Mann		8.8.25		800									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr		E 508084	010580007		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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
0810	8/6/2025	Soil	1	FS38-0.5'		11								X					
0811				41-0.5'		12								X					
0812				42-0.5'		13								X					
0815				45-0.5'		14								X					
0814				49-0.5'		15								X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@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 and Eric Plugg																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N											
Jenna Hinkle		8/7/2025	7:00	Michelle Gonzales		8-7-25	0700												
Michelle Gonzales		8-7-25	1245	Marissa Gonzales		8-7-25	1245												
Marissa Gonzales		8-7-25	1600	Andrew Musso		8-7-25	1600												
Andrew Musso		8-7-25	2000	Caitlynn		8-8-25	800												
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: 8/8/2025 10:42:18AM

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:	08/08/25 08:00	Work Order ID:	E508084
Phone:	(505) 382-1211	Date Logged In:	08/07/25 15:29	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/11/25 07:00 (1 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: Marwari 28 CTB 2

Work Order: E508100

Job Number: 01058-0007

Received: 8/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/12/25

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: 8/12/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E508100
Date Received: 8/8/2025 12:30:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/8/2025 12:30:00PM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/12/25 14:24

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH03-8'	E508100-01A	Soil	08/07/25	08/08/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/12/2025 2:24:28PM

PH03-8'

E508100-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532139
Benzene	ND	0.0250	1	08/08/25	08/11/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/11/25	
Toluene	ND	0.0250	1	08/08/25	08/11/25	
o-Xylene	ND	0.0250	1	08/08/25	08/11/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/11/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/11/25	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	08/08/25	08/11/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	08/08/25	08/11/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532139
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/11/25	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	08/08/25	08/11/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		99.1 %	70-130	08/08/25	08/11/25	
<i>Surrogate: Toluene-d8</i>		103 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2533001
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/25	08/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/25	08/11/25	
<i>Surrogate: n-Nonane</i>		100 %	61-141	08/11/25	08/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2533005
Chloride	83.2	20.0	1	08/11/25	08/11/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/12/2025 2:24:28PM

Volatile Organic Compounds by EPA 8260B

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 (2532139-BLK1) Prepared: 08/08/25 Analyzed: 08/11/25

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: Bromofluorobenzene	0.556		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2532139-BS1) Prepared: 08/08/25 Analyzed: 08/11/25

Benzene	2.00	0.0250	2.50		79.9	70-130			
Ethylbenzene	2.15	0.0250	2.50		85.8	70-130			
Toluene	2.07	0.0250	2.50		82.8	70-130			
o-Xylene	2.10	0.0250	2.50		84.2	70-130			
p,m-Xylene	4.31	0.0500	5.00		86.2	70-130			
Total Xylenes	6.41	0.0250	7.50		85.5	70-130			
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

Matrix Spike (2532139-MS1) Source: E508101-05 Prepared: 08/08/25 Analyzed: 08/11/25

Benzene	1.96	0.0250	2.50	ND	78.3	48-131			
Ethylbenzene	2.08	0.0250	2.50	ND	83.4	45-135			
Toluene	2.00	0.0250	2.50	ND	80.0	48-130			
o-Xylene	2.11	0.0250	2.50	ND	84.4	43-135			
p,m-Xylene	4.28	0.0500	5.00	ND	85.7	43-135			
Total Xylenes	6.39	0.0250	7.50	ND	85.2	43-135			
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

Matrix Spike Dup (2532139-MSD1) Source: E508101-05 Prepared: 08/08/25 Analyzed: 08/11/25

Benzene	2.06	0.0250	2.50	ND	82.4	48-131	5.03	23	
Ethylbenzene	2.20	0.0250	2.50	ND	87.8	45-135	5.21	27	
Toluene	2.08	0.0250	2.50	ND	83.1	48-130	3.78	24	
o-Xylene	2.21	0.0250	2.50	ND	88.3	43-135	4.59	27	
p,m-Xylene	4.48	0.0500	5.00	ND	89.6	43-135	4.43	27	
Total Xylenes	6.69	0.0250	7.50	ND	89.2	43-135	4.48	27	
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/12/2025 2:24:28PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532139-BLK1)

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

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.556		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2532139-BS2)

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

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130			
Surrogate: Bromofluorobenzene	0.546		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			

Matrix Spike (2532139-MS2)

Source: E508101-05

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

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			

Matrix Spike Dup (2532139-MSD2)

Source: E508101-05

Prepared: 08/08/25 Analyzed: 08/12/25

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130	8.19	20	
Surrogate: Bromofluorobenzene	0.567		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/12/2025 2:24:28PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533001-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.9		50.0		97.7	61-141			

LCS (2533001-BS1)

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

Diesel Range Organics (C10-C28)	250	25.0	250		100	66-144			
Surrogate: n-Nonane	46.9		50.0		93.8	61-141			

Matrix Spike (2533001-MS1)

Source: E508072-01

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

Diesel Range Organics (C10-C28)	269	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	49.8		50.0		99.7	61-141			

Matrix Spike Dup (2533001-MSD1)

Source: E508072-01

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

Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156	5.07	20	
Surrogate: n-Nonane	53.2		50.0		106	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/12/2025 2:24:28PM

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 (2533005-BLK1)					Prepared: 08/11/25 Analyzed: 08/11/25				
Chloride	ND	20.0							
LCS (2533005-BS1)					Prepared: 08/11/25 Analyzed: 08/11/25				
Chloride	249	20.0	250		99.8	90-110			
Matrix Spike (2533005-MS1)					Source: E508101-01		Prepared: 08/11/25 Analyzed: 08/11/25		
Chloride	3680	40.0	250	3180	199	80-120			M4
Matrix Spike Dup (2533005-MSD1)					Source: E508101-01		Prepared: 08/11/25 Analyzed: 08/11/25		
Chloride	3790	40.0	250	3180	242	80-120	2.87	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/12/25 14:24

- 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.



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr		E508100	01058-0057		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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1144	8-7-25	Soil	1	PH03-8		1													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@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 and Eric Plugg																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N											
Jenna Hinkle		8/8/2025	7:00	Michelle Gonzales		8-8-25	0700												
Michelle Gonzales		8-8-25	0715	Marissa Gonzales		8-8-25	0715												
Marissa Gonzales		8-8-25	0840	Andreus Musso		8-8-25	0840												
Andreus Musso		8-8-25	1230	Cathy Mann		8-8-25	12:25	CM											
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: 8/8/2025 1:46:04PM

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:	08/08/25 12:30	Work Order ID:	E508100
Phone:	(505) 382-1211	Date Logged In:	08/08/25 10:10	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/12/25 07:00 (2 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: Marwari 28 CTB 2

Work Order: E508101

Job Number: 01058-0007

Received: 8/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/12/25

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: 8/12/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E508101
Date Received: 8/8/2025 12:30:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/8/2025 12:30:00PM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 08/12/25 14:28
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH02-3'	E508101-01A	Soil	08/07/25	08/08/25	Glass Jar, 2 oz.
PH02-4'	E508101-02A	Soil	08/07/25	08/08/25	Glass Jar, 2 oz.
PH02-7'	E508101-03A	Soil	08/07/25	08/08/25	Glass Jar, 2 oz.
PH02-9'	E508101-04A	Soil	08/07/25	08/08/25	Glass Jar, 2 oz.
PH02-11'	E508101-05A	Soil	08/07/25	08/08/25	Glass Jar, 2 oz.
PH03-5'	E508101-06A	Soil	08/07/25	08/08/25	Glass Jar, 2 oz.
PH03-7'	E508101-07A	Soil	08/07/25	08/08/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 8/12/2025 2:28:09PM
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PH02-3'

E508101-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532139
Benzene	ND	0.0250	1	08/08/25	08/11/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/11/25	
Toluene	ND	0.0250	1	08/08/25	08/11/25	
o-Xylene	ND	0.0250	1	08/08/25	08/11/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/11/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/11/25	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	08/08/25	08/11/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.5 %	70-130	08/08/25	08/11/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532139
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/11/25	
<i>Surrogate: Bromofluorobenzene</i>		109 %	70-130	08/08/25	08/11/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.5 %	70-130	08/08/25	08/11/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2533001
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/25	08/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/25	08/11/25	
<i>Surrogate: n-Nonane</i>		96.5 %	61-141	08/11/25	08/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2533005
Chloride	3180	40.0	2	08/11/25	08/11/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/12/2025 2:28:09PM

PH02-4'

E508101-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532139	
Benzene	ND	0.0250	1	08/08/25	08/11/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/11/25	
Toluene	ND	0.0250	1	08/08/25	08/11/25	
o-Xylene	ND	0.0250	1	08/08/25	08/11/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/11/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		108 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		104 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		108 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		104 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2533001	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/25	08/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/25	08/11/25	
Surrogate: n-Nonane		96.5 %	61-141	08/11/25	08/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2533005	
Chloride	3350	40.0	2	08/11/25	08/11/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/12/2025 2:28:09PM

PH02-7'

E508101-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532139
Benzene	ND	0.0250	1	08/08/25	08/11/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/11/25	
Toluene	ND	0.0250	1	08/08/25	08/11/25	
o-Xylene	ND	0.0250	1	08/08/25	08/11/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/11/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		111 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		103 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532139
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		111 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		103 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2533001
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/25	08/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/25	08/11/25	
Surrogate: n-Nonane		102 %	61-141	08/11/25	08/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2533005
Chloride	14300	200	10	08/11/25	08/11/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/12/2025 2:28:09PM

PH02-9'

E508101-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532139	
Benzene	ND	0.0250	1	08/08/25	08/11/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/11/25	
Toluene	ND	0.0250	1	08/08/25	08/11/25	
o-Xylene	ND	0.0250	1	08/08/25	08/11/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/11/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		111 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		103 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		111 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		103 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2533001	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/25	08/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/25	08/11/25	
Surrogate: n-Nonane		101 %	61-141	08/11/25	08/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2533005	
Chloride	5900	100	5	08/11/25	08/11/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/12/2025 2:28:09PM

PH02-11'

E508101-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532139
Benzene	ND	0.0250	1	08/08/25	08/11/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/11/25	
Toluene	ND	0.0250	1	08/08/25	08/11/25	
o-Xylene	ND	0.0250	1	08/08/25	08/11/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/11/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		108 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		103 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2532139
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		108 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		103 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2533001
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/25	08/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/25	08/11/25	
Surrogate: n-Nonane		102 %	61-141	08/11/25	08/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2533005
Chloride	4950	200	10	08/11/25	08/11/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/12/2025 2:28:09PM

PH03-5'

E508101-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532139	
Benzene	ND	0.0250	1	08/08/25	08/11/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/11/25	
Toluene	ND	0.0250	1	08/08/25	08/11/25	
o-Xylene	ND	0.0250	1	08/08/25	08/11/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/11/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		109 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		103 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		109 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		103 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2533001	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/25	08/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/25	08/11/25	
Surrogate: n-Nonane		103 %	61-141	08/11/25	08/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2533005	
Chloride	9190	200	10	08/11/25	08/11/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/12/2025 2:28:09PM

PH03-7'

E508101-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532139	
Benzene	ND	0.0250	1	08/08/25	08/11/25	
Ethylbenzene	ND	0.0250	1	08/08/25	08/11/25	
Toluene	ND	0.0250	1	08/08/25	08/11/25	
o-Xylene	ND	0.0250	1	08/08/25	08/11/25	
p,m-Xylene	ND	0.0500	1	08/08/25	08/11/25	
Total Xylenes	ND	0.0250	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		110 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		104 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2532139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/08/25	08/11/25	
Surrogate: Bromofluorobenzene		110 %	70-130	08/08/25	08/11/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	08/08/25	08/11/25	
Surrogate: Toluene-d8		104 %	70-130	08/08/25	08/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2533001	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/11/25	08/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/11/25	08/11/25	
Surrogate: n-Nonane		101 %	61-141	08/11/25	08/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2533005	
Chloride	168	20.0	1	08/11/25	08/11/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/12/2025 2:28:09PM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532139-BLK1)

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

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: Bromofluorobenzene	0.556		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2532139-BS1)

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

Benzene	2.00	0.0250	2.50		79.9	70-130			
Ethylbenzene	2.15	0.0250	2.50		85.8	70-130			
Toluene	2.07	0.0250	2.50		82.8	70-130			
o-Xylene	2.10	0.0250	2.50		84.2	70-130			
p,m-Xylene	4.31	0.0500	5.00		86.2	70-130			
Total Xylenes	6.41	0.0250	7.50		85.5	70-130			
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

Matrix Spike (2532139-MS1)

Source: E508101-05

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

Benzene	1.96	0.0250	2.50	ND	78.3	48-131			
Ethylbenzene	2.08	0.0250	2.50	ND	83.4	45-135			
Toluene	2.00	0.0250	2.50	ND	80.0	48-130			
o-Xylene	2.11	0.0250	2.50	ND	84.4	43-135			
p,m-Xylene	4.28	0.0500	5.00	ND	85.7	43-135			
Total Xylenes	6.39	0.0250	7.50	ND	85.2	43-135			
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

Matrix Spike Dup (2532139-MSD1)

Source: E508101-05

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

Benzene	2.06	0.0250	2.50	ND	82.4	48-131	5.03	23	
Ethylbenzene	2.20	0.0250	2.50	ND	87.8	45-135	5.21	27	
Toluene	2.08	0.0250	2.50	ND	83.1	48-130	3.78	24	
o-Xylene	2.21	0.0250	2.50	ND	88.3	43-135	4.59	27	
p,m-Xylene	4.48	0.0500	5.00	ND	89.6	43-135	4.43	27	
Total Xylenes	6.69	0.0250	7.50	ND	89.2	43-135	4.48	27	
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/12/2025 2:28:09PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532139-BLK1)

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

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.556		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			

LCS (2532139-BS2)

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

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130			
Surrogate: Bromofluorobenzene	0.546		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		100	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			

Matrix Spike (2532139-MS2)

Source: E508101-05

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

Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.0	70-130			
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			

Matrix Spike Dup (2532139-MSD2)

Source: E508101-05

Prepared: 08/08/25 Analyzed: 08/12/25

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130	8.19	20	
Surrogate: Bromofluorobenzene	0.567		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/12/2025 2:28:09PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533001-BLK1)					Prepared: 08/11/25 Analyzed: 08/11/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.9		50.0		97.7	61-141			

LCS (2533001-BS1)					Prepared: 08/11/25 Analyzed: 08/11/25				
Diesel Range Organics (C10-C28)	250	25.0	250		100	66-144			
Surrogate: n-Nonane	46.9		50.0		93.8	61-141			

Matrix Spike (2533001-MS1)					Source: E508072-01		Prepared: 08/11/25 Analyzed: 08/11/25		
Diesel Range Organics (C10-C28)	269	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	49.8		50.0		99.7	61-141			

Matrix Spike Dup (2533001-MSD1)					Source: E508072-01		Prepared: 08/11/25 Analyzed: 08/11/25		
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	56-156	5.07	20	
Surrogate: n-Nonane	53.2		50.0		106	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/12/2025 2:28:09PM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533005-BLK1)					Prepared: 08/11/25 Analyzed: 08/11/25				
Chloride	ND	20.0							
LCS (2533005-BS1)					Prepared: 08/11/25 Analyzed: 08/11/25				
Chloride	249	20.0	250		99.8	90-110			
Matrix Spike (2533005-MS1)					Source: E508101-01		Prepared: 08/11/25 Analyzed: 08/11/25		
Chloride	3680	40.0	250	3180	199	80-120			M4
Matrix Spike Dup (2533005-MSD1)					Source: E508101-01		Prepared: 08/11/25 Analyzed: 08/11/25		
Chloride	3790	40.0	250	3180	242	80-120	2.87	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/12/25 14:28

- 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.



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr		E508101	01052-0007					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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
0922	8-7-25	Soil	1	PH02-3'		1								X					
0924				PH02-4'		2								X					
1000				PH02-7'		3								X					
1007				PH02-9'		4								X					
1030				PH02-11'		5								X					
1122				PH03-5'		6								X					
1140				PH03-7'		7								X					
				PH03-7'															
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@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 and Eric Plunge																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N							
Jenna Hinkle		8/8/2025		7:00		Michelle Gonzales		8-8-25		0700									
Michelle Gonzales		8-8-25		0715		Marissa Gonzales		8-8-25		0715									
Marissa Gonzales		8-8-25		0840		Andrewe Musso		8-8-25		0840									
Andrewe Musso		8-8-25		1230		Caitlin Mann		8-8-25		12:25		30CM							
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: 8/8/2025 1:50:18PM

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:	08/08/25 12:30	Work Order ID:	E508101
Phone:	(505) 382-1211	Date Logged In:	08/08/25 10:15	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	08/12/25 07:00 (2 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: Marwari 28 CTB 2

Work Order: E508174

Job Number: 01058-0007

Received: 8/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/18/25

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: 8/18/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E508174
Date Received: 8/15/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/15/2025 7:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 08/18/25 16:54
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS06-.75'	E508174-01A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS21-.75'	E508174-02A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS37-.75'	E508174-03A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS52-1'	E508174-04A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS55-2'-4'	E508174-05A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS65-1'-4'	E508174-06A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS80-4'	E508174-07A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
FS82-4'	E508174-08A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
SW13-0'-2'	E508174-09A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 8/18/2025 4:54:44PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

FS06-.75'

E508174-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.8 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.5 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2533120	
Diesel Range Organics (C10-C28)	584	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	227	50.0	1	08/15/25	08/15/25	
<i>Surrogate: n-Nonane</i>		95.7 %	61-141	08/15/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2533124	
Chloride	1770	20.0	1	08/15/25	08/16/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 4:54:44PM

FS21-.75'

E508174-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.1 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533120	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	93.1 %	61-141		08/15/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2533124	
Chloride	4100	40.0	2	08/15/25	08/16/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 4:54:44PM

FS37-.75'

E508174-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.8 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533120	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	94.9 %	61-141		08/15/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2533124	
Chloride	7080	200	10	08/15/25	08/15/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 4:54:44PM

FS52-1'

E508174-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2533122
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.4 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2533122
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.4 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2533120
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/15/25	
<i>Surrogate: n-Nonane</i>		96.4 %	61-141	08/15/25	08/15/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: TP		Batch: 2533124
Chloride	ND	20.0	1	08/15/25	08/16/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 4:54:44PM

FS55-2'-4'

E508174-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.2 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533120	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/16/25	
<i>Surrogate: n-Nonane</i>						
	93.6 %	61-141		08/15/25	08/16/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2533124	
Chloride	316	20.0	1	08/15/25	08/16/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 4:54:44PM

FS65-1'-4'

E508174-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.8 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533120	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/16/25	
<i>Surrogate: n-Nonane</i>						
	93.2 %	61-141		08/15/25	08/16/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2533124	
Chloride	777	20.0	1	08/15/25	08/16/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 4:54:44PM

FS80-4'

E508174-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.8 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533120	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/16/25	
<i>Surrogate: n-Nonane</i>						
	96.8 %	61-141		08/15/25	08/16/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2533124	
Chloride	29.2	20.0	1	08/15/25	08/16/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 4:54:44PM

FS82-4'

E508174-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.5 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.0 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533120	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/16/25	
<i>Surrogate: n-Nonane</i>						
	93.7 %	61-141		08/15/25	08/16/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2533124	
Chloride	ND	20.0	1	08/15/25	08/16/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 4:54:44PM

SW13-0'-2'

E508174-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.7 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533120	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/16/25	
<i>Surrogate: n-Nonane</i>						
	94.6 %	61-141		08/15/25	08/16/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2533124	
Chloride	3320	40.0	2	08/15/25	08/16/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533122-BLK1)

Prepared: 08/15/25 Analyzed: 08/15/25

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	6.86		8.00		85.8	70-130			

LCS (2533122-BS1)

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	4.78	0.0250	5.00		95.7	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.5	70-130			
Toluene	4.74	0.0250	5.00		94.8	70-130			
o-Xylene	4.70	0.0250	5.00		94.0	70-130			
p,m-Xylene	9.39	0.0500	10.0		93.9	70-130			
Total Xylenes	14.1	0.0250	15.0		93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.4	70-130			

Matrix Spike (2533122-MS1)

Source: E508174-08

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	4.70	0.0250	5.00	ND	94.0	70-130			
Ethylbenzene	4.54	0.0250	5.00	ND	90.8	70-130			
Toluene	4.66	0.0250	5.00	ND	93.2	70-130			
o-Xylene	4.59	0.0250	5.00	ND	91.8	70-130			
p,m-Xylene	9.24	0.0500	10.0	ND	92.4	70-130			
Total Xylenes	13.8	0.0250	15.0	ND	92.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.4	70-130			

Matrix Spike Dup (2533122-MSD1)

Source: E508174-08

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	4.62	0.0250	5.00	ND	92.4	70-130	1.73	27	
Ethylbenzene	4.47	0.0250	5.00	ND	89.3	70-130	1.64	26	
Toluene	4.58	0.0250	5.00	ND	91.5	70-130	1.81	20	
o-Xylene	4.50	0.0250	5.00	ND	90.0	70-130	1.99	25	
p,m-Xylene	9.07	0.0500	10.0	ND	90.7	70-130	1.81	23	
Total Xylenes	13.6	0.0250	15.0	ND	90.5	70-130	1.87	26	
Surrogate: 4-Bromochlorobenzene-PID	6.77		8.00		84.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533122-BLK1) Prepared: 08/15/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

LCS (2533122-BS2) Prepared: 08/15/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			

Matrix Spike (2533122-MS2) Source: E508174-08 Prepared: 08/15/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			

Matrix Spike Dup (2533122-MSD2) Source: E508174-08 Prepared: 08/15/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	40.0	20.0	50.0	ND	80.0	70-130	12.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533120-BLK1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.4		50.0		94.8	61-141			

LCS (2533120-BS1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Diesel Range Organics (C10-C28)	274	25.0	250		110	66-144			
Surrogate: n-Nonane	52.5		50.0		105	61-141			

Matrix Spike (2533120-MS1)					Source: E508174-03		Prepared: 08/15/25 Analyzed: 08/15/25		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	50.1		50.0		100	61-141			

Matrix Spike Dup (2533120-MSD1)					Source: E508174-03		Prepared: 08/15/25 Analyzed: 08/15/25		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	5.15	20	
Surrogate: n-Nonane	49.5		50.0		98.9	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 4:54:44PM

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2533124-BLK1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Chloride	ND	20.0							
LCS (2533124-BS1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2533124-MS1)					Source: E508174-03		Prepared: 08/15/25 Analyzed: 08/15/25		
Chloride	8020	200	250	7080	379	80-120			M4
Matrix Spike Dup (2533124-MSD1)					Source: E508174-03		Prepared: 08/15/25 Analyzed: 08/15/25		
Chloride	8740	200	250	7080	667	80-120	8.60	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/18/25 16:54

- 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.



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr				EE08174		01058-0007			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@dv.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	TEQ 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1425	8/13/25	S	1	FS06-.75'		1													
1321				FS21-.75'		2													
1524				FS37-.75'		3													
0759				FS52-1'		4													
0856				FS55-2'-4'		5													
1145				FS65-1'-4'		6													
0747				FS80-4'		7													
0744				FS82-4'		8													
0756				SW13-0'-2'		9													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@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 Eric Pluge																			
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: O/N							
CJP				8/14/25	7:00	Michelle Gonzales				8-14-25	0700								
Michelle Gonzales				8-14-25	1445	Marissa Gonzales				8-14-25	1445								
Marissa Gonzales				8-14-25	1840	Andrew Musso				8-14-25	1840								
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time								
Andrew Musso				8-14-25	2330	Caitlin Mar				8-15-25	730								
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: 8/15/2025 10:24:59AM

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:	08/15/25 07:30	Work Order ID:	E508174
Phone:	(505) 382-1211	Date Logged In:	08/14/25 16:46	Logged In By:	Noe Soto
Email:	agiovento@ensolum.com	Due Date:	08/18/25 07:00 (1 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: Marwari 28 CTB 2

Work Order: E508175

Job Number: 01058-0007

Received: 8/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/18/25

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: 8/18/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E508175
Date Received: 8/15/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/15/2025 7:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 08/18/25 12:56
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH02-13'	E508175-01A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
PH02-15'	E508175-02A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
PH02-17'	E508175-03A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.
PH02-19'	E508175-04A	Soil	08/13/25	08/15/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 12:56:57PM

PH02-13'

E508175-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.0 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2533119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/15/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	08/15/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2533123	
Chloride	704	20.0	1	08/15/25	08/15/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 12:56:57PM

PH02-15'

E508175-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.5 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.9 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	99.4 %	61-141		08/15/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533123	
Chloride	881	20.0	1	08/15/25	08/15/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 12:56:57PM

PH02-17'

E508175-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.6 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		08/15/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533123	
Chloride	970	20.0	1	08/15/25	08/15/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/18/2025 12:56:57PM

PH02-19'

E508175-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Benzene	ND	0.0250	1	08/15/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/15/25	08/15/25	
Toluene	ND	0.0250	1	08/15/25	08/15/25	
o-Xylene	ND	0.0250	1	08/15/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/15/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/15/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.5 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533122	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		08/15/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533119	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		08/15/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533123	
Chloride	826	20.0	1	08/15/25	08/15/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 12:56:57PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533122-BLK1)

Prepared: 08/15/25 Analyzed: 08/15/25

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	6.86		8.00		85.8	70-130			

LCS (2533122-BS1)

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	4.78	0.0250	5.00		95.7	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.5	70-130			
Toluene	4.74	0.0250	5.00		94.8	70-130			
o-Xylene	4.70	0.0250	5.00		94.0	70-130			
p,m-Xylene	9.39	0.0500	10.0		93.9	70-130			
Total Xylenes	14.1	0.0250	15.0		93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.4	70-130			

Matrix Spike (2533122-MS1)

Source: E508174-08

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	4.70	0.0250	5.00	ND	94.0	70-130			
Ethylbenzene	4.54	0.0250	5.00	ND	90.8	70-130			
Toluene	4.66	0.0250	5.00	ND	93.2	70-130			
o-Xylene	4.59	0.0250	5.00	ND	91.8	70-130			
p,m-Xylene	9.24	0.0500	10.0	ND	92.4	70-130			
Total Xylenes	13.8	0.0250	15.0	ND	92.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.4	70-130			

Matrix Spike Dup (2533122-MSD1)

Source: E508174-08

Prepared: 08/15/25 Analyzed: 08/15/25

Benzene	4.62	0.0250	5.00	ND	92.4	70-130	1.73	27	
Ethylbenzene	4.47	0.0250	5.00	ND	89.3	70-130	1.64	26	
Toluene	4.58	0.0250	5.00	ND	91.5	70-130	1.81	20	
o-Xylene	4.50	0.0250	5.00	ND	90.0	70-130	1.99	25	
p,m-Xylene	9.07	0.0500	10.0	ND	90.7	70-130	1.81	23	
Total Xylenes	13.6	0.0250	15.0	ND	90.5	70-130	1.87	26	
Surrogate: 4-Bromochlorobenzene-PID	6.77		8.00		84.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 12:56:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533122-BLK1) Prepared: 08/15/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

LCS (2533122-BS2) Prepared: 08/15/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			

Matrix Spike (2533122-MS2) Source: E508174-08 Prepared: 08/15/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			

Matrix Spike Dup (2533122-MSD2) Source: E508174-08 Prepared: 08/15/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	40.0	20.0	50.0	ND	80.0	70-130	12.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 12:56:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533119-BLK1)

Prepared: 08/15/25 Analyzed: 08/15/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.1		50.0		108	61-141			

LCS (2533119-BS1)

Prepared: 08/15/25 Analyzed: 08/15/25

Diesel Range Organics (C10-C28)	232	25.0	250		92.8	66-144			
Surrogate: n-Nonane	47.1		50.0		94.1	61-141			

Matrix Spike (2533119-MS1)

Source: E508165-02

Prepared: 08/15/25 Analyzed: 08/15/25

Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	49.0		50.0		98.0	61-141			

Matrix Spike Dup (2533119-MSD1)

Source: E508165-02

Prepared: 08/15/25 Analyzed: 08/15/25

Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	56-156	1.71	20	
Surrogate: n-Nonane	49.3		50.0		98.6	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/18/2025 12:56:57PM

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 (2533123-BLK1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Chloride	ND	20.0							
LCS (2533123-BS1)					Prepared: 08/15/25 Analyzed: 08/15/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2533123-MS1)					Source: E508165-02		Prepared: 08/15/25 Analyzed: 08/15/25		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2533123-MSD1)					Source: E508165-02		Prepared: 08/15/25 Analyzed: 08/15/25		
Chloride	258	20.0	250	ND	103	80-120	1.29	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/18/25 12:56

- 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: 8/15/2025 10:27:47AM

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:	08/15/25 07:30	Work Order ID:	E508175
Phone:	(505) 382-1211	Date Logged In:	08/14/25 16:58	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	08/18/25 07:00 (1 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.

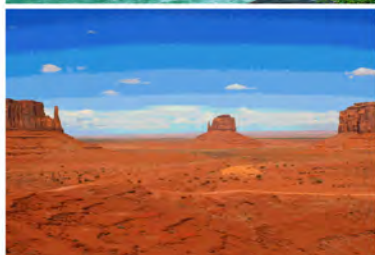
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508276

Job Number: 01058-0007

Received: 8/26/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/27/25

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: 8/27/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E508276
Date Received: 8/26/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/26/2025 7:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 08/27/25 14:53
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05-4'	E508276-01A	Soil	08/22/25	08/26/25	Glass Jar, 2 oz.
BH05-6'	E508276-02A	Soil	08/22/25	08/26/25	Glass Jar, 2 oz.
BH05-8'	E508276-03A	Soil	08/22/25	08/26/25	Glass Jar, 2 oz.
BH05-9'	E508276-04A	Soil	08/22/25	08/26/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/27/2025 2:53:11PM

BH05-4'

E508276-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2535023	
Benzene	ND	0.0250	1	08/26/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/26/25	
Toluene	ND	0.0250	1	08/26/25	08/26/25	
o-Xylene	ND	0.0250	1	08/26/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/26/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.3 %	70-130		08/26/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2535023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	109 %	70-130		08/26/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2535022	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/26/25	08/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/26/25	08/26/25	
<i>Surrogate: n-Nonane</i>	95.6 %	61-141		08/26/25	08/26/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2535030	
Chloride	10400	200	10	08/26/25	08/26/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/27/2025 2:53:11PM

BH05-6'

E508276-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535023	
Benzene	ND	0.0250	1	08/26/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/26/25	
Toluene	ND	0.0250	1	08/26/25	08/26/25	
o-Xylene	ND	0.0250	1	08/26/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/26/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	08/26/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	08/26/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2535022	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/26/25	08/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/26/25	08/26/25	
<i>Surrogate: n-Nonane</i>						
		92.7 %	61-141	08/26/25	08/26/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2535030	
Chloride	9530	200	10	08/26/25	08/26/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/27/2025 2:53:11PM

BH05-8'

E508276-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535023	
Benzene	ND	0.0250	1	08/26/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/26/25	
Toluene	ND	0.0250	1	08/26/25	08/26/25	
o-Xylene	ND	0.0250	1	08/26/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/26/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.9 %	70-130		08/26/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		08/26/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2535022	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/26/25	08/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/26/25	08/26/25	
<i>Surrogate: n-Nonane</i>						
	95.5 %	61-141		08/26/25	08/26/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2535030	
Chloride	2690	20.0	1	08/26/25	08/26/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/27/2025 2:53:11PM

BH05-9'

E508276-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535023	
Benzene	ND	0.0250	1	08/26/25	08/26/25	
Ethylbenzene	ND	0.0250	1	08/26/25	08/26/25	
Toluene	ND	0.0250	1	08/26/25	08/26/25	
o-Xylene	ND	0.0250	1	08/26/25	08/26/25	
p,m-Xylene	ND	0.0500	1	08/26/25	08/26/25	
Total Xylenes	ND	0.0250	1	08/26/25	08/26/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/26/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535023	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/25	08/26/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		107 %	70-130	08/26/25	08/26/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2535022	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/26/25	08/26/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/26/25	08/26/25	
<i>Surrogate: n-Nonane</i>						
		96.4 %	61-141	08/26/25	08/26/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2535030	
Chloride	75.3	20.0	1	08/26/25	08/26/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/27/2025 2:53:11PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535023-BLK1)

Prepared: 08/26/25 Analyzed: 08/26/25

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		98.7	70-130			

LCS (2535023-BS1)

Prepared: 08/26/25 Analyzed: 08/26/25

Benzene	4.50	0.0250	5.00		90.1	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.7	70-130			
Toluene	4.56	0.0250	5.00		91.1	70-130			
o-Xylene	4.63	0.0250	5.00		92.6	70-130			
p,m-Xylene	9.26	0.0500	10.0		92.6	70-130			
Total Xylenes	13.9	0.0250	15.0		92.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			

Matrix Spike (2535023-MS1)

Source: E508270-01

Prepared: 08/26/25 Analyzed: 08/26/25

Benzene	4.72	0.0250	5.00	ND	94.4	70-130			
Ethylbenzene	4.75	0.0250	5.00	ND	94.9	70-130			
Toluene	4.76	0.0250	5.00	ND	95.2	70-130			
o-Xylene	4.78	0.0250	5.00	ND	95.5	70-130			
p,m-Xylene	9.66	0.0500	10.0	ND	96.6	70-130			
Total Xylenes	14.4	0.0250	15.0	ND	96.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.7	70-130			

Matrix Spike Dup (2535023-MSD1)

Source: E508270-01

Prepared: 08/26/25 Analyzed: 08/26/25

Benzene	4.75	0.0250	5.00	ND	95.1	70-130	0.683	27	
Ethylbenzene	4.81	0.0250	5.00	ND	96.1	70-130	1.27	26	
Toluene	4.81	0.0250	5.00	ND	96.1	70-130	0.949	20	
o-Xylene	4.85	0.0250	5.00	ND	97.0	70-130	1.49	25	
p,m-Xylene	9.80	0.0500	10.0	ND	98.0	70-130	1.36	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.6	70-130	1.40	26	
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/27/2025 2:53:11PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535023-BLK1) Prepared: 08/26/25 Analyzed: 08/26/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.51		8.00		106	70-130			

LCS (2535023-BS2) Prepared: 08/26/25 Analyzed: 08/26/25

Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.71		8.00		109	70-130			

Matrix Spike (2535023-MS2) Source: E508270-01 Prepared: 08/26/25 Analyzed: 08/26/25

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0	ND	96.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.32		8.00		104	70-130			

Matrix Spike Dup (2535023-MSD2) Source: E508270-01 Prepared: 08/26/25 Analyzed: 08/26/25

Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	ND	108	70-130	11.8	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.71		8.00		109	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/27/2025 2:53:11PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535022-BLK1)					Prepared: 08/26/25 Analyzed: 08/26/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.9	61-141			

LCS (2535022-BS1)					Prepared: 08/26/25 Analyzed: 08/26/25				
Diesel Range Organics (C10-C28)	234	25.0	250		93.7	66-144			
Surrogate: n-Nonane	46.4		50.0		92.8	61-141			

Matrix Spike (2535022-MS1)					Source: E508267-01		Prepared: 08/26/25 Analyzed: 08/26/25		
Diesel Range Organics (C10-C28)	258	25.0	250	ND	103	56-156			
Surrogate: n-Nonane	50.8		50.0		102	61-141			

Matrix Spike Dup (2535022-MSD1)					Source: E508267-01		Prepared: 08/26/25 Analyzed: 08/26/25		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	1.29	20	
Surrogate: n-Nonane	49.9		50.0		99.9	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/27/2025 2:53:11PM

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 (2535030-BLK1)					Prepared: 08/26/25 Analyzed: 08/26/25				
Chloride	ND	20.0							
LCS (2535030-BS1)					Prepared: 08/26/25 Analyzed: 08/26/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2535030-MS1)					Source: E508268-01		Prepared: 08/26/25 Analyzed: 08/26/25		
Chloride	326	20.0	250	85.9	96.0	80-120			
Matrix Spike Dup (2535030-MSD1)					Source: E508268-01		Prepared: 08/26/25 Analyzed: 08/26/25		
Chloride	320	20.0	250	85.9	93.6	80-120	1.92	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/27/25 14:53

- 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.



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: 8/26/2025 11:13:19AM

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:	08/26/25 07:00	Work Order ID:	E508276
Phone:	(505) 382-1211	Date Logged In:	08/25/25 16:10	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/27/25 07:00 (1 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

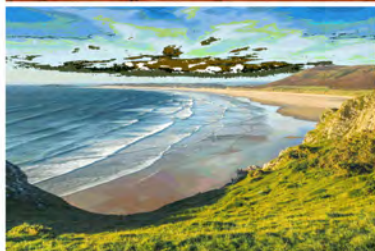
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508309

Job Number: 01058-0007

Received: 8/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/4/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/4/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E508309
Date Received: 8/28/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2025 7:00:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 09/04/25 10:30
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS23-0'	E508309-01A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
SS23-1'	E508309-02A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
SS24-0'	E508309-03A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
SS24-1'	E508309-04A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
SS25-0'	E508309-05A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
SS25-1'	E508309-06A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
SS26-0'	E508309-07A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
SS26-1'	E508309-08A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
SS27-0'	E508309-09A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.
SS27-1'	E508309-10A	Soil	08/26/25	08/28/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/4/2025 10:30:42AM

SS23-0'

E508309-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2535102	
Benzene	ND	0.0250	1	08/28/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/28/25	
Toluene	ND	0.0250	1	08/28/25	08/28/25	
o-Xylene	ND	0.0250	1	08/28/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	08/28/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2535102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		107 %	70-130	08/28/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2535099	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>		99.2 %	61-141	08/28/25	08/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2535106	
Chloride	64.1	20.0	1	08/28/25	08/28/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/4/2025 10:30:42AM

SS23-1'

E508309-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Benzene	ND	0.0250	1	08/28/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/28/25	
Toluene	ND	0.0250	1	08/28/25	08/28/25	
o-Xylene	ND	0.0250	1	08/28/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.8 %	70-130		08/28/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		08/28/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2535099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		08/28/25	08/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2535106
Chloride	58.6	20.0	1	08/28/25	08/28/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/4/2025 10:30:42AM

SS24-0'

E508309-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535102	
Benzene	ND	0.0250	1	08/28/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/28/25	
Toluene	ND	0.0250	1	08/28/25	08/28/25	
o-Xylene	ND	0.0250	1	08/28/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/28/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	08/28/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2535099	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
		95.7 %	61-141	08/28/25	08/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2535106	
Chloride	113	20.0	1	08/28/25	08/28/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/4/2025 10:30:42AM

SS24-1'

E508309-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Benzene	ND	0.0250	1	08/28/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/28/25	
Toluene	ND	0.0250	1	08/28/25	08/28/25	
o-Xylene	ND	0.0250	1	08/28/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/28/25	
Surrogate: 4-Bromochlorobenzene-PID	98.2 %	70-130		08/28/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/28/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	108 %	70-130		08/28/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2535099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
Surrogate: n-Nonane	92.7 %	61-141		08/28/25	08/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2535106
Chloride	ND	20.0	1	08/28/25	08/28/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/4/2025 10:30:42AM

SS25-0'

E508309-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Benzene	ND	0.0250	1	08/28/25	08/28/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/28/25	
Toluene	ND	0.0250	1	08/28/25	08/28/25	
o-Xylene	ND	0.0250	1	08/28/25	08/28/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/28/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		08/28/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		08/28/25	08/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2535099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
	93.7 %	61-141		08/28/25	08/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2535106
Chloride	ND	20.0	1	08/28/25	08/28/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/4/2025 10:30:42AM

SS25-1'

E508309-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535102	
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		08/28/25	08/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		08/28/25	08/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2535099	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
	98.8 %	61-141		08/28/25	08/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2535106	
Chloride	ND	20.0	1	08/28/25	08/28/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/4/2025 10:30:42AM

SS26-0'

E508309-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535102	
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		08/28/25	08/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2535102	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		08/28/25	08/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2535099	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
	91.5 %	61-141		08/28/25	08/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2535106	
Chloride	ND	20.0	1	08/28/25	08/28/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/4/2025 10:30:42AM

SS26-1'

E508309-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		08/28/25	08/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	107 %	70-130		08/28/25	08/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2535099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
	91.9 %	61-141		08/28/25	08/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2535106
Chloride	ND	20.0	1	08/28/25	08/28/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/4/2025 10:30:42AM

SS27-0'

E508309-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		08/28/25	08/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	106 %	70-130		08/28/25	08/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2535099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
	94.4 %	61-141		08/28/25	08/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2535106
Chloride	175	20.0	1	08/28/25	08/29/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/4/2025 10:30:42AM

SS27-1'

E508309-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Benzene	ND	0.0250	1	08/28/25	08/29/25	
Ethylbenzene	ND	0.0250	1	08/28/25	08/29/25	
Toluene	ND	0.0250	1	08/28/25	08/29/25	
o-Xylene	ND	0.0250	1	08/28/25	08/29/25	
p,m-Xylene	ND	0.0500	1	08/28/25	08/29/25	
Total Xylenes	ND	0.0250	1	08/28/25	08/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.8 %	70-130		08/28/25	08/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2535102
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/25	08/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		08/28/25	08/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2535099
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/25	08/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/25	08/29/25	
<i>Surrogate: n-Nonane</i>						
	95.2 %	61-141		08/28/25	08/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2535106
Chloride	78.8	20.0	1	08/28/25	08/29/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2025 10:30:42AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535102-BLK1) Prepared: 08/28/25 Analyzed: 08/28/25

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	8.05		8.00		101	70-130			

LCS (2535102-BS1) Prepared: 08/28/25 Analyzed: 08/28/25

Benzene	4.17	0.0250	5.00		83.4	70-130			
Ethylbenzene	4.07	0.0250	5.00		81.4	70-130			
Toluene	4.14	0.0250	5.00		82.9	70-130			
o-Xylene	4.22	0.0250	5.00		84.3	70-130			
p,m-Xylene	8.33	0.0500	10.0		83.3	70-130			
Total Xylenes	12.6	0.0250	15.0		83.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.70		8.00		96.2	70-130			

Matrix Spike (2535102-MS1) Source: E508309-03 Prepared: 08/28/25 Analyzed: 08/28/25

Benzene	4.52	0.0250	5.00	ND	90.4	70-130			
Ethylbenzene	4.45	0.0250	5.00	ND	89.1	70-130			
Toluene	4.50	0.0250	5.00	ND	90.0	70-130			
o-Xylene	4.55	0.0250	5.00	ND	91.0	70-130			
p,m-Xylene	9.09	0.0500	10.0	ND	90.9	70-130			
Total Xylenes	13.6	0.0250	15.0	ND	90.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			

Matrix Spike Dup (2535102-MSD1) Source: E508309-03 Prepared: 08/28/25 Analyzed: 08/28/25

Benzene	5.04	0.0250	5.00	ND	101	70-130	10.9	27	
Ethylbenzene	4.99	0.0250	5.00	ND	99.7	70-130	11.3	26	
Toluene	5.03	0.0250	5.00	ND	101	70-130	11.1	20	
o-Xylene	5.01	0.0250	5.00	ND	100	70-130	9.60	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	10.9	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	10.5	26	
Surrogate: 4-Bromochlorobenzene-PID	8.10		8.00		101	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2025 10:30:42AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535102-BLK1) Prepared: 08/28/25 Analyzed: 08/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.22		8.00		103	70-130			

LCS (2535102-BS2) Prepared: 08/28/25 Analyzed: 08/28/25

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0		93.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.22		8.00		103	70-130			

Matrix Spike (2535102-MS2) Source: E508309-03 Prepared: 08/28/25 Analyzed: 08/29/25

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.41		8.00		105	70-130			

Matrix Spike Dup (2535102-MSD2) Source: E508309-03 Prepared: 08/28/25 Analyzed: 08/28/25

Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130	2.10	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.54		8.00		107	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2025 10:30:42AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2535099-BLK1)					Prepared: 08/28/25 Analyzed: 08/28/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.2		50.0		94.4	61-141			

LCS (2535099-BS1)					Prepared: 08/28/25 Analyzed: 08/28/25				
Diesel Range Organics (C10-C28)	259	25.0	250		104	66-144			
Surrogate: n-Nonane	48.0		50.0		95.9	61-141			

Matrix Spike (2535099-MS1)				Source: E508307-03		Prepared: 08/28/25 Analyzed: 08/28/25			
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156			
Surrogate: n-Nonane	49.7		50.0		99.5	61-141			

Matrix Spike Dup (2535099-MSD1)				Source: E508307-03		Prepared: 08/28/25 Analyzed: 08/29/25			
Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156	2.52	20	
Surrogate: n-Nonane	48.4		50.0		96.9	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2025 10:30:42AM

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 (2535106-BLK1)					Prepared: 08/28/25 Analyzed: 08/28/25				
Chloride	ND	20.0							
LCS (2535106-BS1)					Prepared: 08/28/25 Analyzed: 08/28/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2535106-MS1)					Source: E508309-06		Prepared: 08/28/25 Analyzed: 08/28/25		
Chloride	256	20.0	250	ND	102	80-120			
Matrix Spike Dup (2535106-MSD1)					Source: E508309-06		Prepared: 08/28/25 Analyzed: 08/28/25		
Chloride	255	20.0	250	ND	102	80-120	0.424	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/04/25 10:30

- 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 # 21569773

Chain of Custody

Page 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT				State						
Client: Devon				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project: <u>Marwari 28 CTB 2</u>				Address: 205 E Bender Road #150		<u>E508309</u>	<u>01058-0007</u>				☒	☒						
Project Manager: Ashley Giovengo				City, State, Zip: Hobbs NM, 88240														
Address: 3122 National Parks Hwy				Phone: (575)748-1838														
City, State, Zip: Carlsbad NM, 88220				Email: dale.woodall@dv.com														
Phone: 575-988-0055				Miscellaneous: Dale Woodall														
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	
															Compliance	Y	or	N
															PWSID #			
															Temp			Remarks
1018	8/26/25	soil	1	SS23-0'		1						X						4.2°
1024	8/26/25			23-1'		2						X						3.9°
1025				24-0'		3						X						4.1°
1028				24-1'		4						X						3.9°
1030				25-0'		5						Y						3.8°
1033				25-1'		6						X						4.4°
1035				26-0'		7						Y						4.5°
1039				26-1'		8						X						4.3°
1040				27-0'		9						Y						4.2°
1043				27-1'		10						X						3.9°
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, dale.woodall@dv.com, chamilton@ensolum.com, iestrella@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 _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA										
<u>[Signature]</u>		8/27/25	7:11	<u>Michelle Gonzales</u>		8-27-25	0711											
<u>Michelle Gonzales</u>		8-27-25	1045	<u>Marissa Gonzales</u>		8-27-25	1045											
<u>Marissa Gonzales</u>		8-27-25	1910	<u>Andrew Musso</u>		8-27-25	1910											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
<u>Andrew Musso</u>		8-27-25	2400	<u>Noe Soto</u>		8-28-25	0700											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																		
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: 8/28/2025 9:20:36AM

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:	08/28/25 07:00	Work Order ID:	E508309
Phone:	(505) 382-1211	Date Logged In:	08/27/25 15:24	Logged In By:	Noe Soto
Email:	agiovento@ensolum.com	Due Date:	09/04/25 07:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E509017

Job Number: 01058-0007

Received: 9/4/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/9/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/9/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E509017
Date Received: 9/4/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/4/2025 7:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 09/09/25 16:21
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH25-0'	E509017-01A	Soil	09/02/25	09/04/25	Glass Jar, 2 oz.
BH25-1'	E509017-02A	Soil	09/02/25	09/04/25	Glass Jar, 2 oz.
BH24-0'	E509017-03A	Soil	09/02/25	09/04/25	Glass Jar, 2 oz.
BH24-2'	E509017-04A	Soil	09/02/25	09/04/25	Glass Jar, 2 oz.
BH24-4'	E509017-05A	Soil	09/02/25	09/04/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/9/2025 4:21:42PM

BH25-0'

E509017-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536041	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		89.0 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.2 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2536048	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>		98.4 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2536033	
Chloride	1790	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/9/2025 4:21:42PM

BH25-1'

E509017-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536041	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		91.3 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.5 %	70-130	09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2536048	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>		98.5 %	61-141	09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2536033	
Chloride	106	20.0	1	09/04/25	09/04/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/9/2025 4:21:42PM

BH24-0'

E509017-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536041	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.7 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2536048	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	94.0 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2536033	
Chloride	9460	200	10	09/04/25	09/04/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/9/2025 4:21:42PM

BH24-2'

E509017-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2536041	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	88.8 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2536041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.3 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2536048	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>	98.8 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2536033	
Chloride	3040	40.0	2	09/04/25	09/04/25	



Sample Data

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

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/9/2025 4:21:42PM

BH24-4'

E509017-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536041	
Benzene	ND	0.0250	1	09/04/25	09/05/25	
Ethylbenzene	ND	0.0250	1	09/04/25	09/05/25	
Toluene	ND	0.0250	1	09/04/25	09/05/25	
o-Xylene	ND	0.0250	1	09/04/25	09/05/25	
p,m-Xylene	ND	0.0500	1	09/04/25	09/05/25	
Total Xylenes	ND	0.0250	1	09/04/25	09/05/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.8 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2536041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/04/25	09/05/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		09/04/25	09/05/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2536048	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/04/25	09/05/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/04/25	09/05/25	
<i>Surrogate: n-Nonane</i>						
	98.3 %	61-141		09/04/25	09/05/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2536033	
Chloride	372	20.0	1	09/04/25	09/04/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/9/2025 4:21:42PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536041-BLK1)

Prepared: 09/04/25 Analyzed: 09/05/25

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	7.47		8.00		93.4	70-130			

LCS (2536041-BS1)

Prepared: 09/04/25 Analyzed: 09/04/25

Benzene	5.13	0.0250	5.00		103	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130			
Toluene	5.06	0.0250	5.00		101	70-130			
o-Xylene	5.05	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	7.59		8.00		94.9	70-130			

Matrix Spike (2536041-MS1)

Source: E509012-01

Prepared: 09/04/25 Analyzed: 09/04/25

Benzene	5.08	0.0250	5.00	ND	102	70-130			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	70-130			
Toluene	5.01	0.0250	5.00	ND	100	70-130			
o-Xylene	4.97	0.0250	5.00	ND	99.5	70-130			
p,m-Xylene	9.91	0.0500	10.0	ND	99.1	70-130			
Total Xylenes	14.9	0.0250	15.0	ND	99.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.48		8.00		93.5	70-130			

Matrix Spike Dup (2536041-MSD1)

Source: E509012-01

Prepared: 09/04/25 Analyzed: 09/05/25

Benzene	5.23	0.0250	5.00	ND	105	70-130	2.91	27	
Ethylbenzene	5.05	0.0250	5.00	ND	101	70-130	2.77	26	
Toluene	5.14	0.0250	5.00	ND	103	70-130	2.63	20	
o-Xylene	5.11	0.0250	5.00	ND	102	70-130	2.67	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	2.88	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	2.81	26	
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/9/2025 4:21:42PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536041-BLK1) Prepared: 09/04/25 Analyzed: 09/05/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.09		8.00		88.6	70-130			

LCS (2536041-BS2) Prepared: 09/04/25 Analyzed: 09/04/25

Gasoline Range Organics (C6-C10)	60.4	20.0	50.0		121	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			

Matrix Spike (2536041-MS2) Source: E509012-01 Prepared: 09/04/25 Analyzed: 09/04/25

Gasoline Range Organics (C6-C10)	57.3	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.9	70-130			

Matrix Spike Dup (2536041-MSD2) Source: E509012-01 Prepared: 09/04/25 Analyzed: 09/04/25

Gasoline Range Organics (C6-C10)	58.3	20.0	50.0	ND	117	70-130	1.71	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/9/2025 4:21:42PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2536048-BLK1)

Prepared: 09/04/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.7		50.0		93.5	61-141			

LCS (2536048-BS1)

Prepared: 09/04/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	252	25.0	250		101	66-144			
Surrogate: n-Nonane	46.8		50.0		93.6	61-141			

Matrix Spike (2536048-MS1)

Source: E509020-46

Prepared: 09/04/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	269	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	46.6		50.0		93.3	61-141			

Matrix Spike Dup (2536048-MSD1)

Source: E509020-46

Prepared: 09/04/25 Analyzed: 09/05/25

Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156	0.296	20	
Surrogate: n-Nonane	46.7		50.0		93.4	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/9/2025 4:21:42PM

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 (2536033-BLK1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Chloride	ND	20.0							
LCS (2536033-BS1)					Prepared: 09/04/25 Analyzed: 09/04/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2536033-MS1)					Source: E509021-03		Prepared: 09/04/25 Analyzed: 09/04/25		
Chloride	286	20.0	250	30.1	102	80-120			
Matrix Spike Dup (2536033-MSD1)					Source: E509021-03		Prepared: 09/04/25 Analyzed: 09/04/25		
Chloride	282	20.0	250	30.1	101	80-120	1.48	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:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/09/25 16:21

- 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.



1049

Envirotech Analytical Laboratory

Printed: 9/4/2025 10:09:19AM

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:	09/04/25 07:30	Work Order ID:	E509017
Phone:	(505) 382-1211	Date Logged In:	09/03/25 14:36	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	09/10/25 07:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E509090

Job Number: 01058-0007

Received: 9/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/16/25

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: 9/16/25

Ashley Giovengo
333 W Sheridan Avenue
Oklahoma City, OK 73102-5010



Project Name: Marwari 28 CTB 2
Workorder: E509090
Date Received: 9/10/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/10/2025 7:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/16/25 09:25

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS107-0'	E509090-01A	Soil	09/08/25	09/10/25	Glass Jar, 2 oz.
FS108-0'	E509090-02A	Soil	09/08/25	09/10/25	Glass Jar, 2 oz.
FS110-0'	E509090-03A	Soil	09/08/25	09/10/25	Glass Jar, 2 oz.
FS111-0'	E509090-04A	Soil	09/08/25	09/10/25	Glass Jar, 2 oz.
FS113-0'	E509090-05A	Soil	09/08/25	09/10/25	Glass Jar, 2 oz.
FS114-0'	E509090-06A	Soil	09/08/25	09/10/25	Glass Jar, 2 oz.
FS115-0'	E509090-07A	Soil	09/08/25	09/10/25	Glass Jar, 2 oz.
FS118-0'	E509090-08A	Soil	09/08/25	09/10/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/16/2025 9:25:30AM
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FS107-0'

E509090-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.6 %</i>	<i>70-130</i>		<i>09/10/25</i>	<i>09/11/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>89.8 %</i>	<i>70-130</i>		<i>09/10/25</i>	<i>09/11/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537081	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/10/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/10/25	09/12/25	
<i>Surrogate: n-Nonane</i>	<i>101 %</i>	<i>61-141</i>		<i>09/10/25</i>	<i>09/12/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2537076	
Chloride	13300	200	10	09/10/25	09/10/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/16/2025 9:25:30AM

FS108-0'

E509090-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.1 %	70-130	09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.1 %	70-130	09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537081	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/10/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/10/25	09/12/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	09/10/25	09/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2537076	
Chloride	8840	200	10	09/10/25	09/10/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/16/2025 9:25:30AM

FS110-0'

E509090-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.9 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	90.0 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537081	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/10/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/10/25	09/12/25	
<i>Surrogate: n-Nonane</i>	101 %	61-141		09/10/25	09/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2537076	
Chloride	11900	200	10	09/10/25	09/10/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/16/2025 9:25:30AM

FS111-0'

E509090-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.4 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2537081	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/10/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/10/25	09/12/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		09/10/25	09/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2537076	
Chloride	8890	200	10	09/10/25	09/11/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/16/2025 9:25:30AM

FS113-0'

E509090-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.3 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2537081	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/10/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/10/25	09/12/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		09/10/25	09/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2537076	
Chloride	12700	200	10	09/10/25	09/11/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/16/2025 9:25:30AM

FS114-0'

E509090-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.8 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.7 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2537081	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/10/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/10/25	09/12/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		09/10/25	09/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2537076	
Chloride	8070	200	10	09/10/25	09/11/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/16/2025 9:25:30AM

FS115-0'

E509090-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.3 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.5 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537081	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/10/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/10/25	09/12/25	
<i>Surrogate: n-Nonane</i>	109 %	61-141		09/10/25	09/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2537076	
Chloride	8910	200	10	09/10/25	09/11/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/16/2025 9:25:30AM

FS118-0'

E509090-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.2 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2537069	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.3 %	70-130		09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537081	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/10/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/10/25	09/12/25	
<i>Surrogate: n-Nonane</i>	113 %	61-141		09/10/25	09/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: TP		Batch: 2537076	
Chloride	10900	200	10	09/10/25	09/11/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 9:25:30AM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537069-BLK1)

Prepared: 09/10/25 Analyzed: 09/10/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.2	70-130			

LCS (2537069-BS1)

Prepared: 09/10/25 Analyzed: 09/10/25

Benzene	5.05	0.0250	5.00		101	70-130			
Ethylbenzene	4.94	0.0250	5.00		98.7	70-130			
Toluene	5.02	0.0250	5.00		100	70-130			
o-Xylene	4.99	0.0250	5.00		99.7	70-130			
p,m-Xylene	9.97	0.0500	10.0		99.7	70-130			
Total Xylenes	15.0	0.0250	15.0		99.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			

Matrix Spike (2537069-MS1)

Source: E509088-01

Prepared: 09/10/25 Analyzed: 09/10/25

Benzene	5.23	0.0250	5.00	ND	105	70-130			
Ethylbenzene	5.11	0.0250	5.00	ND	102	70-130			
Toluene	5.18	0.0250	5.00	ND	104	70-130			
o-Xylene	5.14	0.0250	5.00	ND	103	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.39		8.00		92.4	70-130			

Matrix Spike Dup (2537069-MSD1)

Source: E509088-01

Prepared: 09/10/25 Analyzed: 09/10/25

Benzene	4.98	0.0250	5.00	ND	99.6	70-130	4.86	27	
Ethylbenzene	4.88	0.0250	5.00	ND	97.6	70-130	4.60	26	
Toluene	4.96	0.0250	5.00	ND	99.1	70-130	4.51	20	
o-Xylene	4.93	0.0250	5.00	ND	98.6	70-130	4.19	25	
p,m-Xylene	9.85	0.0500	10.0	ND	98.5	70-130	4.52	23	
Total Xylenes	14.8	0.0250	15.0	ND	98.5	70-130	4.41	26	
Surrogate: 4-Bromochlorobenzene-PID	7.42		8.00		92.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 9:25:30AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537069-BLK1) Prepared: 09/10/25 Analyzed: 09/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.03		8.00		87.9	70-130			

LCS (2537069-BS2) Prepared: 09/10/25 Analyzed: 09/10/25

Gasoline Range Organics (C6-C10)	51.2	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike (2537069-MS2) Source: E509088-01 Prepared: 09/10/25 Analyzed: 09/10/25

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.9	70-130			

Matrix Spike Dup (2537069-MSD2) Source: E509088-01 Prepared: 09/10/25 Analyzed: 09/10/25

Gasoline Range Organics (C6-C10)	52.2	20.0	50.0	ND	104	70-130	3.90	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 9:25:30AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537081-BLK1)					Prepared: 09/10/25 Analyzed: 09/11/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.9		50.0		99.9	61-141			

LCS (2537081-BS1)					Prepared: 09/10/25 Analyzed: 09/11/25				
Diesel Range Organics (C10-C28)	290	25.0	250		116	66-144			
Surrogate: n-Nonane	55.0		50.0		110	61-141			

Matrix Spike (2537081-MS1)					Source: E509090-06		Prepared: 09/10/25 Analyzed: 09/11/25		
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	51.9		50.0		104	61-141			

Matrix Spike Dup (2537081-MSD1)					Source: E509090-06		Prepared: 09/10/25 Analyzed: 09/11/25		
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156	1.78	20	
Surrogate: n-Nonane	51.3		50.0		103	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 9:25:30AM

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2537076-BLK1)					Prepared: 09/10/25 Analyzed: 09/10/25				
Chloride	ND	20.0							
LCS (2537076-BS1)					Prepared: 09/10/25 Analyzed: 09/10/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2537076-MS1)					Source: E509089-08		Prepared: 09/10/25 Analyzed: 09/10/25		
Chloride	4550	40.0	250	3940	244	80-120			M4
Matrix Spike Dup (2537076-MSD1)					Source: E509089-08		Prepared: 09/10/25 Analyzed: 09/10/25		
Chloride	4230	40.0	250	3940	117	80-120	7.21	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:	Marwari 28 CTB 2	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/16/25 09:25

- 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.



Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Devon				Company: Devon Energy		Lab WO# E509090		Job Number 010580007				1D	2D	3D	Std	NM	CO	UT	TX
Project: Marwari 28 CTB 2				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@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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCQ 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1033	9/8/2025	Soil	1	FS107-0'		1								+					
1035				108-0'		2								+					
1044				110-0'		3								+					
1309				111-0'		4								+					
1312				113-0'		5								+					
1040				114-0'		6								+					
1315				115-0'		7								+					
1317				118-0'		8								+					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com, eplugge@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 on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N							
Jenna Hinkle		9/9/25		1200		Michelle Gonzales		9-9-25		1200									
Michelle Gonzales		9-9-25		1500		Marissa Gonzales		9-9-25		1500									
Marissa Gonzales		9-9-25		1930		Andreue Musso		9-9-25		1930									
Andreue Musso		9-9-25		2400		Caitlin Mar		9-10-25		730									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 9/10/2025 10:07:18AM

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:	09/10/25 07:30	Work Order ID:	E509090
Phone:	(505) 382-1211	Date Logged In:	09/09/25 15:34	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	09/16/25 07:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E509107

Job Number: 01058-0007

Received: 9/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/16/25

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: 9/16/25



Ashley Giovengo
333 W Sheridan Avenue
Oklahoma City, OK 73102-5010

Project Name: Marwari 28 CTB 2
Workorder: E509107
Date Received: 9/10/2025 11:00:41PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/10/2025 11:00:41PM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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mgonzaless@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/16/25 16:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS116-0.5'	E509107-01A	Soil	09/09/25	09/10/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/16/2025 4:06:53PM
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FS116-0.5'

E509107-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2537104	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2537104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.7 %	70-130	09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537108	
Diesel Range Organics (C10-C28)	112	25.0	1	09/11/25	09/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/25	09/11/25	
<i>Surrogate: n-Nonane</i>						
		88.0 %	61-141	09/11/25	09/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2537118	
Chloride	14000	200	10	09/11/25	09/11/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:06:53PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537104-BLK1)

Prepared: 09/10/25 Analyzed: 09/11/25

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	7.67		8.00		95.9	70-130			

LCS (2537104-BS1)

Prepared: 09/10/25 Analyzed: 09/11/25

Benzene	5.56	0.0250	5.00		111	70-130			
Ethylbenzene	5.57	0.0250	5.00		111	70-130			
Toluene	5.57	0.0250	5.00		111	70-130			
o-Xylene	5.52	0.0250	5.00		110	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.7	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			

Matrix Spike (2537104-MS1)

Source: E509106-24

Prepared: 09/10/25 Analyzed: 09/11/25

Benzene	5.78	0.0250	5.00	ND	116	70-130			
Ethylbenzene	5.83	0.0250	5.00	ND	117	70-130			
Toluene	5.80	0.0250	5.00	ND	116	70-130			
o-Xylene	5.79	0.0250	5.00	ND	116	70-130			
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130			
Total Xylenes	17.5	0.0250	15.0	ND	117	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

Matrix Spike Dup (2537104-MSD1)

Source: E509106-24

Prepared: 09/10/25 Analyzed: 09/11/25

Benzene	5.46	0.0250	5.00	ND	109	70-130	5.74	27	
Ethylbenzene	5.47	0.0250	5.00	ND	109	70-130	6.35	26	
Toluene	5.47	0.0250	5.00	ND	109	70-130	5.96	20	
o-Xylene	5.47	0.0250	5.00	ND	109	70-130	5.76	25	
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130	6.30	23	
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130	6.12	26	
Surrogate: 4-Bromochlorobenzene-PID	8.39		8.00		105	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:06:53PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537104-BLK1) Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

LCS (2537104-BS2) Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	59.8	20.0	50.0		120	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

Matrix Spike (2537104-MS2) Source: E509106-24 Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	58.6	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike Dup (2537104-MSD2) Source: E509106-24 Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	59.1	20.0	50.0	ND	118	70-130	0.837	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:06:53PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537108-BLK1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.1		50.0		92.3	61-141			

LCS (2537108-BS1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Diesel Range Organics (C10-C28)	247	25.0	250		98.9	66-144			
Surrogate: n-Nonane	46.6		50.0		93.1	61-141			

Matrix Spike (2537108-MS1)					Source: E509111-07		Prepared: 09/11/25 Analyzed: 09/11/25		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.0	56-156			
Surrogate: n-Nonane	44.6		50.0		89.3	61-141			

Matrix Spike Dup (2537108-MSD1)					Source: E509111-07		Prepared: 09/11/25 Analyzed: 09/11/25		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	2.48	20	
Surrogate: n-Nonane	43.6		50.0		87.1	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:06:53PM

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 (2537118-BLK1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Chloride	ND	20.0							
LCS (2537118-BS1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2537118-MS1)					Source: E509111-03		Prepared: 09/11/25 Analyzed: 09/11/25		
Chloride	540	20.0	250	254	115	80-120			
Matrix Spike Dup (2537118-MSD1)					Source: E509111-03		Prepared: 09/11/25 Analyzed: 09/11/25		
Chloride	504	20.0	250	254	100	80-120	6.94	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:	Marwari 28 CTB 2	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/16/25 16:06

- 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#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project: Marwari 28 CTB 2					Address: 5315 Buena Vista Dr			E509107	010580007				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@envirotech.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	
1634	9/9/2025	Soil	1	FS116-0.5'		1													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@envirotech.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, ihinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com, eplugge@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 on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N											
Jenna Hinkle		9/10/2025	7:00	Michelle Gonzales		9-10-25	0700												
Michelle Gonzales		9-10-25	1415	Marissa Gonzales		9-10-25	1415												
Marissa Gonzales		9-10-25	1815	Andrew Musso		9-10-25	1815												
Andrew Musso		9-10-25	2300	Carth ymer		9-10-25	2300												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 9/11/2025 10:19:56AM

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:	09/10/25 23:00	Work Order ID:	E509107
Phone:	(505) 382-1211	Date Logged In:	09/10/25 16:10	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	09/18/25 07:00 (5 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: CouierComments/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.

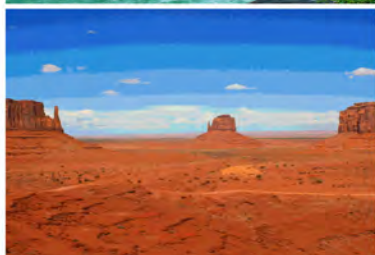
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E509108

Job Number: 01058-0007

Received: 9/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/16/25

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: 9/16/25



Ashley Giovengo
333 W Sheridan Avenue
Oklahoma City, OK 73102-5010

Project Name: Marwari 28 CTB 2
Workorder: E509108
Date Received: 9/10/2025 11:00:41PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/10/2025 11:00:41PM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/16/25 16:09

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS117-0.5'	E509108-01A	Soil	09/09/25	09/10/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/16/2025 4:09:08PM
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FS117-0.5'

E509108-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2537104	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2537104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.4 %	70-130	09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537108	
Diesel Range Organics (C10-C28)	99.8	25.0	1	09/11/25	09/11/25	
Oil Range Organics (C28-C36)	80.1	50.0	1	09/11/25	09/11/25	
<i>Surrogate: n-Nonane</i>		92.9 %	61-141	09/11/25	09/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2537118	
Chloride	15200	200	10	09/11/25	09/11/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:09:08PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537104-BLK1)

Prepared: 09/10/25 Analyzed: 09/11/25

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	7.67		8.00		95.9	70-130			

LCS (2537104-BS1)

Prepared: 09/10/25 Analyzed: 09/11/25

Benzene	5.56	0.0250	5.00		111	70-130			
Ethylbenzene	5.57	0.0250	5.00		111	70-130			
Toluene	5.57	0.0250	5.00		111	70-130			
o-Xylene	5.52	0.0250	5.00		110	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.7	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			

Matrix Spike (2537104-MS1)

Source: E509106-24

Prepared: 09/10/25 Analyzed: 09/11/25

Benzene	5.78	0.0250	5.00	ND	116	70-130			
Ethylbenzene	5.83	0.0250	5.00	ND	117	70-130			
Toluene	5.80	0.0250	5.00	ND	116	70-130			
o-Xylene	5.79	0.0250	5.00	ND	116	70-130			
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130			
Total Xylenes	17.5	0.0250	15.0	ND	117	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

Matrix Spike Dup (2537104-MSD1)

Source: E509106-24

Prepared: 09/10/25 Analyzed: 09/11/25

Benzene	5.46	0.0250	5.00	ND	109	70-130	5.74	27	
Ethylbenzene	5.47	0.0250	5.00	ND	109	70-130	6.35	26	
Toluene	5.47	0.0250	5.00	ND	109	70-130	5.96	20	
o-Xylene	5.47	0.0250	5.00	ND	109	70-130	5.76	25	
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130	6.30	23	
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130	6.12	26	
Surrogate: 4-Bromochlorobenzene-PID	8.39		8.00		105	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:09:08PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537104-BLK1) Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

LCS (2537104-BS2) Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	59.8	20.0	50.0		120	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

Matrix Spike (2537104-MS2) Source: E509106-24 Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	58.6	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike Dup (2537104-MSD2) Source: E509106-24 Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	59.1	20.0	50.0	ND	118	70-130	0.837	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:09:08PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537108-BLK1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.1		50.0		92.3	61-141			

LCS (2537108-BS1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Diesel Range Organics (C10-C28)	247	25.0	250		98.9	66-144			
Surrogate: n-Nonane	46.6		50.0		93.1	61-141			

Matrix Spike (2537108-MS1)					Source: E509111-07		Prepared: 09/11/25 Analyzed: 09/11/25		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.0	56-156			
Surrogate: n-Nonane	44.6		50.0		89.3	61-141			

Matrix Spike Dup (2537108-MSD1)					Source: E509111-07		Prepared: 09/11/25 Analyzed: 09/11/25		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	2.48	20	
Surrogate: n-Nonane	43.6		50.0		87.1	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:09:08PM

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 (2537118-BLK1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Chloride	ND	20.0							
LCS (2537118-BS1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2537118-MS1)					Source: E509111-03		Prepared: 09/11/25 Analyzed: 09/11/25		
Chloride	540	20.0	250	254	115	80-120			
Matrix Spike Dup (2537118-MSD1)					Source: E509111-03		Prepared: 09/11/25 Analyzed: 09/11/25		
Chloride	504	20.0	250	254	100	80-120	6.94	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:	Marwari 28 CTB 2	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/16/25 16:09

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.
Lab Use Only
Received on ice: ☒ Y ☐ N

Envirotech Analytical Laboratory

Printed: 9/11/2025 10:25:18AM

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:	09/10/25 23:00	Work Order ID:	E509108
Phone:	(505) 382-1211	Date Logged In:	09/10/25 16:13	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	09/18/25 07:00 (5 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: CouierComments/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

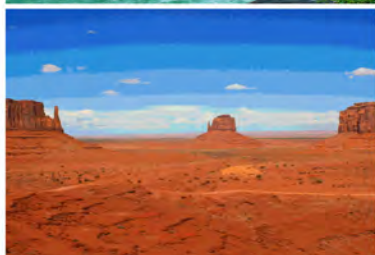
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E509109

Job Number: 01058-0007

Received: 9/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/16/25

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: 9/16/25



Ashley Giovengo
333 W Sheridan Avenue
Oklahoma City, OK 73102-5010

Project Name: Marwari 28 CTB 2
Workorder: E509109
Date Received: 9/10/2025 11:00:41PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/10/2025 11:00:41PM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/16/25 16:10

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS119-0.5'	E509109-01A	Soil	09/09/25	09/10/25	Glass Jar, 2 oz.
FS121-0.5'	E509109-02A	Soil	09/09/25	09/10/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/16/2025 4:10:09PM

FS119-0.5'

E509109-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2537104	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2537104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.3 %	70-130	09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2537108	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/11/25	09/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/11/25	09/11/25	
<i>Surrogate: n-Nonane</i>						
		94.1 %	61-141	09/11/25	09/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2537118	
Chloride	9980	200	10	09/11/25	09/11/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/16/2025 4:10:09PM

FS121-0.5'

E509109-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2537104	
Benzene	ND	0.0250	1	09/10/25	09/11/25	
Ethylbenzene	ND	0.0250	1	09/10/25	09/11/25	
Toluene	ND	0.0250	1	09/10/25	09/11/25	
o-Xylene	ND	0.0250	1	09/10/25	09/11/25	
p,m-Xylene	ND	0.0500	1	09/10/25	09/11/25	
Total Xylenes	ND	0.0250	1	09/10/25	09/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2537104	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/10/25	09/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.3 %	70-130	09/10/25	09/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2537108	
Diesel Range Organics (C10-C28)	518	25.0	1	09/11/25	09/11/25	
Oil Range Organics (C28-C36)	183	50.0	1	09/11/25	09/11/25	
<i>Surrogate: n-Nonane</i>						
		93.8 %	61-141	09/11/25	09/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2537118	
Chloride	7780	200	10	09/11/25	09/11/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:10:09PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537104-BLK1)

Prepared: 09/10/25 Analyzed: 09/11/25

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	7.67		8.00		95.9	70-130			

LCS (2537104-BS1)

Prepared: 09/10/25 Analyzed: 09/11/25

Benzene	5.56	0.0250	5.00		111	70-130			
Ethylbenzene	5.57	0.0250	5.00		111	70-130			
Toluene	5.57	0.0250	5.00		111	70-130			
o-Xylene	5.52	0.0250	5.00		110	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.7	0.0250	15.0		112	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			

Matrix Spike (2537104-MS1)

Source: E509106-24

Prepared: 09/10/25 Analyzed: 09/11/25

Benzene	5.78	0.0250	5.00	ND	116	70-130			
Ethylbenzene	5.83	0.0250	5.00	ND	117	70-130			
Toluene	5.80	0.0250	5.00	ND	116	70-130			
o-Xylene	5.79	0.0250	5.00	ND	116	70-130			
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130			
Total Xylenes	17.5	0.0250	15.0	ND	117	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

Matrix Spike Dup (2537104-MSD1)

Source: E509106-24

Prepared: 09/10/25 Analyzed: 09/11/25

Benzene	5.46	0.0250	5.00	ND	109	70-130	5.74	27	
Ethylbenzene	5.47	0.0250	5.00	ND	109	70-130	6.35	26	
Toluene	5.47	0.0250	5.00	ND	109	70-130	5.96	20	
o-Xylene	5.47	0.0250	5.00	ND	109	70-130	5.76	25	
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130	6.30	23	
Total Xylenes	16.5	0.0250	15.0	ND	110	70-130	6.12	26	
Surrogate: 4-Bromochlorobenzene-PID	8.39		8.00		105	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:10:09PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537104-BLK1) Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

LCS (2537104-BS2) Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	59.8	20.0	50.0		120	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			

Matrix Spike (2537104-MS2) Source: E509106-24 Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	58.6	20.0	50.0	ND	117	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike Dup (2537104-MSD2) Source: E509106-24 Prepared: 09/10/25 Analyzed: 09/11/25

Gasoline Range Organics (C6-C10)	59.1	20.0	50.0	ND	118	70-130	0.837	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:10:09PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537108-BLK1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.1		50.0		92.3	61-141			

LCS (2537108-BS1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Diesel Range Organics (C10-C28)	247	25.0	250		98.9	66-144			
Surrogate: n-Nonane	46.6		50.0		93.1	61-141			

Matrix Spike (2537108-MS1)					Source: E509111-07		Prepared: 09/11/25 Analyzed: 09/11/25		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.0	56-156			
Surrogate: n-Nonane	44.6		50.0		89.3	61-141			

Matrix Spike Dup (2537108-MSD1)					Source: E509111-07		Prepared: 09/11/25 Analyzed: 09/11/25		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	2.48	20	
Surrogate: n-Nonane	43.6		50.0		87.1	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/16/2025 4:10:09PM

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 (2537118-BLK1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Chloride	ND	20.0							
LCS (2537118-BS1)					Prepared: 09/11/25 Analyzed: 09/11/25				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2537118-MS1)					Source: E509111-03		Prepared: 09/11/25 Analyzed: 09/11/25		
Chloride	540	20.0	250	254	115	80-120			
Matrix Spike Dup (2537118-MSD1)					Source: E509111-03		Prepared: 09/11/25 Analyzed: 09/11/25		
Chloride	504	20.0	250	254	100	80-120	6.94	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:	Marwari 28 CTB 2	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/16/25 16:10

- 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: 9/11/2025 10:29:54AM

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:	09/10/25 23:00	Work Order ID:	E509109
Phone:	(505) 382-1211	Date Logged In:	09/10/25 16:14	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/18/25 07:00 (5 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: CouierComments/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: Marwari 28 CTB 2

Work Order: E509124

Job Number: 01058-0007

Received: 9/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/18/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/18/25



Ashley Giovengo
333 W Sheridan Avenue
Oklahoma City, OK 73102-5010

Project Name: Marwari 28 CTB 2
Workorder: E509124
Date Received: 9/12/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/12/2025 7:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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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ljjarboe@envirotech-inc.com

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mgonzaless@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/18/25 10:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS120-0.5'	E509124-01A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/18/2025 10:21:06AM
--	--	--

FS120-0.5'

E509124-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Benzene	ND	0.0250	1	09/12/25	09/13/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/13/25	
Toluene	ND	0.0250	1	09/12/25	09/13/25	
o-Xylene	ND	0.0250	1	09/12/25	09/13/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/13/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.8 %	70-130	09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537126	
Diesel Range Organics (C10-C28)	309	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	132	50.0	1	09/12/25	09/12/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	09/12/25	09/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2537134	
Chloride	14100	200	10	09/12/25	09/12/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:21:06AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537130-BLK1)

Prepared: 09/12/25 Analyzed: 09/12/25

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	7.36		8.00		92.0	70-130			

LCS (2537130-BS1)

Prepared: 09/12/25 Analyzed: 09/12/25

Benzene	4.52	0.0250	5.00		90.4	70-130			
Ethylbenzene	4.60	0.0250	5.00		92.1	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	13.9	0.0250	15.0		93.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.7	70-130			

Matrix Spike (2537130-MS1)

Source: E509120-05

Prepared: 09/12/25 Analyzed: 09/12/25

Benzene	4.82	0.0250	5.00	ND	96.4	70-130			
Ethylbenzene	4.89	0.0250	5.00	ND	97.8	70-130			
Toluene	4.90	0.0250	5.00	ND	97.9	70-130			
o-Xylene	4.89	0.0250	5.00	ND	97.7	70-130			
p,m-Xylene	9.92	0.0500	10.0	ND	99.2	70-130			
Total Xylenes	14.8	0.0250	15.0	ND	98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike Dup (2537130-MSD1)

Source: E509120-05

Prepared: 09/12/25 Analyzed: 09/12/25

Benzene	4.78	0.0250	5.00	ND	95.6	70-130	0.815	27	
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	70-130	0.466	26	
Toluene	4.86	0.0250	5.00	ND	97.2	70-130	0.708	20	
o-Xylene	4.86	0.0250	5.00	ND	97.2	70-130	0.535	25	
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	70-130	0.457	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.2	70-130	0.483	26	
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:21:06AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537130-BLK1) Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

LCS (2537130-BS2) Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	54.4	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.74		8.00		109	70-130			

Matrix Spike (2537130-MS2) Source: E509120-05 Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0	ND	110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.78		8.00		110	70-130			

Matrix Spike Dup (2537130-MSD2) Source: E509120-05 Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	ND	110	70-130	0.504	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:21:06AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537126-BLK1)					Prepared: 09/12/25 Analyzed: 09/12/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.3		50.0		92.7	61-141			

LCS (2537126-BS1)					Prepared: 09/12/25 Analyzed: 09/12/25				
Diesel Range Organics (C10-C28)	262	25.0	250		105	66-144			
Surrogate: n-Nonane	46.8		50.0		93.6	61-141			

Matrix Spike (2537126-MS1)					Source: E509120-01		Prepared: 09/12/25 Analyzed: 09/12/25		
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			

Matrix Spike Dup (2537126-MSD1)					Source: E509120-01		Prepared: 09/12/25 Analyzed: 09/12/25		
Diesel Range Organics (C10-C28)	274	25.0	250	ND	109	56-156	2.81	20	
Surrogate: n-Nonane	46.7		50.0		93.5	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:21:06AM

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 (2537134-BLK1)					Prepared: 09/12/25 Analyzed: 09/12/25				
Chloride	ND	20.0							
LCS (2537134-BS1)					Prepared: 09/12/25 Analyzed: 09/12/25				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2537134-MS1)					Source: E509120-03		Prepared: 09/12/25 Analyzed: 09/12/25		
Chloride	813	20.0	250	583	92.0	80-120			
Matrix Spike Dup (2537134-MSD1)					Source: E509120-03		Prepared: 09/12/25 Analyzed: 09/12/25		
Chloride	791	20.0	250	583	83.0	80-120	2.81	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:	Marwari 28 CTB 2	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/18/25 10:21

- 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.



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO# E509124		Job Number 0058.007		1D	2D	3D	Std	NM	CO	UT	TX		
Project: Marwari 28 CTB 2				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@envirotech.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	
1033	9/10/2025	Soil	1	FS120-0.5		1													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@envirotech.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com, eplugge@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 on ice at a temp above 0 but less than 6°C on subsequent days.											
Jenna Hinkle		9/11/2025	7:00	Noe Sob		9-11-25	1200												
Noe Sob		9-11-25	1600	Andreue Musso		9-11-25	1730												
Andreue Musso		9-11-25	2400	Cuth. Man		9-12-25	730												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Lab Use Only																			
Received on ice: ☒ Y ☐ N																			
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 9/12/2025 12:22:23PM

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:	09/12/25 07:30	Work Order ID:	E509124
Phone:	(505) 382-1211	Date Logged In:	09/11/25 15:16	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	09/18/25 07:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

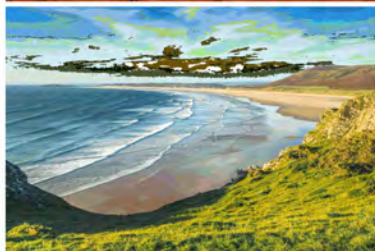
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E509125

Job Number: 01058-0007

Received: 9/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/18/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/18/25



Ashley Giovengo
333 W Sheridan Avenue
Oklahoma City, OK 73102-5010

Project Name: Marwari 28 CTB 2
Workorder: E509125
Date Received: 9/12/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/12/2025 7:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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Southern New Mexico Area

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Client Representative
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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:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/18/25 10:28

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS109-0.25'	E509125-01A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
FS112-0.25'	E509125-02A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
FS122-0.25'	E509125-03A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/18/2025 10:28:33AM
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FS109-0.25'

E509125-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Benzene	ND	0.0250	1	09/12/25	09/13/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/13/25	
Toluene	ND	0.0250	1	09/12/25	09/13/25	
o-Xylene	ND	0.0250	1	09/12/25	09/13/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/13/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.4 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	104 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537126	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
<i>Surrogate: n-Nonane</i>	96.7 %	61-141		09/12/25	09/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2537134	
Chloride	8410	200	10	09/12/25	09/12/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/18/2025 10:28:33AM

FS112-0.25'

E509125-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Benzene	ND	0.0250	1	09/12/25	09/13/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/13/25	
Toluene	ND	0.0250	1	09/12/25	09/13/25	
o-Xylene	ND	0.0250	1	09/12/25	09/13/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/13/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2537126	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		09/12/25	09/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2537134	
Chloride	9200	200	10	09/12/25	09/12/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/18/2025 10:28:33AM

FS122-0.25'

E509125-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Benzene	ND	0.0250	1	09/12/25	09/13/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/13/25	
Toluene	ND	0.0250	1	09/12/25	09/13/25	
o-Xylene	ND	0.0250	1	09/12/25	09/13/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/13/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.9 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	106 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537126	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
<i>Surrogate: n-Nonane</i>	101 %	61-141		09/12/25	09/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2537134	
Chloride	8240	200	10	09/12/25	09/12/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:28:33AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537130-BLK1)

Prepared: 09/12/25 Analyzed: 09/12/25

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	7.36		8.00		92.0	70-130			

LCS (2537130-BS1)

Prepared: 09/12/25 Analyzed: 09/12/25

Benzene	4.52	0.0250	5.00		90.4	70-130			
Ethylbenzene	4.60	0.0250	5.00		92.1	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	13.9	0.0250	15.0		93.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.7	70-130			

Matrix Spike (2537130-MS1)

Source: E509120-05

Prepared: 09/12/25 Analyzed: 09/12/25

Benzene	4.82	0.0250	5.00	ND	96.4	70-130			
Ethylbenzene	4.89	0.0250	5.00	ND	97.8	70-130			
Toluene	4.90	0.0250	5.00	ND	97.9	70-130			
o-Xylene	4.89	0.0250	5.00	ND	97.7	70-130			
p,m-Xylene	9.92	0.0500	10.0	ND	99.2	70-130			
Total Xylenes	14.8	0.0250	15.0	ND	98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike Dup (2537130-MSD1)

Source: E509120-05

Prepared: 09/12/25 Analyzed: 09/12/25

Benzene	4.78	0.0250	5.00	ND	95.6	70-130	0.815	27	
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	70-130	0.466	26	
Toluene	4.86	0.0250	5.00	ND	97.2	70-130	0.708	20	
o-Xylene	4.86	0.0250	5.00	ND	97.2	70-130	0.535	25	
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	70-130	0.457	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.2	70-130	0.483	26	
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:28:33AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537130-BLK1) Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

LCS (2537130-BS2) Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	54.4	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.74		8.00		109	70-130			

Matrix Spike (2537130-MS2) Source: E509120-05 Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0	ND	110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.78		8.00		110	70-130			

Matrix Spike Dup (2537130-MSD2) Source: E509120-05 Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	ND	110	70-130	0.504	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:28:33AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537126-BLK1)					Prepared: 09/12/25 Analyzed: 09/12/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.3		50.0		92.7	61-141			

LCS (2537126-BS1)					Prepared: 09/12/25 Analyzed: 09/12/25				
Diesel Range Organics (C10-C28)	262	25.0	250		105	66-144			
Surrogate: n-Nonane	46.8		50.0		93.6	61-141			

Matrix Spike (2537126-MS1)					Source: E509120-01		Prepared: 09/12/25 Analyzed: 09/12/25		
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			

Matrix Spike Dup (2537126-MSD1)					Source: E509120-01		Prepared: 09/12/25 Analyzed: 09/12/25		
Diesel Range Organics (C10-C28)	274	25.0	250	ND	109	56-156	2.81	20	
Surrogate: n-Nonane	46.7		50.0		93.5	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:28:33AM

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 (2537134-BLK1)					Prepared: 09/12/25 Analyzed: 09/12/25				
Chloride	ND	20.0							
LCS (2537134-BS1)					Prepared: 09/12/25 Analyzed: 09/12/25				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2537134-MS1)					Source: E509120-03		Prepared: 09/12/25 Analyzed: 09/12/25		
Chloride	813	20.0	250	583	92.0	80-120			
Matrix Spike Dup (2537134-MSD1)					Source: E509120-03		Prepared: 09/12/25 Analyzed: 09/12/25		
Chloride	791	20.0	250	583	83.0	80-120	2.81	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:	Marwari 28 CTB 2	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/18/25 10:28

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



[illegible]

Envirotech Analytical Laboratory

Printed: 9/12/2025 12:29:36PM

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:	09/12/25 07:30	Work Order ID:	E509125
Phone:	(505) 382-1211	Date Logged In:	09/11/25 15:21	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	09/18/25 07:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E509126

Job Number: 01058-0007

Received: 9/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/18/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/18/25



Ashley Giovengo
333 W Sheridan Avenue
Oklahoma City, OK 73102-5010

Project Name: Marwari 28 CTB 2
Workorder: E509126
Date Received: 9/12/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/12/2025 7:30:00AM, under the Project Name: Marwari 28 CTB 2.

The analytical test results summarized in this report with the Project Name: Marwari 28 CTB 2 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:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/18/25 10:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS28-0'	E509126-01A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
SS28-1'	E509126-02A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
SS29-0'	E509126-03A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.
SS29-1'	E509126-04A	Soil	09/10/25	09/12/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 9/18/2025 10:32:25AM
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	

SS28-0'

E509126-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Benzene	ND	0.0250	1	09/12/25	09/13/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/13/25	
Toluene	ND	0.0250	1	09/12/25	09/13/25	
o-Xylene	ND	0.0250	1	09/12/25	09/13/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/13/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.6 %	70-130	09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		108 %	70-130	09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537126	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
<i>Surrogate: n-Nonane</i>		98.1 %	61-141	09/12/25	09/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2537134	
Chloride	3780	100	5	09/12/25	09/12/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/18/2025 10:32:25AM

SS28-1'

E509126-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Benzene	ND	0.0250	1	09/12/25	09/13/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/13/25	
Toluene	ND	0.0250	1	09/12/25	09/13/25	
o-Xylene	ND	0.0250	1	09/12/25	09/13/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/13/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.4 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	105 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537126	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
<i>Surrogate: n-Nonane</i>	101 %	61-141		09/12/25	09/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2537134	
Chloride	5650	200	10	09/12/25	09/12/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/18/2025 10:32:25AM

SS29-0'

E509126-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Benzene	ND	0.0250	1	09/12/25	09/13/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/13/25	
Toluene	ND	0.0250	1	09/12/25	09/13/25	
o-Xylene	ND	0.0250	1	09/12/25	09/13/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/13/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2537130	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	105 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2537126	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
<i>Surrogate: n-Nonane</i>						
	94.4 %	61-141		09/12/25	09/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2537134	
Chloride	263	100	5	09/12/25	09/12/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Marwari 28 CTB 2
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/18/2025 10:32:25AM

SS29-1'

E509126-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537130
Benzene	ND	0.0250	1	09/12/25	09/13/25	
Ethylbenzene	ND	0.0250	1	09/12/25	09/13/25	
Toluene	ND	0.0250	1	09/12/25	09/13/25	
o-Xylene	ND	0.0250	1	09/12/25	09/13/25	
p,m-Xylene	ND	0.0500	1	09/12/25	09/13/25	
Total Xylenes	ND	0.0250	1	09/12/25	09/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.8 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2537130
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/12/25	09/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		09/12/25	09/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2537126
Diesel Range Organics (C10-C28)	ND	25.0	1	09/12/25	09/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/12/25	09/12/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		09/12/25	09/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2537134
Chloride	189	40.0	2	09/12/25	09/12/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:32:25AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537130-BLK1)

Prepared: 09/12/25 Analyzed: 09/12/25

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	7.36		8.00		92.0	70-130			

LCS (2537130-BS1)

Prepared: 09/12/25 Analyzed: 09/12/25

Benzene	4.52	0.0250	5.00		90.4	70-130			
Ethylbenzene	4.60	0.0250	5.00		92.1	70-130			
Toluene	4.60	0.0250	5.00		92.0	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130			
Total Xylenes	13.9	0.0250	15.0		93.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.49		8.00		93.7	70-130			

Matrix Spike (2537130-MS1)

Source: E509120-05

Prepared: 09/12/25 Analyzed: 09/12/25

Benzene	4.82	0.0250	5.00	ND	96.4	70-130			
Ethylbenzene	4.89	0.0250	5.00	ND	97.8	70-130			
Toluene	4.90	0.0250	5.00	ND	97.9	70-130			
o-Xylene	4.89	0.0250	5.00	ND	97.7	70-130			
p,m-Xylene	9.92	0.0500	10.0	ND	99.2	70-130			
Total Xylenes	14.8	0.0250	15.0	ND	98.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			

Matrix Spike Dup (2537130-MSD1)

Source: E509120-05

Prepared: 09/12/25 Analyzed: 09/12/25

Benzene	4.78	0.0250	5.00	ND	95.6	70-130	0.815	27	
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	70-130	0.466	26	
Toluene	4.86	0.0250	5.00	ND	97.2	70-130	0.708	20	
o-Xylene	4.86	0.0250	5.00	ND	97.2	70-130	0.535	25	
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	70-130	0.457	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.2	70-130	0.483	26	
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:32:25AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537130-BLK1) Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.62		8.00		108	70-130			

LCS (2537130-BS2) Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	54.4	20.0	50.0		109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.74		8.00		109	70-130			

Matrix Spike (2537130-MS2) Source: E509120-05 Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0	ND	110	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.78		8.00		110	70-130			

Matrix Spike Dup (2537130-MSD2) Source: E509120-05 Prepared: 09/12/25 Analyzed: 09/12/25

Gasoline Range Organics (C6-C10)	55.1	20.0	50.0	ND	110	70-130	0.504	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.72		8.00		109	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:32:25AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537126-BLK1) Prepared: 09/12/25 Analyzed: 09/12/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.3		50.0		92.7	61-141			

LCS (2537126-BS1) Prepared: 09/12/25 Analyzed: 09/12/25

Diesel Range Organics (C10-C28)	262	25.0	250		105	66-144			
Surrogate: n-Nonane	46.8		50.0		93.6	61-141			

Matrix Spike (2537126-MS1) Source: E509120-01 Prepared: 09/12/25 Analyzed: 09/12/25

Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			

Matrix Spike Dup (2537126-MSD1) Source: E509120-01 Prepared: 09/12/25 Analyzed: 09/12/25

Diesel Range Organics (C10-C28)	274	25.0	250	ND	109	56-156	2.81	20	
Surrogate: n-Nonane	46.7		50.0		93.5	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/18/2025 10:32:25AM

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 (2537134-BLK1)					Prepared: 09/12/25 Analyzed: 09/12/25				
Chloride	ND	20.0							
LCS (2537134-BS1)					Prepared: 09/12/25 Analyzed: 09/12/25				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2537134-MS1)					Source: E509120-03		Prepared: 09/12/25 Analyzed: 09/12/25		
Chloride	813	20.0	250	583	92.0	80-120			
Matrix Spike Dup (2537134-MSD1)					Source: E509120-03		Prepared: 09/12/25 Analyzed: 09/12/25		
Chloride	791	20.0	250	583	83.0	80-120	2.81	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:	Marwari 28 CTB 2	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/18/25 10:32

- 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#				Job Number				1D	2D	3D	Std	NM	CO	UT	TX
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr				E509126				Q058-007							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@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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOCC - NM	BGDOCC - TX	SDWA	CWA	RCRA					
1418	9/11/2025	S _o i	1	SS28-0'		1																	
1422	↓	↓	↓	28-1'		2																	
1426	↓	↓	↓	29-0'		3																	
1431	↓	↓	↓	29-1'		4																	
Additional Instructions: Please CC: cburton@ensolum.com, agiovento@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com, eplugge@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 on ice at a temperature above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y N							
Jenna Hinkle				9/11/2025		7:00		Noe Soto				9-11-25		1200									
Noe Soto				9-11-25		1600		Andrew Musso				9-11-25		1730									
Andrew Musso				9-11-25		2400		Caitlin Man				9-12-25		730									
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: 9/12/2025 12:30:29PM

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:	09/12/25 07:30	Work Order ID:	E509126
Phone:	(505) 382-1211	Date Logged In:	09/11/25 15:25	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	09/18/25 07:00 (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: [Wells, Shelly, EMNRD](#)
To: [Cole Burton](#)
Cc: [Ashley Giovengo](#); [Bratcher, Michael, EMNRD](#); [Raley, Jim](#)
Subject: RE: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Marwari 28 CTB 2 - nAPP2510725008
Date: Monday, July 14, 2025 10:59:29 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

[**EXTERNAL EMAIL **]

Hi Cole,

A 90-day extension is approved for NAPP2510725008 MARWARI 28 CTB 2. A remediation plan or closure report must be submitted to the OCD Permitting website no later than October 13, 2025. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Cole Burton <cburton@ensolum.com>
Sent: Monday, July 14, 2025 9:38 AM
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 - Marwari 28 CTB 2 - nAPP2510725008

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 July 15, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Marwari 28 CTB 2 (Site) (Incident Number nAPP2510725008). The release occurred on April 16, 2025, and 29 barrels (bbls) of produced water were released on-pad; 25 bbls of produced water were recovered. The release impacted an area on-pad approximately 7,311 square feet in size on Federal Land managed by the Bureau of Land Management (BLM). 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 of the subject matter release will begin as soon as Devon selects a subcontractor to complete excavation activities. A Depth to water (DTW) boring C-04980 POD1 was completed within a half-mile radius of the Site and the DTW was determined to be greater than 110 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 October 13, 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

From: [Wells, Shelly, EMNRD](#)
To: [Cole Burton](#)
Cc: [Ashley Giovengo](#); [Bratcher, Michael, EMNRD](#); [Raley, Jim](#)
Subject: RE: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Marwari 28 CTB 2 - nAPP2511127943
Date: Monday, July 14, 2025 10:53:11 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

[**EXTERNAL EMAIL**]

Good morning Cole,

A 90-day extension is approved for NAPP2511127943 MARWARI 28 CTB 2. A remediation plan or closure report must be submitted to the OCD Permitting website no later than October 15, 2025. Please include a copy of this and all notifications in the report to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Cole Burton <cburton@ensolum.com>
Sent: Monday, July 14, 2025 9:39 AM
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 - Marwari 28 CTB 2 - nAPP2511127943

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 July 17, 2025, for submitting a remediation work plan or closure

report required in 19.15.29.12.B.(1) NMAC at the Marwari 28 CTB 2 (Site) (Incident Number nAPP2511127943). The release occurred on April 18, 2025, and 7 barrels (bbls) of produced water were released; 4 bbls of produced water were recovered. The release impacted an area on-pad approximately 1,139 square feet in size on Federal Land managed by the Bureau of Land Management (BLM). 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 of the subject matter release will begin as soon as Devon selects a subcontractor to complete excavation activities. A Depth to water (DTW) boring C-04980 POD1 was completed within a half-mile radius of the Site and the DTW was determined to be greater than 110 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 October 15, 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 490789

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490789
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2510725008
Incident Name	NAPP2510725008 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	04/16/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	32,087
What is the estimated number of samples that will be gathered	106
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/08/2025
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	32.105561, -103.676714

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

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 490789

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490789
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 490790

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490790
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2510725008
Incident Name	NAPP2510725008 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	04/16/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	32,087
What is the estimated number of samples that will be gathered	106
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/11/2025
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	32.105561, -103.676714

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 490790

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490790
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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Santa Fe, NM 87505

QUESTIONS

Action 490791

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490791
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2510725008
Incident Name	NAPP2510725008 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	04/16/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	32,087
What is the estimated number of samples that will be gathered	106
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/12/2025
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	32.105561, -103.676714

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CONDITIONS

Action 490791

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490791
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 490792

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490792
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2510725008
Incident Name	NAPP2510725008 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	04/16/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	32,087
What is the estimated number of samples that will be gathered	106
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/13/2025
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	32.105561, -103.676714

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CONDITIONS

Action 490792

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490792
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 490813

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490813
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2511127943
Incident Name	NAPP2511127943 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	04/18/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	32,087
What is the estimated number of samples that will be gathered	106
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/08/2025
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	32.105561, -103.676714

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CONDITIONS

Action 490813

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490813
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 490815

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490815
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2511127943
Incident Name	NAPP2511127943 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	04/18/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	32,087
What is the estimated number of samples that will be gathered	106
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/11/2025
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	32.105561, -103.676714

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CONDITIONS

Action 490815

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490815
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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Oil Conservation Division
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QUESTIONS

Action 490816

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490816
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2511127943
Incident Name	NAPP2511127943 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	04/18/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	32,087
What is the estimated number of samples that will be gathered	106
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/12/2025
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	32.105561, -103.676714

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 490816

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490816
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 490817

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490817
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2511127943
Incident Name	NAPP2511127943 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	04/18/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	32,087
What is the estimated number of samples that will be gathered	106
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/13/2025
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	32.105561, -103.676714

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CONDITIONS

Action 490817

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490817
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	7/31/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	7/31/2025

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QUESTIONS

Action 502376

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 502376
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2523740331
Incident Name	NAPP2523740331 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	08/25/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,172
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/08/2025
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	32.105561, -103.676714

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CONDITIONS

Action 502376

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 502376
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/3/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/3/2025

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QUESTIONS

Action 502379

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 502379
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2523740331
Incident Name	NAPP2523740331 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	08/25/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	3,172
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/09/2025
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	32.105561, -103.676714

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CONDITIONS

Action 502379

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 502379
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/3/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/3/2025

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QUESTIONS

Action 502381

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 502381
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2523740331
Incident Name	NAPP2523740331 MARWARI 28 CTB 2 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source	
Site Name	MARWARI 28 CTB 2
Date Release Discovered	08/25/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	3,172
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/10/2025
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	32.105561, -103.676714

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CONDITIONS

Action 502381

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 502381
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/3/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/3/2025

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QUESTIONS

Action 514469

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 514469
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2523740331
Incident Name	NAPP2523740331 MARWARI 28 CTB 2 @ FAPP2123136202
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123136202] MARWARI 28 CTB 2

Location of Release Source*Please answer all the questions in this group.*

Site Name	MARWARI 28 CTB 2
Date Release Discovered	08/25/2025
Surface Owner	Federal

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: Corrosion Valve Produced Water Released: 26 BBL Recovered: 20 BBL Lost: 6 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)	Ball valve failed on separator, allowing release to separator skid and pad surface.

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QUESTIONS, Page 2

Action 514469

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 514469
	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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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: 10/13/2025
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QUESTIONS, Page 3

Action 514469

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 514469
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	15200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	701
GRO+DRO (EPA SW-846 Method 8015M)	518
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	09/01/2025
On what date will (or did) the final sampling or liner inspection occur	09/08/2025
On what date will (or was) the remediation complete(d)	09/08/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	3172
What is the estimated volume (in cubic yards) that will be remediated	200
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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Action 514469

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 514469
	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	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 10/13/2025
<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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QUESTIONS, Page 5

Action 514469

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 514469
	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

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QUESTIONS, Page 6

Action 514469

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 514469
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	502381
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/10/2025
What was the (estimated) number of samples that were to be gathered	16
What was the sampling surface area in square feet	3172

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	3172
What was the total volume (cubic yards) remediated	200
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	0
What was the total volume (in cubic yards) reclaimed	0
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: 10/13/2025

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Action 514469

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 514469
	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 514469

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 514469
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	11/5/2025