



November 6, 2025

New Mexico Oil Conservation Division

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

**Re: Closure Request Addendum
Marwari 28 CTB 2
Incident Number: nAPP2506428775
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 Addendum* to document excavation and soil sampling activities performed to address a produced water release at the Marwari 28 CTB 2 (Site). Based on the excavation activities and analytical results from the soil sampling events, Devon is submitting this *Closure Request Addendum*, describing remediation that has occurred and requesting closure for Incident Number nAPP2506428775.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located 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).

On March 04, 2025, a piping nipple on a water transfer pump developed a pinhole leak, which resulted in the release of approximately 34 barrels (bbls) of produced water partially into a lined secondary containment. Due to high pressure on the pipeline, the majority of the produced water released sprayed over the containment wall, onto the caliche pad and onto an off-pad pasture area. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via the NMOCD Portal on March 05, 2025, and the release was assigned Incident Number nAPP2506428775. The Form C-141 can be referenced within the NMOCD Incident Portal.

On March 17, 2025, NMOCD denied the *Closure Request* for Incident Number nAPP2434152111 for the following reasons:

1) *When the NOR was submitted by Devon on 3/5/25, the following coordinates were used for release location: 32.105685,-103.687787. Those coordinates are registered to the facility fAPP2130555386, which according to OCD records is Marwari 28 CTB 1. In report submitted, you put the location of the release here 32.105561, -103.676714. Confirm correct release location.* 2) *On pg. 1, "On March 04, 2025, a piping nipple on a water transfer pump developed a pinhole leak, which resulted in the release of approximately 34 barrels (bbls) of produced water into a lined secondary containment, onto the caliche pad, and into an off-pad pasture area." How did the fluids leave the containment? Specify what happened.* 3) *On pg. 2 of report, "A liner integrity inspection was conducted by Ensolum personnel on August 18, 2025, and the liner was determined to be intact and had the ability to contain the release in question." According to the C-141L and photo documentation it was conducted on August 19, 2025.*

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Update. 4) "Delineation soil samples SS06 through SS13 and boreholes BH11 through BH14 and BH16 through BH22 were collected at depths ranging from ground surface level to 1-foot bgs in the off-pad area to assess for the presence of any possible impacts due to high winds at the time of the release." This was submitted for reclamation. Collecting delineation samples spaced every 80-100 feet apart in the possible overspray area does not confirm that the pasture meets reclamation requirements. The entire overspray area that extends east to SS09 and SS10 requires five-point composite samples collected at surface to confirm there are no impacts from the release prior to reclamation approval.

What follows is a summary of the requested information and a subsequent *Closure Request Addendum* for the Site.

- 1) The correct GPS coordinates for the release are 32.105561°N, -103.676714°W and this information will be updated on the NMOCD web portal.
- 2) The liner remained intact however, the leaking equipment sprayed produced water over the containment wall; most of the release ended up outside of the containment due to the pressure of the leaking pipeline.
- 3) The correct date of the liner integrity inspection is August 19, 2025. This information has been updated in the report.
- 4) In review of the NMOCD's denial for the area off pad beyond the documented overspray area, additional explanation of this area is provided. Due to the high winds and known overspray footprint, Devon, out of abundance of precaution, sampled the pasture area beyond the actual overspray area to confirm the presence or absence of COCs in the pasture. Photographs of the area do not indicate staining or wetness that could have been attributed to the release. All investigation delineation samples confirmed the pasture area was absent of any COCs and therefore the area did not require remediation and/or reclamation. Per 19.15.29.13.A NMAC, the area investigated was not impacted by the release and as such, there is no area to restore. Per 19.15.29.13.D NMAC, only areas disturbed by remediation require reclamation. This off pad pasture area was not remediated, and the original condition of the pasture area remained intact. Non-waste containing soil has been confirmed in the area based on delineation samples SS06 through SS13 and BH11 through BH14 and BH16 through BH22.

Based on the precautionary reason for oversampling and the absence of impacts in the pasture area beyond the overspray area, confirmation sampling of the area does not appear warranted as reclamation is not applicable per 19.15.29.13. If necessary, Devon would be happy to have a meeting to discuss this area further to better explain the situation and why confirmation sampling is not appropriate for this situation. We look forward to hearing from you soon. Thank you and have a great day.

This information listed above was provided to the NMOCD via email correspondence with NMOCD representative Ms. Shelly Wells and is included in Appendix A.

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 completed by Atkins Engineering Associates Inc. on June 17, 2025. Soil boring C-04980 POD1 is located approximately 0.45 miles northwest of the Site and was drilled to a total depth of 105 feet bgs, with no groundwater encountered. 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 location of the boring is presented on Figure 1, and the referenced well record is included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 0.75 miles 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 underlain by stable 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

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the pasture area that was impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

Beginning on March 11, 2025, Ensolum personnel were onsite to delineate the extent of the release as indicated by field screening and laboratory analytical results. Multiple releases are associated with this Site and as such any missing or skipped sample numbers were not included due to them being located around the other release extents. Seven boreholes (BH06 through BH10, BH15, and BH23) were advanced via hand auger within the release extent to assess the vertical extent of the release. Boreholes BH07 and BH10 were extended at a later date with the use of a tracked excavator and subsequent depths associated with the two borings were renamed to PH07 and PH10, respectively. Delineation soil samples were collected from each borehole at depths ranging from ground surface to 9 feet bgs. Sixteen delineation soil samples (SS01 through S13, SS20, SS21, and SS22) were collected from areas surrounding the release extent to verify the lateral extent at ground surface. Delineation soil samples SS06 through SS13 and boreholes BH11 through BH14 and BH16 through BH22 were collected at depths ranging from ground surface level to 1-foot bgs in the off-pad area to assess for the presence of any possible impacts due to high winds at the time of the release. All delineation soil samples were field screened for chloride using Hach® chloride QuanTab® test strips. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

All 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. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical 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.

A 48-hour advance notice of a liner inspection was provided via web portal to the NMOCD office on August 15, 2025. A liner integrity inspection was conducted by Ensolum personnel on August 19, 2025, and the liner was determined to be intact and had the ability to contain the release in question. Photographic documentation of delineation and liner inspection activities are included in Appendix D.

LABORATORY ANALYTICAL RESULTS

All lateral delineation soil samples (SS01 through S13, SS20, SS21, and SS22) were in compliance with the strictest Closure Criteria at ground surface. Laboratory analytical results for delineation soil samples collected from boreholes/potholes BH07 through BH10 contained TPH and/or chloride concentrations exceeding the reclamation requirement in the on-pad release area; all soil samples were in compliance with the Site Closure Criteria and with the reclamation requirement at 4 feet bgs

Laboratory analytical results for delineation soil samples collected from borehole BH15 indicated that chloride concentrations exceeded the reclamation requirement at a depth of 2 feet bgs in the overspray area off-pad. Laboratory analytical results for delineation soil samples collected from boreholes BH11 through BH14 and boreholes BH16 through BH23 were all in compliance with the Site Closure Criteria and reclamation requirement at surface and 1-foot bgs.

As a result of delineation activities, waste-containing soil was identified in the top 4 feet of the pasture area and excavation was necessary to support reclamation requirements. Laboratory results for the delineation soil samples are summarized in Table 1 and laboratory analytical reports are included in Appendix E.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

The excavation of impacted soil was completed utilizing a tracked excavator, loader, hydro-vac, and belly dump trucks. To direct excavation activities, soil was field screened for TPH utilizing a PetroFLAG® soil analyzer system and chloride utilizing test strips. The excavation depth was determined by delineation sampling to be 4 feet bgs. Photographic documentation of excavation activities is included in Appendix D.

Prior to beginning excavation activities at the Site, Ensolum submitted a confirmation sampling variance request to collect confirmation soil samples at a frequency of no more than 400 square feet from the floor of the excavation and sidewall soil samples at a frequency of no more than 200 square feet from the sidewalls of the excavation to the NMOCD on July 09, 2025; the variance request was approved by the NMOCD on July 10, 2025. Beginning on August 8 through August 13, 2025, 5-point composite confirmation 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 SW01 through SW13 were collected from the sidewalls of the excavation in the top 4 feet of the subsurface, with depths ranging from ground surface to 4 feet bgs. Composite soil samples FS50 through FS106 were collected from the floor of the excavation at depths ranging from 0.5 feet to 4 feet bgs. The soil samples were collected, handled, and analyzed following the same procedures as described above.

The final excavation extent measured approximately 22,232 square feet. A total of approximately 2,464 cubic yards of waste-containing soil was removed during the excavation activities. The waste-containing soil was transported and properly disposed of at the Northern Delaware Basin Landfill. The excavation extent and excavation soil sample locations are presented in Figure 3.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for excavation sidewall samples SW01 through SW08 and SW10 through SW12 and excavation floor samples FS50 through FS106 indicated all COC concentrations were compliant with the reclamation requirement. Laboratory analytical results for excavation sidewall samples SW09 and SW13, located on pad and away from the pasture, were in compliance with the Site Closure Criteria. Laboratory analytical results are summarized in Tables 2 and 3 and laboratory analytical reports are included as Appendix E.

RECLAMATION PLAN

A portion release occurred off pad in the pasture, and as such, a reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH were applied to the top 4 feet of the subsurface that was impacted by the release per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation. The following Reclamation Plan proposes reclamation of the excavated area:

- The excavation will be backfilled with locally sourced caliche (BF01) and topsoil (BF02) to match surrounding grade. Laboratory analytical results are summarized in Table 4 and laboratory analytical reports are included as Appendix E;
- Soil in the vicinity of the release includes: Pyote soils and Dune land, Fine sand, 0 to 30 inches and Fine sandy loam, 30 to 60 inches according to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey completed on May 27, 2025;
- The backfilled areas will be seeded utilizing a weed-free seed mix designed by the BLM to meet reclamation standards for this region, which will be: BLM Seed Mixture #2, for Sandy Sites;
- The seed mixture will be distributed with either a push broadcaster seed spreader, tractor operated broadcast seed spreader, drill seeding, or other means;
- Application of the seed mixture will be at a coverage of 10 pounds of seeds per acre of reclaimed pasture with distribution by a drilling method or 20 pounds of seeds per acre of reclaimed pasture with distribution by a broadcast method;
- Erosion control management is not anticipated, but if needed, will potentially include:
 - The placement of wattles in areas with a propensity for high run-off rates;
 - Straw cover if high winds are anticipated to support moisture retention and limit wind from blowing seeds away before they have had time to germinate; and/or
 - Other erosional control best management practices (BMP) as necessary to support timely and healthy regrowth of vegetation in disturbed areas;
- Seeding is anticipated to be completed in the Spring or Fall when temperatures and precipitation is most conducive for vegetation growth. In general, seeding should occur approximately one month after the last frost in the Spring up until approximately one month prior to the first fall frost. Ensolum understands the optimal time to seed is between July and early September, which will be adhered to for this Site;
- Annual inspections (at a minimum) will take place on the location until revegetation is consistent with local natural vegetation density. The Site will be inspected the following Fall to assess the success of regrowth. If necessary, an additional application of the BLM-approved pure live seed

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mixture will be applied as well as any needed BMPs will be installed to support growth and limit erosion;

- Upon completion of revegetation, a copy of the C-103 submitted to NMOCD will also be submitted to BLM for final inspection and release.

CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the March 2025 release of produced water. Following remediation efforts, 57 composite confirmation floor soil samples (FS50 through FS106) and 13 composite confirmation sidewall samples (SW01 through SW13) were collected. Laboratory analytical results for the excavation soil samples collected from the final excavation extent indicated all COC concentrations were in compliance with Site Closure Criteria and/or with the reclamation requirement in the top 4 feet of soil for areas off pad. Based on the soil sample analytical results, no further remediation was required. Reclamation will be completed as described above.

Based on horizontal and vertical delineation sampling, depth to groundwater greater than 105 feet bgs, and confirmation soil sample laboratory analytical results in compliance with their respective Closure Criteria and reclamation requirement, Devon believes these remedial actions have been protective of human health, the environment, and groundwater. As such, Devon respectfully requests closure for Incident Numbers nAPP2506428775.

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

Sincerely,
Ensolum, LLC

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

Cole Burton
Project Manager

A handwritten signature in black ink that appears to read "D. Moir".

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

cc: Jim Raley, Devon

Devon Energy Production Company, LP
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Appendices:

Figure 1	Site Receptor Map
Figure 2	Delineation Soil Sample Locations
Figure 3	Confirmation Soil Sample Locations
Table 1	Soil Sample Analytical Results (Delineation Soil Samples)
Table 2	Soil Sample Analytical Results (Confirmation Soil Samples)
Table 3	Soil Sample Analytical Results (Sidewall Soil Samples)
Table 4	Soil Sample Analytical Results (Backfill Soil Samples)
Appendix A	Denial Response Email
Appendix B	Well Log and Record
Appendix C	Lithologic Soil Sampling Logs
Appendix D	Photographic Log
Appendix E	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix F	NMOCD Correspondence







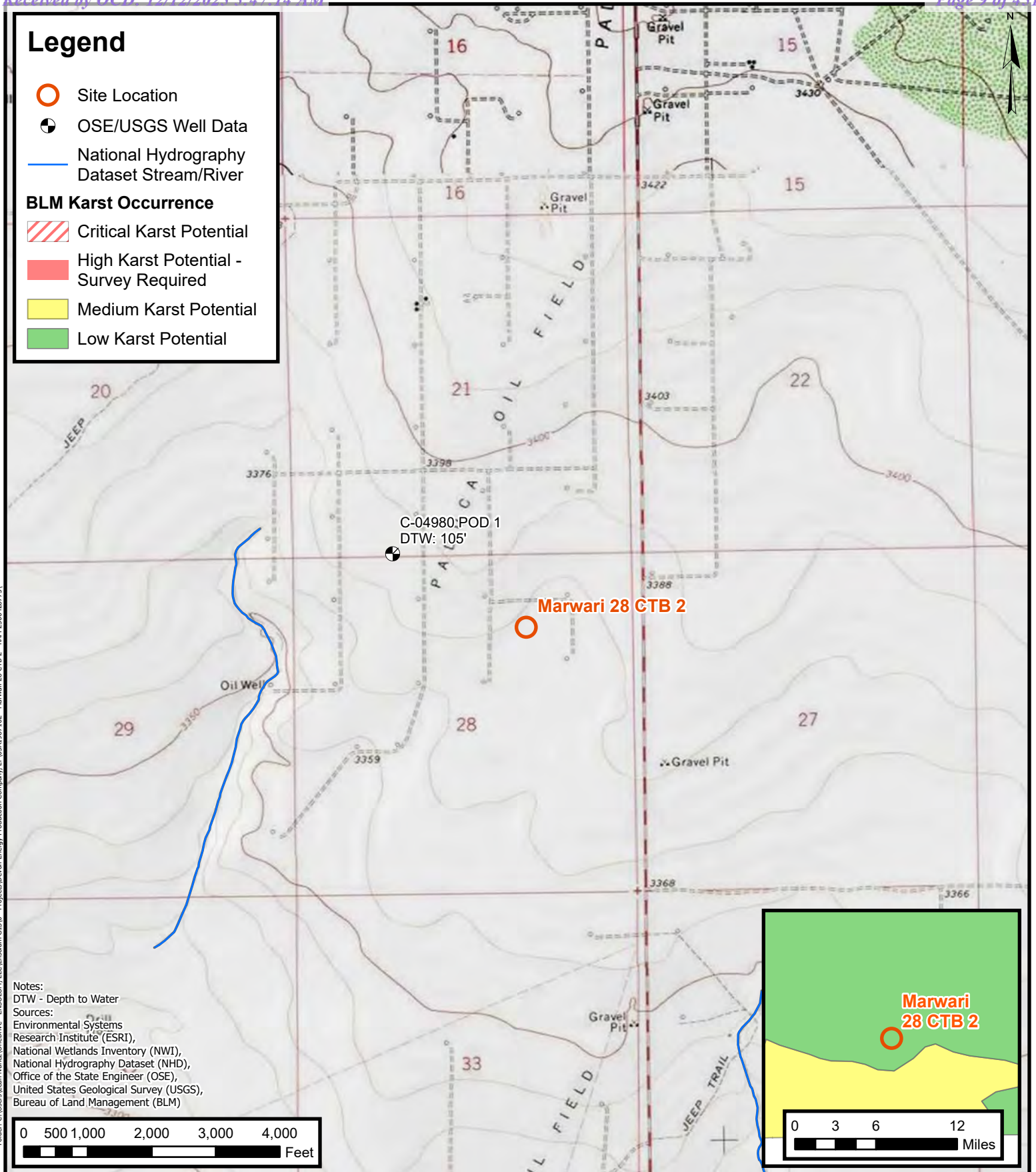
FIGURES

Legend

-  Site Location
-  OSE/USGS Well Data
-  National Hydrography Dataset Stream/River

BLM Karst Occurrence

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



Notes:
DTW - Depth to Water
Sources:
Environmental Systems
Research Institute (ESRI),
National Wetlands Inventory (NWI),
National Hydrography Dataset (NHD),
Office of the State Engineer (OSE),
United States Geological Survey (USGS),
Bureau of Land Management (BLM)

0 500 1,000 2,000 3,000 4,000 Feet

0 3 6 12 Miles

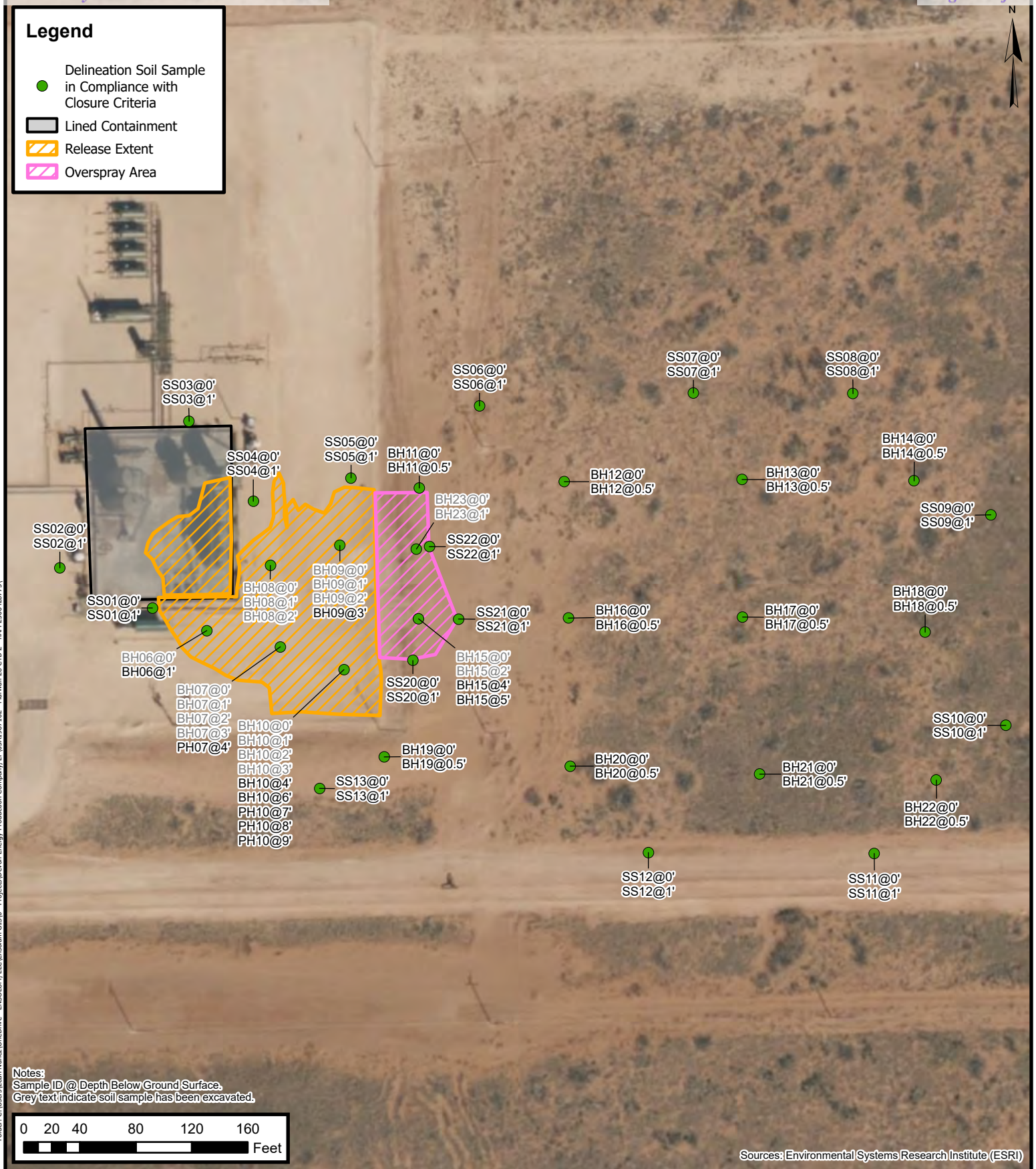
ENSOLUM
Environmental, Engineering and
Hydrogeologic Consultants

Site Receptor Map

Devon Energy Production Company, LP
Marwari 28 CTB 2
Incident Number: nAPP2506428775
Unit B, Section 28, T 25S, R 32E
Lea County, New Mexico

FIGURE

1



Delineation Soil Sample Locations

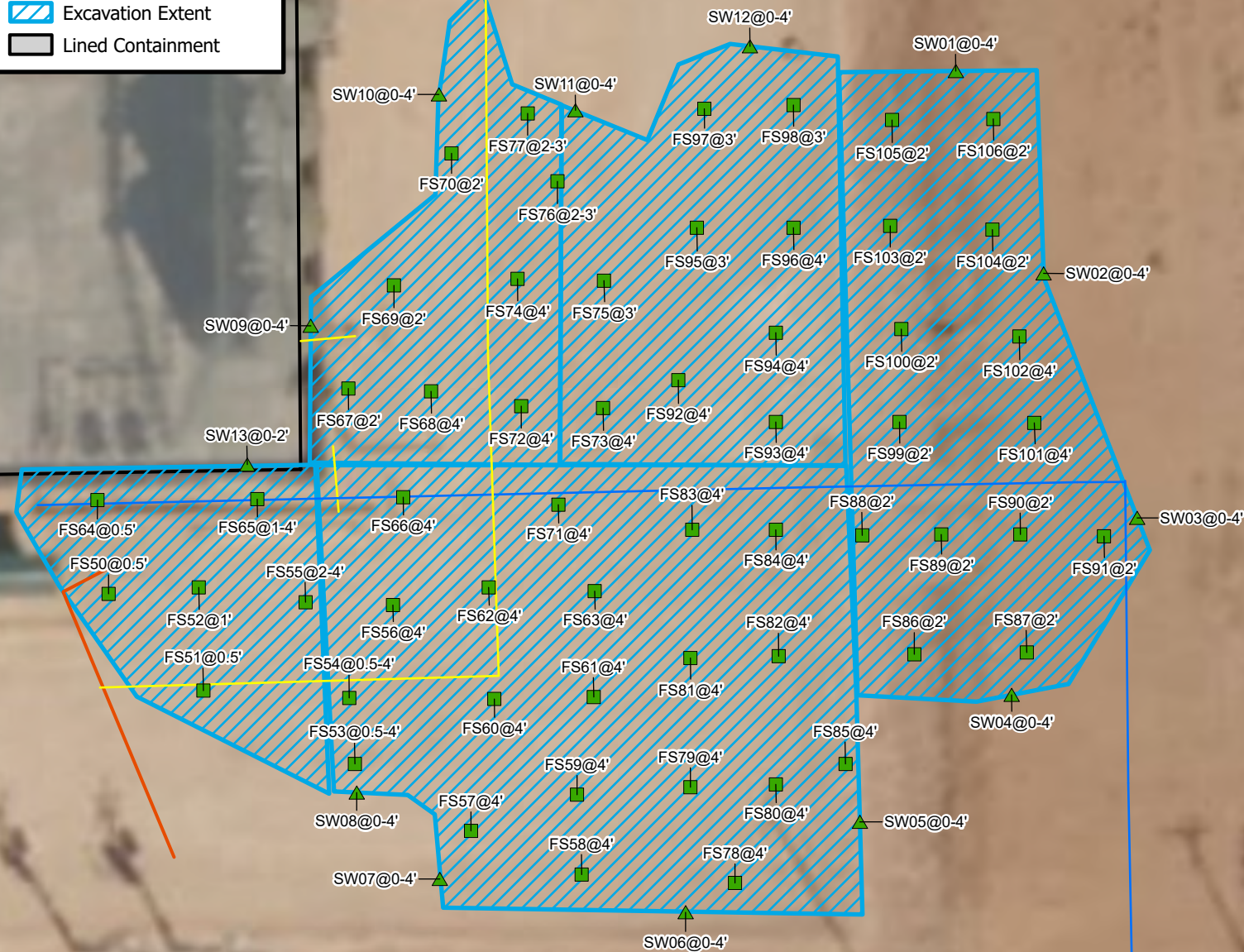
Devon Energy Production Company, LP
Marwari 28 CTB 2
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Unit B, Section 28, T 25S, R 32E
Lea County, New Mexico

FIGURE

2

Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- ▲ Excavation Sidewall Sample in Compliance with Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Water Utility Line
- ▨ Excavation Extent
- ▭ Lined Containment



Notes:
Sample ID @ Depth Below Ground Surface.

0 15 30 60
Feet

Sources: Environmental Systems Research Institute (ESRI)

Confirmation Soil Sample Locations

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Marwari 28 CTB 2
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Unit B, Section 28, T 25S, R 32E
Lea County, New Mexico

FIGURE

3





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 (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100.0
SS01	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100.0
SS02	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	176
SS03	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	35.3
SS04	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100.0
SS04	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	37.8
SS05	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<100.0
SS05	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	330
SS06*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06*	3/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07*	3/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08*	3/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS09*	3/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS10*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS10*	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS11*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS11*	3/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.9
SS12*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS12*	3/20/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS13*	3/11/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS13*	3/11/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS20	6/16/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS20	6/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.9
SS21*	6/16/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	276
SS21*	6/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	106
SS22*	6/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS22*	6/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	50.2



TABLE 1 - CONT'D
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 (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
BH06	5/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.2
BH06	5/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	22.7
BH07	5/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	675
BH07	5/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,280
BH07	5/2/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	8,300
BH07	5/2/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,170
PH07	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH08	5/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,420
BH08	5/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,750
BH08	5/2/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.1
BH09	5/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,930
BH09	5/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,090
BH09	5/2/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,260
BH09	5/2/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.5
BH10	5/2/2025	0	<0.0250	<0.0500	<20.0	28.0	<50.0	28.0	28.0	1,290
BH10	5/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	856
BH10	5/2/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,780
BH10	5/2/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,790
BH10	5/2/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,680
BH10	5/2/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,940
PH10	8/12/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	159
PH10	8/12/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,550
PH10	8/12/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	428
BH11*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH11*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH12*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.1
BH12*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH13*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH14*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH14*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0



TABLE 1 - CONT'D
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 (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
BH15*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	907
BH15*	5/23/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,350
BH15*	5/23/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	481
BH15*	5/23/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	277
BH16*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	90.8
BH16*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	163
BH17*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH17*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH18*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH19*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH19*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH20*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	85.5	<25.0	85.5	178
BH20*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	81.1	<25.0	81.1	50.9
BH21*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	65.2	<25.0	65.2	<20.0
BH21*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	63.9	<25.0	63.9	<20.0
BH22*	5/23/2025	0	<0.0250	<0.0500	<20.0	<25.0	55.7	<25.0	55.7	<20.0
BH22*	5/23/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	54.6	<25.0	54.6	<20.0
BH23*	6/18/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	282
BH23*	6/18/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	212

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

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NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<": Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 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 (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Confirmation Soil Samples										
FS50	8/12/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	49.9
FS51	8/12/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	478
FS52	8/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS53	8/12/2025	0.5-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29.4
FS54	8/12/2025	0.5-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS55	8/13/2025	2-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	316
FS56	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.8
FS57	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	58.8
FS58	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,690
FS59	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,410
FS60	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS61	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	70.2
FS62	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	379
FS63	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	907
FS64	8/12/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	91
FS65	8/13/2025	1-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	777
FS66	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS67	8/11/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	153
FS68	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.3
FS69	8/11/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	198
FS70	8/11/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	196
FS71	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,400
FS72	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	90.9
FS73	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	759
FS74	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	25.7
FS75	8/11/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	20.2
FS76	8/11/2025	2-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	37.5
FS77	8/11/2025	2-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.4
FS78	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	377
FS79	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,060
FS80	8/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	29.2
FS81	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,800
FS82	8/13/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

TABLE 2 - CONT'D
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 (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Confirmation Soil Samples										
FS83	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,310
FS84	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,430
FS85	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	156
FS86*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	139
FS87*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	43.8
FS88*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	106
FS89*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	458
FS90*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	113
FS91*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	199
FS92	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	154
FS93	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,930
FS94	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,670
FS95	8/11/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	30.7
FS96	8/12/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	793
FS97	8/11/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	57.6
FS98	8/11/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	321
FS99*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	157
FS100*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	326
FS101	8/11/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	598
FS102	8/11/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	554
FS103*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	166
FS104*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	182
FS105*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	124
FS106*	8/8/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	350

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

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Grey text represents samples that have been excavated

<": Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 3
SOIL SAMPLE ANALYTICAL RESULTS
 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 (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Sidewall Soil Samples										
SW01*	8/11/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	326
SW02*	8/11/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	44.6
SW03*	8/11/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	146
SW04*	8/11/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	152
SW05*	8/12/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW06*	8/12/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	206
SW07*	8/12/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW08	8/12/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW09	8/12/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	827
SW10	8/12/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	131
SW11	8/12/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	211
SW12	8/12/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	37.5
SW13	8/13/2025	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,320

Notes:

bgs: below ground surface

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 or reclamation standard where applicable.

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 4 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 (NMAC 19.15.29)			10	50	NE	NE	NE	NE	100	600
Backfill Soil Samples										
BF01	8/6/2025	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	170
BF02	8/22/2025	NA	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

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Grey text represents samples that have been excavated

<: Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

NA: Not Applicable



APPENDIX A

Denial Response Email

Ashley Giovengo

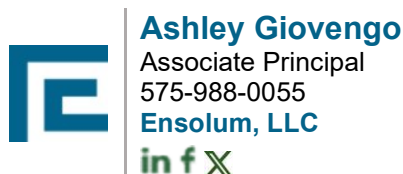
From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, November 17, 2025 1:25 PM
To: Ashley Giovengo
Subject: RE: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 - Denial Response

[**EXTERNAL EMAIL**]

You're welcome Ashley!

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Monday, November 17, 2025 1:21 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Raley, Jim <jim.rale@dmn.com>; Cole Burton <cburton@ensolum.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 - Denial Response

Thank you Shelly!



"Your authenticity is your superpower." – Unknown

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Monday, November 17, 2025 1:20 PM
To: Ashley Giovengo <agiovengo@ensolum.com>
Cc: Raley, Jim <jim.rale@dmn.com>; Cole Burton <cburton@ensolum.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 - Denial Response

[**EXTERNAL EMAIL**]

Hi Ashley,

The release lat/long have been updated to 32.105561, -103.676714 for nAPP2506428775 per your comments below. In the future, should the incorrect location be input during the NOR process, an email request can be sent to whomever is the reviewer to update the location rather than cancelling an incident.

Kind regards,

Shelly


Shelly Wells * Senior Environmental Scientist
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: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Monday, November 17, 2025 12:06 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Raley, Jim <jim.raley@dmv.com>; Cole Burton <cburton@ensolum.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 - Denial Response

Good afternoon, Shelly,

Ensolum has made the corrections on the Marwari 28 CTB 2 report, per our previous email communication however, there is one remaining issue to be addressed. The GPS coordinates for the release are correct in the report, but the initial GPS coordinates that were entered into the NMOCD web portal are incorrect. Devon is in the process of correcting the issues on their end however, once an incident has been reported, the GPS coordinates cannot be updated on the producer's side. Can you please let me know if you would like for us to cancel this incident and submit a new incident or will that add to the confusion? Is there anyway that you can update the release coordinates on your end? Thank you for the help, and I look forward to your response.

Kind Regards,

 **Ashley Giovengo**
Associate Principal
575-988-0055
Ensolum, LLC
in f X

"Your authenticity is your superpower." – Unknown

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Thursday, October 30, 2025 2:54 PM
To: Ashley Giovengo <agiovengo@ensolum.com>
Cc: Raley, Jim <jim.raley@dmv.com>; Cole Burton <cburton@ensolum.com>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 - Denial Response

[**EXTERNAL EMAIL**]

Good afternoon Ashley,

I have been in receipt of your comments in response to the reclamation denial and wanted to say there will be no need to set up a meeting to discuss #4 below. Include the paragraph that you have added in response to rejection #4 within the updated remediation closure/reclamation report, as it is paramount to not requiring that confirmation sampling be required in that part of the pasture.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
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: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Thursday, October 16, 2025 9:26 PM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Raley, Jim <jim.raley@dvn.com>; Cole Burton <cburton@ensolum.com>
Subject: [EXTERNAL] Devon Energy - MARWARI 28 CTB 2 - Incident # nAPP2506428775 - Denial Response

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

Good evening, Shelly,

I wanted to reach out with regards to the denial of Devon Energy's Marwari 28 CTB 2 Closure Report (Incident # nAPP2506428775). Please see Ensolums responses/comments below:

- **Reclamation denied for the following reasons:**
- **1) When the NOR was submitted by Devon on 3/5/25, the following coordinates were used for release location: 32.105685,-103.687787. Those coordinates are registered to the facility fAPP2130555386, which according to OCD records is Marwari 28 CTB 1. In report submitted, you put the location of the release here 32.105561, -103.676714. Confirm correct release location. **GPS Coordinates 32.105561, -103.676714 are correct and the OCD web portal will be updated when the Closure Report is resubmitted.****
- **2) On pg. 1, "On March 04, 2025, a piping nipple on a water transfer pump developed a pinhole leak, which resulted in the release of approximately 34 barrels (bbls) of produced water into a lined secondary containment, onto the caliche pad, and into an off-pad pasture area." How did the fluids leave the containment? Specify what happened. **The liner remained intact however the leaking equipment sprayed over the containment wall; most of the release ended up outside of the containment due to the pressure of the leaking pipeline. Ensolum will update the release description.****
- **3) On pg. 2 of report, "A liner integrity inspection was conducted by Ensolum personnel on August 18, 2025, and the liner was determined to be intact and had the ability to contain the**

release in question.” According to the C-141L and photo documentation it was conducted on August 19, 2025. Update report. **Ensolum will update the Closure Report upon resubmission.**

- 4) “Delineation soil samples SS06 through SS13 and boreholes BH11 through BH14 and BH16 through BH22 were collected at depths ranging from ground surface level to 1-foot bgs in the off-pad area to assess for the presence of any possible impacts due to high winds at the time of the release.” This was submitted for reclamation. Collecting delineation samples spaced every 80-100 feet apart in the possible overspray area does not confirm that the pasture meets reclamation requirements. The entire overspray area that extends east to SS09 and SS10 requires five-point composite samples collected at surface to confirm there are no impacts from the release prior to reclamation approval.
 - Submit updated report to the OCD by 11/25/2025.
- 4) In review of the NMOCD’s denial for the area off pad beyond the documented overspray area, additional explanation of this area is provided. Due to the high winds and known overspray footprint, Devon, out of abundance of precaution, sampled the pasture area beyond the actual overspray area to confirm the presence or absence of COCs in the pasture. Photographs of the area do not indicate staining or wetness that could have been attributed to the release. All investigation delineation samples confirmed the pasture area was absent of any COCs and therefore the area did not require remediation and/or reclamation. Per 19.15.29.13.A NMAC, the area investigated was not impacted by the release and as such, there is no area to restore. Per 19.15.29.13.D NMAC, only areas disturbed by remediation require reclamation. This off pad pasture area was not remediated and the original condition of the pasture area remained intact. Non-waste containing soil has been confirmed in the area based on delineation samples SS06 through SS13 and BH11 through BH14 and BH16 through BH22.

Based on the precautionary reason for oversampling and the absence of impacts in the pasture area beyond the overspray area, confirmation sampling of the area does not appear warranted as reclamation is not applicable per 19.15.29.13. If necessary, Devon would be happy to have a meeting to discuss this area further to better explain the situation and why confirmation sampling is not appropriate for this situation. We look forward to hearing from you soon. Thank you and have a great day.

Kind regards,



Ashley Giovengo

Associate Principal

575-988-0055

Ensolum, LLC



“Your authenticity is your superpower.” – Unknown



APPENDIX B

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

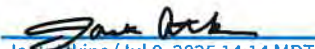
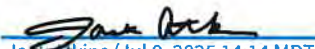
1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4980			
	WELL OWNER NAME(S) Devon Energy Production Company, LP				PHONE (OPTIONAL) 575-628-7597			
	WELL OWNER MAILING ADDRESS 5315 Buena Vist Dr.				CITY Carlsbad	STATE NM	ZIP 88220	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 6	SECONDS 31.6	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	41	0.23	W	* DATUM REQUIRED: WGS 84		
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: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		DATE STATIC MEASURED 06/23/2025
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger						CHECK HERE IF FITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	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 <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

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10 JUL 25 PM 2:45

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	
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:				TOTAL ESTIMATED WELL YIELD (gpm):	
	<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					
	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.						
<div style="text-align: right;">  OSE DII ROSWELL NM 10 JUL '25 PM2:46 </div>						
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:					
<div style="display: flex; justify-content: space-between;"> <div>  Jackie D. Atkins </div> <div> 07/09/2025 </div> </div>						
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):

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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
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


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10 JUL '25 PM2:46





APPENDIX C


Lithologic Soil Sampling Logs


 ENSOLUM		Sample Name: BH06		Date: 5/2/2025				
		Site Name: Marwari 28 CTB 2						
		Incident Number: nAPP2506428775						
		Job Number: 03A1987166						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.105501, -103.676742			Logged By: Jenna Hinkle		Method: Hand Auger			
			Hole Diameter: 3"		Total Depth: 3'			
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			N	BH06	0	0	CCHE	Moist, No staining, White Caliche with small to medium sized gravel, fine to medium grained, non-cohesive, non-plastic
M	<168	19	N	BH06	1	1	SP-SM	Moist, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic
M	<168		N	BH06	2	2		
M	<168		N	BH06	3	3		
Total Depth@ 3 feet bgs								


								Sample Name: BH07/PH07		Date: 8/12/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna hinkle		Method: Trackhoe	
Coordinates: 32.105468, -103.676573								Hole Diameter: 3'		Total Depth: 4'	
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	BH07	0	0	CCHE	Moist, No staining, White Caliche with small to medium sized gravel, fine to medium grained, non-cohesive, non-plastic			
M			N	BH07	1	1	SP-SM	Moist, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic			
M	>3,556		N	BH07	2	2					
D			N	BH07	3	3					
D	<168		N	PH07	4	4		Dry, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic			
Total Depth@ 4 feet bgs.											


								Sample Name: BH08		Date: 5/2/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105628, -103.676594								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	BH08	0	0	CCHE	Moist, No staining, White Caliche with small to medium sized gravel, fine to medium grained, non-cohesive, non-plastic			
M	2,447		N	BH08	1	1	SP-SM	Moist, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic			
M	<168	22	N	BH08	1	2					
Total Depth@ 2 feet bgs											


 ENSOLUM								Sample Name: BH09		Date: 5/2/25	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Oluwale Aderinto		Method: Hand Auger	
Coordinates: 32.105666, -103.676433								Hole Diameter: 3"		Total Depth: 3'	
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	BH09	0	0	CCHE	Pad Caliche			
M	>3,589		N	BH09	1	1	SP-SM	Brown, poorly graded sand with silt, non-cohesive, non-plastic.			
M	2,861		N	BH09	2	2					
M	162	30	N	BH09	3	3					
Total depth = 3'											


								Sample Name: BH10/PH10		Date: 8/12/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Trackhoe	
Coordinates: 32.105421, -103.676427								Hole Diameter: 3'		Total Depth: 9'	
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)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M	1,080		Y	BH10	0	0	CCHE	Pad Caliche			
M	996		N	BH10	1	1	SP-SM	Brown, poorly graded sand with silt, non-cohesive, non-plastic.			
M	2,133		N	BH10	2	2					
M	>3,589		N	BH10	3	3					
M	>3,589		N	BH10	4	4					
M	>3,589		N	BH10	5	5					
M	>3,589		N	BH10	6	6	SP-SC	Red, poorly graded sand with clay and gravel, medium plasticity			
D	246		N	PH10	7	7	CCHE	Dry, no staining, White Caliche, coarse grained, non-cohesive, non-plasticity			
D	3,119		N	PH10	8	8					
D	397		N	PH10	9	9					
Total Depth@ 9 feet bgs											


								Sample Name: BH11		Date: 5/23/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105776 103.676248								Hole Diameter: 3"		Total Depth: 0.5'	
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			N	BH11	0	0		Dark brown silty sand, fine to medium grained			
M	<168		N	BH11	0.5	0.5	SM				
Total Depth @ 0.5 feet bgs											


								Sample Name: BH12		Date: 5/23/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105785 -103.675913								Hole Diameter: 3"		Total Depth: 0.5'	
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			
D			N	BH12	0	0	SM	Light brown silty sand, fine to medium grained			
M	<168		N	BH12	0.5	0.5		Dark brown silty sand, fine grained			
Total Depth @ 0.5 feet bgs											


								Sample Name: BH13		Date: 5/23/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105785 -103.675502								Hole Diameter: 3"		Total Depth: 0.5'	
Comments: Field screening conducted with HACH Chloride Test Strip 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			
D			N	BH13	0	0		Brown silty sand, fine to medium grained			
M	<168		N	BH13	0.5	0.5	SM				
Total Depth @ 0.5 feet bgs											


								Sample Name: BH14		Date: 5/23/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105778 -103.675105								Hole Diameter: 3"		Total Depth: 0.5'	
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			
D			N	BH14	0	0					
M	<168		N	BH14	0.5	0.5	SM	Brown silty sand, fine to medium grained			
Total Depth @ 0.5 feet bgs											


								Sample Name: BH15		Date: 5/23/2025			
								Site Name: Marwari 28 CTB 2					
								Incident Number: nAPP2506428775					
								Job Number: 03A1987166					
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger			
Coordinates: 32.105519 -103.676253								Hole Diameter: 3"		Total Depth: 5'			
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					
D			N	BH15	0	0	SP-SM	Dry, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic					
D	1,204		N	BH15	0.5								
M	1,204		N	BH15	1	1							
M	1,030		N	BH15	1.5								
M	>3,438		N	BH15	2	2							
M	2,766		N	BH15	3	3							
						4							
M	380		N	BH15	5	5							
Total Depth @ 5 feet bgs.													


								Sample Name: BH16		Date: 5/23/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105517 -103.675907								Hole Diameter: 3"		Total Depth: 0.5'	
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			N	BH16	0	0					
M	190		N	BH16	0.5	0.5	SM	Brown silty sand, fine grained			
Total Depth @ 0.5 feet bgs											


								Sample Name: BH17		Date: 5/23/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105515 -103.675505								Hole Diameter: 3"		Total Depth: 0.5'	
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			N	BH17	0	0		Light brown silty sand, fine grained			
M	<168		N	BH17	0.5	0.5	SM	Dark brown silty sand, fine grained			
Total Depth @ 0.5 feet bgs											


								Sample Name: BH18		Date: 5/23/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105481 -103.675084								Hole Diameter: 3"		Total Depth: 0.5'	
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			
D			N	BH18	0	0	SP-SM	Dry, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic			
D	<168		N	BH18	0.5	0.5					
Total Depth @ 0.5 foot bgs											

								Sample Name: BH19		Date: 5/23/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105249 -103.676337								Hole Diameter: 3"		Total Depth: 0.5'	
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			
D			N	BH19	0	0	SP-SM	Dry, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic			
D	<168			BH19	0.5	0.5					
Total Depth @ 0.5 foot bgs											

								Sample Name: BH20		Date: 5/23/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105226 -103.675907								Hole Diameter: 3"		Total Depth: 0.5'	
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			
D			N	BH20	0	0	SP-SM	Dry, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic			
D	<168			BH20	0.5	0.5					
Total Depth @ 0.5 foot bgs											

								Sample Name: BH21		Date: 5/23/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105206 -103.675470								Hole Diameter: 3"		Total Depth: 0.5'	
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			
D			N	BH21	0	0	SP-SM	Dry, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic			
D	<168		N	BH21	0.5	0.5					
Total Depth @ 0.5 foot bgs											

								Sample Name: BH22		Date: 5/23/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.105190 -103.675063								Hole Diameter: 3"		Total Depth: 0.5'	
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			
D			N	BH22	0	0	SP-SM	Dry, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic			
D	<168		N	BH22	0.5	0.5					
Total Depth @ 0.5 foot bgs											

								Sample Name: BH23		Date: 6/18/2025	
								Site Name: Marwari 28 CTB 2			
								Incident Number: nAPP2506428775			
								Job Number: 03A1987166			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Hand Auger	
Coordinates: 32.1055663, -103.67662559								Hole Diameter: 3"		Total Depth: 1'	
Comments: Field screening conducted with HACH Chloride Test Strips for 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	257	26	N	BH22	0	0	SP-SM	Dry, No Staining, Brown sand with silt, fine to medium sized grains, non-cohesive, non-plastic			
D	<168		N	BH22	1	1					
Total Depth @ 1 foot bgs											



APPENDIX D

Photographic Log



Photographic Log

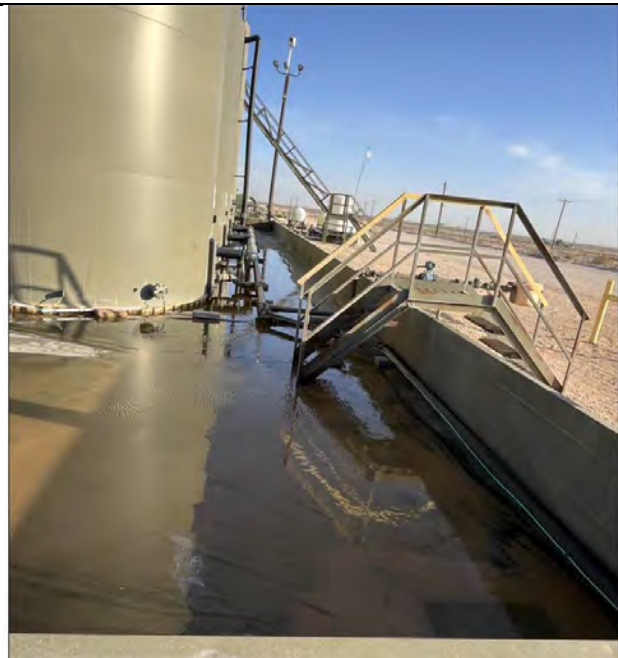
Devon Energy Production Company, LP
Marwari 28 CTB 2
nAPP2506428775



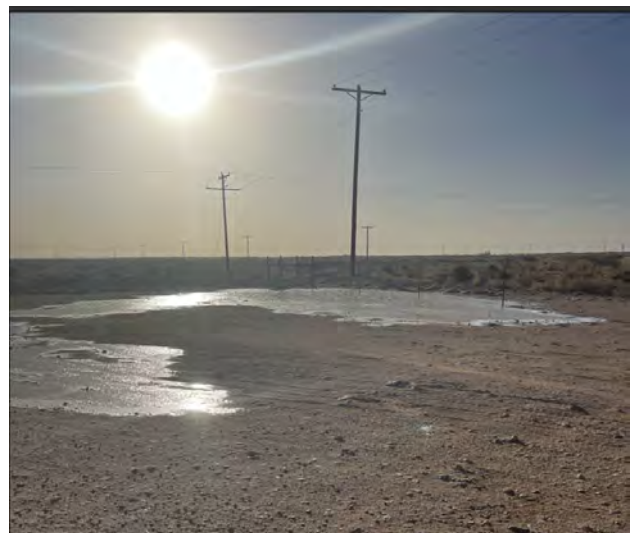
Photograph 1
Date: 5/4/2025
Description: Site sign
View: North



Photograph 2
Date: 5/4/2025
Description: In containment spill area
View: Northeast



Photograph 3
Date: 5/4/2025
Description: In containment spill area
View: North

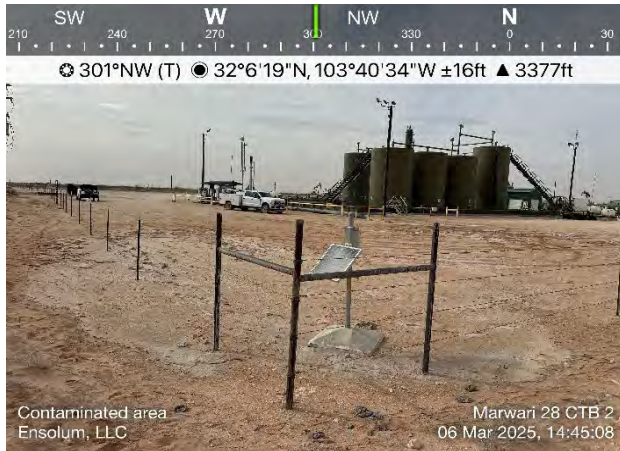


Photograph 4
Date: 5/4/2025
Description: On-pad spill area
View: Southeast

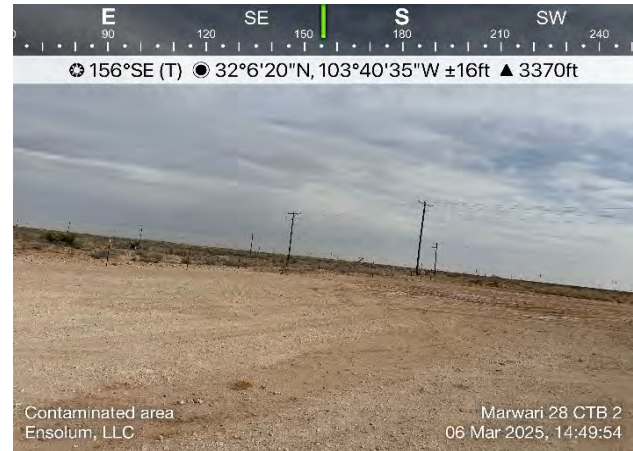


Photographic Log

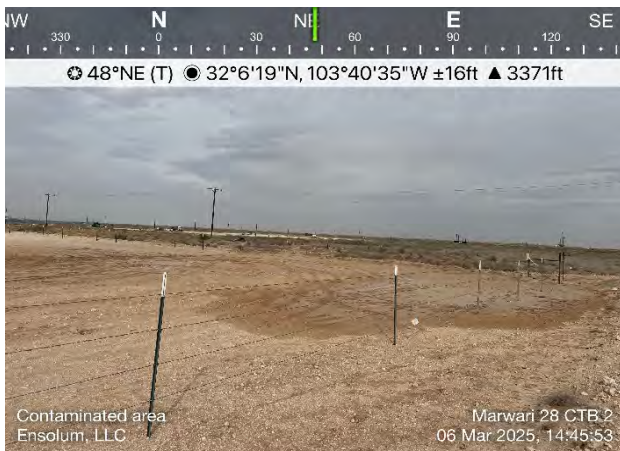
Devon Energy Production Company, LP
Marwari 28 CTB 2
nAPP2506428775



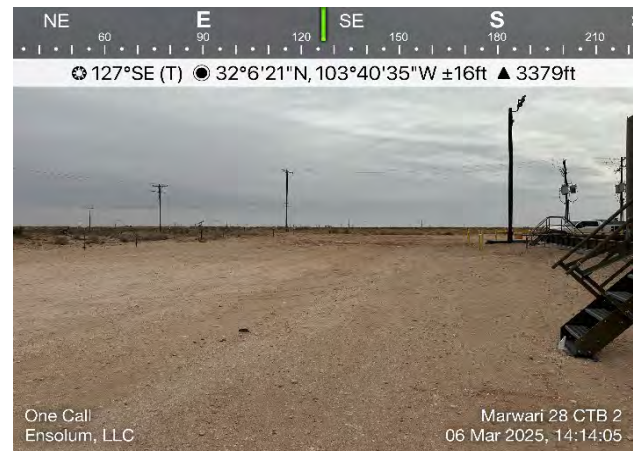
Photograph 5
Description: Spill area
View: Northwest



Photograph 6
Description: Spill area
View: Southeast



Photograph 7
Description: Spill area
View: Northeast



Photograph 8
Description: Spill area
View: Southeast



Photographic Log

Devon Energy Production Company, LP
Marwari 28 CTB 2
nAPP2506428775



Photograph 9
Description: Delineation
View: North

Date: 5/20/2025



Photograph 10
Description: Delineation
View: Northeast

Date: 5/20/2025



Photograph 11
Description: Delineation
View: Southwest

Date: 5/20/2025



Photograph 12
Description: Delineation
View: Southwest

Date: 5/20/2025



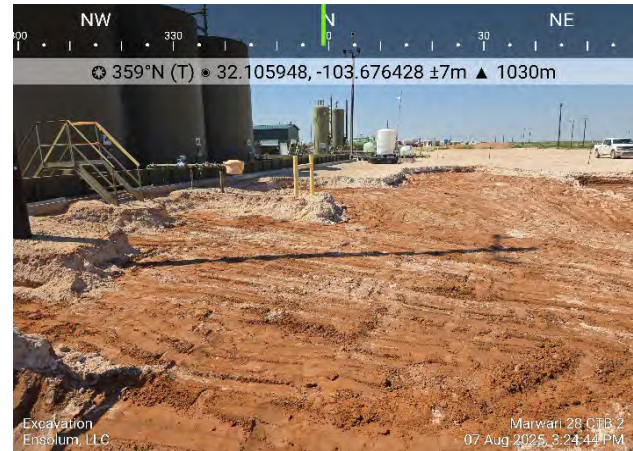
Photographic Log

Devon Energy Production Company, LP
Marwari 28 CTB 2
nAPP2506428775



Photograph 13
Description: Hydro-vac lines
View: Southwest

Date: 8/4/2025



Photograph 14
Description: Excavation
View: North

Date: 8/7/2025



Photograph 15
Description: Excavation
View: Northeast

Date: 8/7/2025



Photograph 16
Description: Excavation
View: Southeast

Date: 8/8/2025



Photographic Log

Devon Energy Production Company, LP
Marwari 28 CTB 2
nAPP2506428775



Photograph 17
Description: Excavation
View: West

Date: 8/8/2025



Photograph 18
Description: Excavation
View: Southeast

Date: 8/8/2025



Photograph 19
Description: Excavation
View: Northwest

Date: 8/11/2025



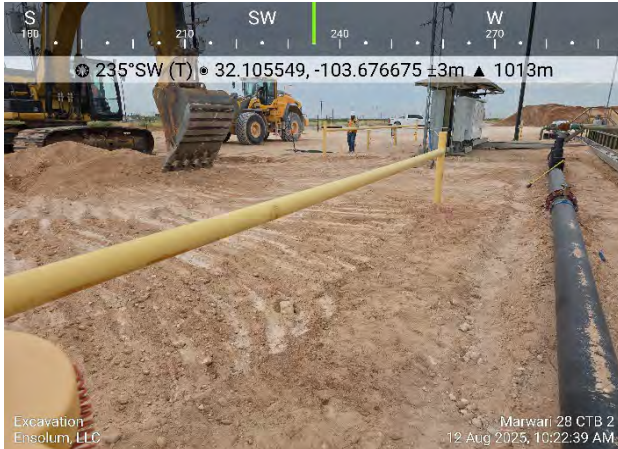
Photograph 20
Description: Excavation
View: South

Date: 8/11/2025



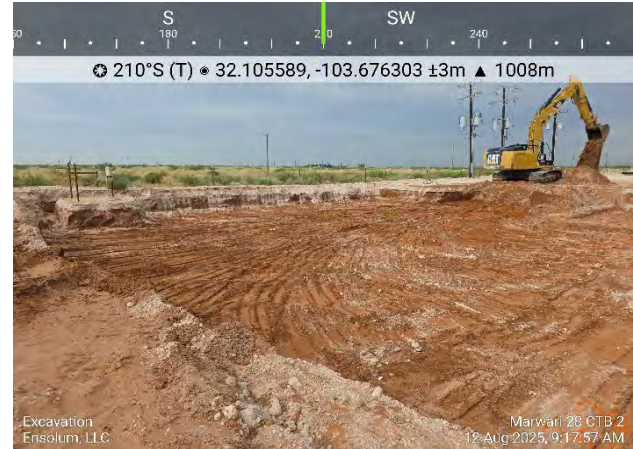
Photographic Log

Devon Energy Production Company, LP
Marwari 28 CTB 2
nAPP2506428775



Photograph 21
Description: Excavation
View: Southwest

Date: 8/12/2025



Photograph 22
Description: Excavation
View: Southwest

Date: 8/12/2025



Photograph 23
Description: PH10
View: West

Date: 8/12/2025



Photograph 24
Description: Excavation
View: East

Date: 8/13/2025



Photographic Log

Devon Energy Production Company, LP
Marwari 28 CTB 2
nAPP2506428775



Photograph 25
Description: PH02
View: Northwest

Date: 8/13/2025



Photograph 26
Description: Excavation
View: East

Date: 8/13/2025



Photograph 27
Description: Excavation
View: Northeast

Date: 8/13/2025



Photograph 28
Description: Excavation
View: North

Date: 8/13/2025



Photographic Log

Devon Energy Production Company, LP

Marwari 28 CTB 2

nAPP2506428775



Photograph 29

Date: 8/19/2025

Description: Liner Inspection

View: Northeast



Photograph 30

Date: 8/19/2025

Description: Liner Inspection

View: Northeast



Photograph 31

Date: 8/19/2025

Description: Liner Inspection

View: Southeast



Photograph 32

Date: 8/19/2025

Description: Liner Inspection

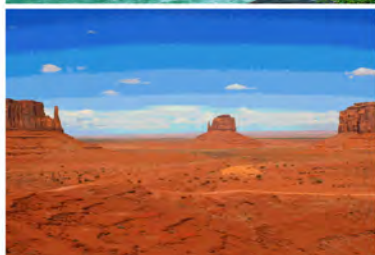
View: West



APPENDIX E

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: E503078

Job Number: 01058-0007

Received: 3/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/19/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/19/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E503078
Date Received: 3/13/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/13/2025 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
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 03/19/25 08:53
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E503078-01A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS02-0'	E503078-02A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS03-0'	E503078-03A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS04-0'	E503078-04A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS05-0'	E503078-05A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS06-0'	E503078-06A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS06-1'	E503078-07A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS07-0'	E503078-08A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS07-1'	E503078-09A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS08-0'	E503078-10A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS08-1'	E503078-11A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS09-0'	E503078-12A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS09-1'	E503078-13A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS10-0'	E503078-14A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS11-1'	E503078-15A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS11-0'	E503078-16A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS12-0'	E503078-17A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS13-0'	E503078-18A	Soil	03/11/25	03/13/25	Glass Jar, 2 oz.
SS13-1'	E503078-19A	Soil	03/11/25	03/13/25	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: 3/19/2025 8:53:28AM
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SS01-0'

E503078-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
<i>Surrogate: Bromofluorobenzene</i>		99.6 %	70-130	03/13/25	03/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.3 %	70-130	03/13/25	03/14/25	
<i>Surrogate: Toluene-d8</i>		99.8 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
<i>Surrogate: Bromofluorobenzene</i>		99.6 %	70-130	03/13/25	03/14/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		94.3 %	70-130	03/13/25	03/14/25	
<i>Surrogate: Toluene-d8</i>		99.8 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	100	5	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS02-0'

E503078-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		110 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	100	5	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS03-0'

E503078-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		102 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		102 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		112 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	176	100	5	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS04-0'

E503078-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		102 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	100	5	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS05-0'

E503078-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		104 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		104 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		104 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	100	5	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS06-0'

E503078-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		103 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS06-1'

E503078-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		108 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		108 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		103 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS07-0'

E503078-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		105 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	03/13/25	03/14/25	
Surrogate: Toluene-d8		105 %	70-130	03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		101 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS07-1'

E503078-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		104 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		104 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		104 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS08-0'

E503078-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		102 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS08-1'

E503078-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		108 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		108 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		104 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS09-0'

E503078-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		102 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS09-1'

E503078-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		103 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS10-0'

E503078-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		104 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		104 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		103 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS11-1'

E503078-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		102 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		101 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	25.9	20.0	1	03/13/25	03/13/25	



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:
3/19/2025 8:53:28AM

SS11-0'

E503078-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/14/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/14/25	
Toluene	ND	0.0250	1	03/13/25	03/14/25	
o-Xylene	ND	0.0250	1	03/13/25	03/14/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/14/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene	96.8 %	70-130		03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		03/13/25	03/14/25	
Surrogate: Toluene-d8	102 %	70-130		03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/14/25	
Surrogate: Bromofluorobenzene	96.8 %	70-130		03/13/25	03/14/25	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		03/13/25	03/14/25	
Surrogate: Toluene-d8	102 %	70-130		03/13/25	03/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane	100 %	61-141		03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/14/25	



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:
3/19/2025 8:53:28AM

SS12-0'

E503078-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		100 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		105 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		100 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		105 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/13/25	
Surrogate: n-Nonane		109 %	61-141	03/13/25	03/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/14/25	



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:
3/19/2025 8:53:28AM

SS13-0'

E503078-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		106 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/14/25	
Surrogate: n-Nonane		105 %	61-141	03/13/25	03/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/14/25	



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:
3/19/2025 8:53:28AM

SS13-1'

E503078-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Benzene	ND	0.0250	1	03/13/25	03/15/25	
Ethylbenzene	ND	0.0250	1	03/13/25	03/15/25	
Toluene	ND	0.0250	1	03/13/25	03/15/25	
o-Xylene	ND	0.0250	1	03/13/25	03/15/25	
p,m-Xylene	ND	0.0500	1	03/13/25	03/15/25	
Total Xylenes	ND	0.0250	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2511048
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/13/25	03/15/25	
Surrogate: Bromofluorobenzene		103 %	70-130	03/13/25	03/15/25	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	03/13/25	03/15/25	
Surrogate: Toluene-d8		107 %	70-130	03/13/25	03/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2511051
Diesel Range Organics (C10-C28)	ND	25.0	1	03/13/25	03/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/13/25	03/14/25	
Surrogate: n-Nonane		99.7 %	61-141	03/13/25	03/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2511059
Chloride	ND	20.0	1	03/13/25	03/14/25	



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	3/19/2025 8:53:28AM

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 (2511048-BLK1) Prepared: 03/13/25 Analyzed: 03/14/25

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	0.443		0.500		88.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.439		0.500		87.8	70-130			
Surrogate: Toluene-d8	0.464		0.500		92.7	70-130			

LCS (2511048-BS1) Prepared: 03/13/25 Analyzed: 03/14/25

Benzene	2.15	0.0250	2.50		86.1	70-130			
Ethylbenzene	2.30	0.0250	2.50		91.9	70-130			
Toluene	2.36	0.0250	2.50		94.4	70-130			
o-Xylene	2.35	0.0250	2.50		94.0	70-130			
p,m-Xylene	4.90	0.0500	5.00		98.1	70-130			
Total Xylenes	7.25	0.0250	7.50		96.7	70-130			
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike (2511048-MS1) Source: E503078-16 Prepared: 03/13/25 Analyzed: 03/14/25

Benzene	1.99	0.0250	2.50	ND	79.5	48-131			
Ethylbenzene	2.11	0.0250	2.50	ND	84.4	45-135			
Toluene	2.19	0.0250	2.50	ND	87.6	48-130			
o-Xylene	2.20	0.0250	2.50	ND	88.0	43-135			
p,m-Xylene	4.58	0.0500	5.00	ND	91.6	43-135			
Total Xylenes	6.78	0.0250	7.50	ND	90.4	43-135			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.504		0.500		101	70-130			

Matrix Spike Dup (2511048-MSD1) Source: E503078-16 Prepared: 03/13/25 Analyzed: 03/14/25

Benzene	2.01	0.0250	2.50	ND	80.5	48-131	1.25	23	
Ethylbenzene	2.16	0.0250	2.50	ND	86.4	45-135	2.34	27	
Toluene	2.25	0.0250	2.50	ND	90.1	48-130	2.77	24	
o-Xylene	2.24	0.0250	2.50	ND	89.7	43-135	1.89	27	
p,m-Xylene	4.63	0.0500	5.00	ND	92.5	43-135	1.01	27	
Total Xylenes	6.87	0.0250	7.50	ND	91.6	43-135	1.30	27	
Surrogate: Bromofluorobenzene	0.502		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.508		0.500		102	70-130			
Surrogate: Toluene-d8	0.525		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	3/19/2025 8:53:28AM

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 (2511048-BLK1)

Prepared: 03/13/25 Analyzed: 03/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.443		0.500		88.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.439		0.500		87.8	70-130			
Surrogate: Toluene-d8	0.464		0.500		92.7	70-130			

LCS (2511048-BS2)

Prepared: 03/13/25 Analyzed: 03/14/25

Gasoline Range Organics (C6-C10)	50.0	20.0	50.0		100	70-130			
Surrogate: Bromofluorobenzene	0.481		0.500		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

Matrix Spike (2511048-MS2)

Source: E503078-16

Prepared: 03/13/25 Analyzed: 03/14/25

Gasoline Range Organics (C6-C10)	49.8	20.0	50.0	ND	99.5	70-130			
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

Matrix Spike Dup (2511048-MSD2)

Source: E503078-16

Prepared: 03/13/25 Analyzed: 03/14/25

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0	ND	107	70-130	7.10	20	
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.534		0.500		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	3/19/2025 8:53:28AM

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 (2511051-BLK1)					Prepared: 03/13/25 Analyzed: 03/13/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.2		50.0		98.4	61-141			

LCS (2511051-BS1)					Prepared: 03/13/25 Analyzed: 03/13/25				
Diesel Range Organics (C10-C28)	220	25.0	250		87.8	66-144			
Surrogate: n-Nonane	51.7		50.0		103	61-141			

Matrix Spike (2511051-MS1)					Source: E503078-07		Prepared: 03/13/25 Analyzed: 03/13/25		
Diesel Range Organics (C10-C28)	220	25.0	250	ND	88.0	56-156			
Surrogate: n-Nonane	51.4		50.0		103	61-141			

Matrix Spike Dup (2511051-MSD1)					Source: E503078-07		Prepared: 03/13/25 Analyzed: 03/13/25		
Diesel Range Organics (C10-C28)	225	25.0	250	ND	89.8	56-156	2.05	20	
Surrogate: n-Nonane	51.5		50.0		103	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	3/19/2025 8:53:28AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2511059-BLK1)					Prepared: 03/13/25 Analyzed: 03/13/25				
Chloride	ND	20.0							
LCS (2511059-BS1)					Prepared: 03/13/25 Analyzed: 03/13/25				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2511059-MS1)					Source: E503078-05		Prepared: 03/13/25 Analyzed: 03/13/25		
Chloride	306	100	250	ND	122	80-120			M6
Matrix Spike Dup (2511059-MSD1)					Source: E503078-05		Prepared: 03/13/25 Analyzed: 03/13/25		
Chloride	309	100	250	ND	124	80-120	1.11	20	M6

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/19/25 08:53

- M6 Matrix spike recovery has a high bias. The native sample results were below the RL, but appears to have contributed to high MS recoveries.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



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>Marathon 28 CTB 2</u>					Address: 5315 Buena Vista Dr			<u>E503078</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@dyn.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 8011	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA			
															Compliance	Y	or	N		
															PWSID #					
															Remarks					
1104	3/11/25	Soil	1	SS01-0'		1						+								
1108				02-0'		2						+								
1019				03-0'		3						+								
1021				04-0'		4						+								
1116				05-0'		5						+								
1212				06-0'		6						+								
1438				06-1'		7						+								
1245				07-0'		8						+								
1444				07-1'		9						X								
1252				08-0'		10						X								
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dyn.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, jhinkle@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: <u>Jenna Hinkle</u>																				
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <u>Y</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>												
<u>Jenna Hinkle</u>		3/12/25	1045	<u>Michelle Gonzales</u>		3-12-25	1045													
<u>Michelle Gonzales</u>		3-12-25	1545	<u>Richard Gonzales</u>		3-12-25	1545													
<u>Richard Gonzales</u>		3-12-25	2145	<u>Noe Soto</u>		3-13-25	0800													
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>Mt. White 28 TB 2</u>				Address: 5315 Buena Vista Dr				E503078		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	SGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	Compliance	PWSID #		
1451	3/11/25	Soil	1	SS08-1'		11						+									
1257				04-0'		12						+									
1459				09-1'		13						+									
1302				10-0'		14						+									
1517				11-1'		15						+									
1306				11-0'		16						+									
				12-0'		17						x									
				13-0'		18						x									
				13-1'		19						+									
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, jhinkle@ensolum.com																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: Jenna Hinkle																					
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>													
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					



Envirotech Analytical Laboratory

Printed: 3/13/2025 10:03:47AM

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:	03/13/25 08:00	Work Order ID:	E503078
Phone:	(505) 382-1211	Date Logged In:	03/12/25 15:01	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/19/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

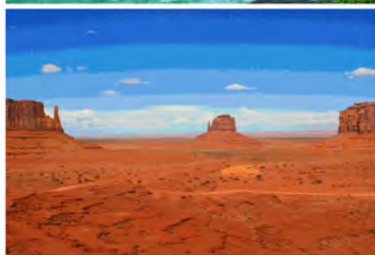
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E503192

Job Number: 01058-0007

Received: 3/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/27/25

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: 3/27/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E503192
Date Received: 3/24/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/24/2025 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
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 03/27/25 11:23
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
SS01-1'	E503192-01A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS02-1'	E503192-02A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS04-1'	E503192-03A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS03-1'	E503192-04A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS05-1'	E503192-05A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS10-1'	E503192-06A	Soil	03/20/25	03/24/25	Glass Jar, 2 oz.
SS12-1'	E503192-07A	Soil	03/20/25	03/24/25	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:
3/27/2025 11:23:31AM

SS01-1'

E503192-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.5 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2513012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	03/24/25	03/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2513020	
Chloride	ND	20.0	1	03/24/25	03/24/25	



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:
3/27/2025 11:23:31AM

SS02-1'

E503192-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.0 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2513012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>		99.8 %	61-141	03/24/25	03/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2513020	
Chloride	101	20.0	1	03/24/25	03/24/25	



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:
3/27/2025 11:23:31AM

SS04-1'

E503192-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.8 %	70-130		03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2513012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>						
	99.3 %	61-141		03/24/25	03/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2513020	
Chloride	37.8	20.0	1	03/24/25	03/24/25	



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:
3/27/2025 11:23:31AM

SS03-1'

E503192-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2513004
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2513004
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.9 %	70-130		03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2513012
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>						
	98.2 %	61-141		03/24/25	03/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2513020
Chloride	35.3	20.0	1	03/24/25	03/24/25	



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:
3/27/2025 11:23:31AM

SS05-1'

E503192-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.7 %	70-130		03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.7 %	70-130		03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2513012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>	98.1 %	61-141		03/24/25	03/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2513020	
Chloride	330	40.0	2	03/24/25	03/24/25	



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:
3/27/2025 11:23:31AM

SS10-1'

E503192-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.1 %	70-130		03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2513012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/24/25	
<i>Surrogate: n-Nonane</i>						
	97.7 %	61-141		03/24/25	03/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2513020	
Chloride	ND	20.0	1	03/24/25	03/24/25	



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:
3/27/2025 11:23:31AM

SS12-1'

E503192-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Benzene	ND	0.0250	1	03/24/25	03/24/25	
Ethylbenzene	ND	0.0250	1	03/24/25	03/24/25	
Toluene	ND	0.0250	1	03/24/25	03/24/25	
o-Xylene	ND	0.0250	1	03/24/25	03/24/25	
p,m-Xylene	ND	0.0500	1	03/24/25	03/24/25	
Total Xylenes	ND	0.0250	1	03/24/25	03/24/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2513004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/24/25	03/24/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.6 %	70-130		03/24/25	03/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2513012	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/24/25	03/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/24/25	03/25/25	
<i>Surrogate: n-Nonane</i>						
	96.1 %	61-141		03/24/25	03/25/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2513020	
Chloride	ND	20.0	1	03/24/25	03/24/25	



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	3/27/2025 11:23:31AM

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 (2513004-BLK1)

Prepared: 03/24/25 Analyzed: 03/24/25

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 (2513004-BS1)

Prepared: 03/24/25 Analyzed: 03/24/25

Benzene	4.03	0.0250	5.00		80.7	70-130			
Ethylbenzene	3.89	0.0250	5.00		77.8	70-130			
Toluene	3.99	0.0250	5.00		79.8	70-130			
o-Xylene	3.94	0.0250	5.00		78.8	70-130			
p,m-Xylene	7.85	0.0500	10.0		78.5	70-130			
Total Xylenes	11.8	0.0250	15.0		78.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			

Matrix Spike (2513004-MS1)

Source: E503190-03

Prepared: 03/24/25 Analyzed: 03/24/25

Benzene	4.58	0.0250	5.00	ND	91.7	70-130			
Ethylbenzene	4.42	0.0250	5.00	ND	88.4	70-130			
Toluene	4.53	0.0250	5.00	ND	90.6	70-130			
o-Xylene	4.45	0.0250	5.00	ND	89.0	70-130			
p,m-Xylene	8.89	0.0500	10.0	ND	88.9	70-130			
Total Xylenes	13.3	0.0250	15.0	ND	88.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			

Matrix Spike Dup (2513004-MSD1)

Source: E503190-03

Prepared: 03/24/25 Analyzed: 03/24/25

Benzene	4.87	0.0250	5.00	ND	97.4	70-130	6.12	27	
Ethylbenzene	4.69	0.0250	5.00	ND	93.9	70-130	6.01	26	
Toluene	4.81	0.0250	5.00	ND	96.2	70-130	5.96	20	
o-Xylene	4.69	0.0250	5.00	ND	93.8	70-130	5.23	25	
p,m-Xylene	9.41	0.0500	10.0	ND	94.1	70-130	5.73	23	
Total Xylenes	14.1	0.0250	15.0	ND	94.0	70-130	5.56	26	
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		98.0	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	3/27/2025 11:23:31AM

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 (2513004-BLK1) Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130			

LCS (2513004-BS2) Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	47.9	20.0	50.0		95.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.00		8.00		99.9	70-130			

Matrix Spike (2513004-MS2) Source: E503190-03 Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.8	70-130			

Matrix Spike Dup (2513004-MSD2) Source: E503190-03 Prepared: 03/24/25 Analyzed: 03/24/25

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130	7.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	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	3/27/2025 11:23:31AM

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 (2513012-BLK1)					Prepared: 03/24/25 Analyzed: 03/24/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.2		50.0		102	61-141			

LCS (2513012-BS1)					Prepared: 03/24/25 Analyzed: 03/24/25				
Diesel Range Organics (C10-C28)	286	25.0	250		114	66-144			
Surrogate: n-Nonane	53.0		50.0		106	61-141			

Matrix Spike (2513012-MS1)					Source: E503190-01		Prepared: 03/24/25 Analyzed: 03/24/25		
Diesel Range Organics (C10-C28)	275	25.0	250	ND	110	56-156			
Surrogate: n-Nonane	51.9		50.0		104	61-141			

Matrix Spike Dup (2513012-MSD1)					Source: E503190-01		Prepared: 03/24/25 Analyzed: 03/24/25		
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156	3.46	20	
Surrogate: n-Nonane	46.3		50.0		92.5	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	3/27/2025 11:23:31AM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2513020-BLK1)					Prepared: 03/24/25 Analyzed: 03/24/25				
Chloride	ND	20.0							
LCS (2513020-BS1)					Prepared: 03/24/25 Analyzed: 03/24/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2513020-MS1)					Source: E503192-03		Prepared: 03/24/25 Analyzed: 03/24/25		
Chloride	295	20.0	250	37.8	103	80-120			
Matrix Spike Dup (2513020-MSD1)					Source: E503192-03		Prepared: 03/24/25 Analyzed: 03/24/25		
Chloride	295	20.0	250	37.8	103	80-120	0.0630	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	03/27/25 11:23

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



Client Information				Invoice Information		Lab Use Only		TAT				State					
Client: Devon				Company: Devon Energy		Lab WO#		1D	2D	3D	Std	NM	CO	UT	TX		
Project: Marwari 28 CTB2				Address: 5315 Buena Vista Dr		E503192					X	X					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220		Job Number											
Address: 3122 National Parks Hwy				Phone: (575)689-7597		01058-0007											
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com													
Phone: 575-988-0055				Miscellaneous: Jim Raley													
Email: agiovengo@ensulum.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
112A	3/20/05	Soil	1	SS 01-1'		1						+					
1212				02-		2						+					
1248				04-		3						+					
1225				03-		4						+					
1343				05-		5						+					
1306				10-		6						+					
1313				12-		7						+					
Additional Instructions: Please CC: cburton@ensulum.com, agiovengo@ensulum.com, jim.raley@dvn.com, iestrella@ensulum.com, chamilton@ensulum.com, bsimmons@ensulum.com, jhinkle@ensulum.com																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																	
Sampled by: Jenna Hinkle																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																	
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																	
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	



Envirotech Analytical Laboratory

Printed: 3/24/2025 9:26:42AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	03/24/25 08:00	Work Order ID:	E503192
Phone:	(505) 382-1211	Date Logged In:	03/21/25 15:22	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	03/28/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E505052

Job Number: 01058-0007

Received: 5/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/12/25

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: 5/12/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E505052
Date Received: 5/6/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/6/2025 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
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 05/12/25 11:05
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH06-0'	E505052-01A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH06-1'	E505052-02A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH07-0'	E505052-03A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH07-1'	E505052-04A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH07-2'	E505052-05A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH07-3'	E505052-06A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH08-0'	E505052-07A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH08-1'	E505052-08A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH08-2'	E505052-09A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH09-0'	E505052-10A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH09-1'	E505052-11A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH09-2'	E505052-12A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH09-3'	E505052-13A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-0'	E505052-14A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-1'	E505052-15A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-2'	E505052-16A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-3'	E505052-17A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-4'	E505052-18A	Soil	05/02/25	05/06/25	Glass Jar, 2 oz.
BH10-6'	E505052-19A	Soil	05/02/25	05/06/25	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: 5/12/2025 11:05:03AM
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BH06-0'

E505052-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.2 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	102 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>	94.6 %	61-141		05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	61.2	40.0	2	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH06-1'

E505052-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.5 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	100 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
	94.7 %	61-141		05/06/25	05/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	22.7	20.0	1	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH07-0'

E505052-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.4 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	102 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>	98.7 %	61-141		05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	675	20.0	1	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH07-1'

E505052-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.6 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	105 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>	97.7 %	61-141		05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	8280	200	10	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH07-2'

E505052-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	8300	200	10	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH07-3'

E505052-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
		96.4 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	6170	100	5	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH08-0'

E505052-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		103 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
		100 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	1420	100	5	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH08-1'

E505052-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/06/25	
<i>Surrogate: n-Nonane</i>						
		95.4 %	61-141	05/06/25	05/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	1750	40.0	2	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH08-2'

E505052-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.7 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>						
	97.4 %	61-141		05/06/25	05/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	70.1	20.0	1	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH09-0'

E505052-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		05/06/25	05/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2519079
Chloride	4930	100	5	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH09-1'

E505052-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.4 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>						
	95.6 %	61-141		05/06/25	05/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2519079
Chloride	3090	40.0	2	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH09-2'

E505052-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.6 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	102 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>						
	94.1 %	61-141		05/06/25	05/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	2260	40.0	2	05/07/25	05/07/25	



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:
5/12/2025 11:05:03AM

BH09-3'

E505052-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.0 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	103 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>	94.1 %	61-141		05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	70.5	20.0	1	05/07/25	05/08/25	



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:
5/12/2025 11:05:03AM

BH10-0'

E505052-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	104 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	28.0	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>						
	98.5 %	61-141		05/06/25	05/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	1290	20.0	1	05/07/25	05/08/25	



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:
5/12/2025 11:05:03AM

BH10-1'

E505052-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		103 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>		95.4 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	856	20.0	1	05/07/25	05/08/25	



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:
5/12/2025 11:05:03AM

BH10-2'

E505052-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>						
		97.5 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2519079
Chloride	1780	40.0	2	05/07/25	05/08/25	



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:
5/12/2025 11:05:03AM

BH10-3'

E505052-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.6 %	70-130		05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>						
	95.5 %	61-141		05/06/25	05/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	4790	100	5	05/07/25	05/08/25	



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:
5/12/2025 11:05:03AM

BH10-4'
E505052-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519034
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2519034
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		102 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2519049
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>						
		92.0 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2519079
Chloride	5680	100	5	05/07/25	05/08/25	



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:
5/12/2025 11:05:03AM

BH10-6'

E505052-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Benzene	ND	0.0250	1	05/06/25	05/07/25	
Ethylbenzene	ND	0.0250	1	05/06/25	05/07/25	
Toluene	ND	0.0250	1	05/06/25	05/07/25	
o-Xylene	ND	0.0250	1	05/06/25	05/07/25	
p,m-Xylene	ND	0.0500	1	05/06/25	05/07/25	
Total Xylenes	ND	0.0250	1	05/06/25	05/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2519034	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/06/25	05/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		99.3 %	70-130	05/06/25	05/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2519049	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/06/25	05/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/06/25	05/07/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	05/06/25	05/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2519079	
Chloride	7940	200	10	05/07/25	05/08/25	



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	5/12/2025 11:05:03AM

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 (2519034-BLK1)

Prepared: 05/06/25 Analyzed: 05/07/25

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	7.83		8.00		97.8	70-130			

LCS (2519034-BS1)

Prepared: 05/06/25 Analyzed: 05/07/25

Benzene	3.81	0.0250	5.00		76.2	70-130			
Ethylbenzene	3.90	0.0250	5.00		77.9	70-130			
Toluene	3.90	0.0250	5.00		78.0	70-130			
o-Xylene	3.94	0.0250	5.00		78.9	70-130			
p,m-Xylene	7.83	0.0500	10.0		78.3	70-130			
Total Xylenes	11.8	0.0250	15.0		78.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			

Matrix Spike (2519034-MS1)

Source: E505052-04

Prepared: 05/06/25 Analyzed: 05/07/25

Benzene	3.72	0.0250	5.00	ND	74.4	70-130			
Ethylbenzene	3.82	0.0250	5.00	ND	76.3	70-130			
Toluene	3.80	0.0250	5.00	ND	76.0	70-130			
o-Xylene	3.83	0.0250	5.00	ND	76.6	70-130			
p,m-Xylene	7.66	0.0500	10.0	ND	76.6	70-130			
Total Xylenes	11.5	0.0250	15.0	ND	76.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			

Matrix Spike Dup (2519034-MSD1)

Source: E505052-04

Prepared: 05/06/25 Analyzed: 05/07/25

Benzene	3.67	0.0250	5.00	ND	73.4	70-130	1.30	27	
Ethylbenzene	3.76	0.0250	5.00	ND	75.1	70-130	1.60	26	
Toluene	3.76	0.0250	5.00	ND	75.2	70-130	1.14	20	
o-Xylene	3.83	0.0250	5.00	ND	76.5	70-130	0.144	25	
p,m-Xylene	7.56	0.0500	10.0	ND	75.6	70-130	1.29	23	
Total Xylenes	11.4	0.0250	15.0	ND	75.9	70-130	0.904	26	
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	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	5/12/2025 11:05:03AM

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 (2519034-BLK1) Prepared: 05/06/25 Analyzed: 05/07/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.37		8.00		105	70-130			

LCS (2519034-BS2) Prepared: 05/06/25 Analyzed: 05/07/25

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.45		8.00		106	70-130			

Matrix Spike (2519034-MS2) Source: E505052-04 Prepared: 05/06/25 Analyzed: 05/07/25

Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130			

Matrix Spike Dup (2519034-MSD2) Source: E505052-04 Prepared: 05/06/25 Analyzed: 05/07/25

Gasoline Range Organics (C6-C10)	40.8	20.0	50.0	ND	81.5	70-130	16.9	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.32		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	5/12/2025 11:05:03AM

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 (2519049-BLK1)					Prepared: 05/06/25 Analyzed: 05/06/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.3		50.0		92.5	61-141			

LCS (2519049-BS1)					Prepared: 05/06/25 Analyzed: 05/06/25				
Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144			
Surrogate: n-Nonane	47.5		50.0		94.9	61-141			

Matrix Spike (2519049-MS1)					Source: E505052-03		Prepared: 05/06/25 Analyzed: 05/06/25		
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	50.0		50.0		100	61-141			

Matrix Spike Dup (2519049-MSD1)					Source: E505052-03		Prepared: 05/06/25 Analyzed: 05/06/25		
Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	56-156	1.95	20	
Surrogate: n-Nonane	43.6		50.0		87.2	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	5/12/2025 11:05:03AM

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 (2519079-BLK1)					Prepared: 05/07/25 Analyzed: 05/07/25				
Chloride	ND	20.0							
LCS (2519079-BS1)					Prepared: 05/07/25 Analyzed: 05/07/25				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2519079-MS1)					Source: E505052-07		Prepared: 05/07/25 Analyzed: 05/07/25		
Chloride	1760	100	250	1420	136	80-120			M4
Matrix Spike Dup (2519079-MSD1)					Source: E505052-07		Prepared: 05/07/25 Analyzed: 05/07/25		
Chloride	1670	100	250	1420	101	80-120	5.15	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	05/12/25 11:05

- 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: <u>Marathon 28 CTB 2</u>				Address: 5315 Buena Vista Dr		<u>E505052</u>	<u>010580007</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/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
0950	5/5/25	Soil	1	BH06-0'		1								+		1.8		
1003				BH06-1'		2								+		2.3		
1141				BH07-0		3								+		2.1		
1145				↓ 07-1'		4								+		1.4		
1205				↓ 07-2'		5								+		1.8		
1346				↓ 07-3'		6								+		1.7		
1103				BH08-0'		7								+		2.3		
1115				↓ 08-1'		8								+		1.8		
1118				↓ 08-2'		9								+		3.3		
0946				BH09-0'		10								+		2.1		
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, ihinkle@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 Alowale 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: <input checked="" type="radio"/> Y <input type="radio"/> N										
<u>Jenna Hinkle</u>		<u>5/5/25</u>	<u>7:05</u>	<u>Michelle Gonzales</u>		<u>5-5-25</u>	<u>0705</u>											
<u>Michelle Gonzales</u>		<u>5-5-25</u>	<u>1430</u>	<u>Marissa Gonzales</u>		<u>5-5-25</u>	<u>1430</u>											
<u>Marissa Gonzales</u>		<u>5-5-25</u>	<u>1610</u>	<u>J. M.</u>		<u>5-5-25</u>	<u>1610</u>											
<u>J. M.</u>		<u>5-5-25</u>	<u>2230</u>	<u>Chiller MARS</u>		<u>5-6-25</u>	<u>800</u>											
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# E505052		Job Number 01058-007		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/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 3000	TCEQ 1005 - TX	RCRA 8 Metals	RGDOC - NM	RGDOC - TX	SDWA	CWA	RCRA	
0454	5/12/25	Soil	1	BH04-1'		11								+					
1000				BH04-2'		12								+					
1001				BH04-3'		13								+					
1046				BH10-0'		14								+					
1103				10-1'		15								+					
1105				10-2'		16								+					
1124				10-3'		17								+					
1126				10-4'		18								+					
1234				10-6'		19								+					
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, 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: Jenna Hinkle and Oluwale																			
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		5/5/25	7:05	Michelle Gonzales		5-5-25	0705												
Michelle Gonzales		5-5-25	1430	Marissa Gonzales		5-5-25	1430												
Marissa Gonzales		5-5-25	1610	Jalen J.		5-5-25	1610												
Jalen J.		5-5-25	2230	Caitlin Mann		5-6-25	800												
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: 5/6/2025 9:10:53AM

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:	05/06/25 08:00	Work Order ID:	E505052
Phone:	(505) 382-1211	Date Logged In:	05/05/25 17:20	Logged In By:	Noe Soto
Email:	agiovento@ensolum.com	Due Date:	05/12/25 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: E505292

Job Number: 01058-0007

Received: 5/28/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/3/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/3/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E505292
Date Received: 5/28/2025 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/28/2025 6:30:00AM, 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)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

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: 06/03/25 15:20
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH11-0'	E505292-01A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH11-0.5'	E505292-02A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH12-0'	E505292-03A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH12-0.5'	E505292-04A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH13-0'	E505292-05A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH13-0.5'	E505292-06A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH14-0'	E505292-07A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH15-0'	E505292-08A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH14-0.5'	E505292-09A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH15-2'	E505292-10A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH15-4'	E505292-11A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH15-5'	E505292-12A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH16-0'	E505292-13A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH16-0.5'	E505292-14A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH17-0'	E505292-15A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH17-0.5'	E505292-16A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH18-0'	E505292-17A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH18-0.5'	E505292-18A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH19-0'	E505292-19A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH19-0.5'	E505292-20A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH20-0'	E505292-21A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH20-0.5'	E505292-22A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH21-0'	E505292-23A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH21-0.5'	E505292-24A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH22-0'	E505292-25A	Soil	05/23/25	05/28/25	Glass Jar, 2 oz.
BH22-0.5'	E505292-26A	Soil	05/23/25	05/28/25	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:
6/3/2025 3:20:20PM

BH11-0'

E505292-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.6 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.3 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/29/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	05/29/25	05/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH11-0.5'

E505292-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.7 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		05/29/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH12-0'

E505292-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.4 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		05/29/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	61.1	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH12-0.5'

E505292-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.3 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.5 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		05/29/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH13-0'

E505292-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.8 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/29/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		05/29/25	05/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH13-0.5'

E505292-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/29/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/29/25	
Toluene	ND	0.0250	1	05/28/25	05/29/25	
o-Xylene	ND	0.0250	1	05/28/25	05/29/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/29/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.5 %	70-130		05/28/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.7 %	70-130		05/28/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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: 6/3/2025 3:20:20PM
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BH14-0'

E505292-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.3 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.3 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH15-0'

E505292-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.3 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.0 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	907	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH14-0.5'

E505292-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.0 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.5 %	70-130	05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH15-2'

E505292-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.2 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	3350	40.0	2	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH15-4'

E505292-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.3 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.6 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	481	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH15-5'

E505292-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	88.3 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.1 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	277	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH16-0'

E505292-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	89.2 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.3 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	90.8	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH16-0.5'

E505292-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.8 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	111 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	163	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH17-0'

E505292-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.6 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.8 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH17-0.5'

E505292-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.1 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.1 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH18-0'

E505292-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.4 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.9 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH18-0.5'

E505292-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.8 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.0 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH19-0'

E505292-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.2 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.4 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	115 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH19-0.5'

E505292-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2522039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522069	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	105 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2522058	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH20-0'

E505292-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.2 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.4 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2522065	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	85.5	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>	99.9 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2522057	
Chloride	178	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH20-0.5'

E505292-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Benzene	ND	0.0250	1	05/28/25	05/29/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/29/25	
Toluene	ND	0.0250	1	05/28/25	05/29/25	
o-Xylene	ND	0.0250	1	05/28/25	05/29/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/29/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		05/28/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.5 %	70-130		05/28/25	05/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522065	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	83.1	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522057	
Chloride	50.9	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH21-0'

E505292-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.2 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522065	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	65.2	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522057	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH21-0.5'

E505292-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.8 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.9 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522065	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	63.9	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	99.2 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522057	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH22-0'

E505292-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.1 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	97.7 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522065	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	55.7	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	99.1 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522057	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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:
6/3/2025 3:20:20PM

BH22-0.5'

E505292-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Benzene	ND	0.0250	1	05/28/25	05/30/25	
Ethylbenzene	ND	0.0250	1	05/28/25	05/30/25	
Toluene	ND	0.0250	1	05/28/25	05/30/25	
o-Xylene	ND	0.0250	1	05/28/25	05/30/25	
p,m-Xylene	ND	0.0500	1	05/28/25	05/30/25	
Total Xylenes	ND	0.0250	1	05/28/25	05/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2522040	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/28/25	05/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.2 %	70-130		05/28/25	05/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2522065	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/29/25	05/30/25	
Oil Range Organics (C28-C36)	54.6	50.0	1	05/29/25	05/30/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		05/29/25	05/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2522057	
Chloride	ND	20.0	1	05/28/25	05/29/25	



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	6/3/2025 3:20:20PM

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 (2522039-BLK1)

Prepared: 05/28/25 Analyzed: 05/29/25

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	7.29		8.00		91.1	70-130			

LCS (2522039-BS1)

Prepared: 05/28/25 Analyzed: 05/29/25

Benzene	5.24	0.0250	5.00		105	70-130			
Ethylbenzene	5.18	0.0250	5.00		104	70-130			
Toluene	5.22	0.0250	5.00		104	70-130			
o-Xylene	5.12	0.0250	5.00		102	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.6	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.6	70-130			

Matrix Spike (2522039-MS1)

Source: E505292-06

Prepared: 05/28/25 Analyzed: 05/29/25

Benzene	4.10	0.0250	5.00	ND	82.1	70-130			
Ethylbenzene	4.00	0.0250	5.00	ND	80.1	70-130			
Toluene	4.06	0.0250	5.00	ND	81.2	70-130			
o-Xylene	3.95	0.0250	5.00	ND	79.0	70-130			
p,m-Xylene	8.12	0.0500	10.0	ND	81.2	70-130			
Total Xylenes	12.1	0.0250	15.0	ND	80.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.1	70-130			

Matrix Spike Dup (2522039-MSD1)

Source: E505292-06

Prepared: 05/28/25 Analyzed: 05/29/25

Benzene	4.81	0.0250	5.00	ND	96.3	70-130	15.9	27	
Ethylbenzene	4.71	0.0250	5.00	ND	94.3	70-130	16.3	26	
Toluene	4.78	0.0250	5.00	ND	95.5	70-130	16.1	20	
o-Xylene	4.64	0.0250	5.00	ND	92.7	70-130	16.0	25	
p,m-Xylene	9.52	0.0500	10.0	ND	95.2	70-130	15.9	23	
Total Xylenes	14.2	0.0250	15.0	ND	94.4	70-130	15.9	26	
Surrogate: 4-Bromochlorobenzene-PID	6.94		8.00		86.8	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	6/3/2025 3:20:20PM

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 (2522040-BLK1)

Prepared: 05/28/25 Analyzed: 05/29/25

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 (2522040-BS1)

Prepared: 05/28/25 Analyzed: 05/29/25

Benzene	5.46	0.0250	5.00		109	70-130			
Ethylbenzene	5.40	0.0250	5.00		108	70-130			
Toluene	5.45	0.0250	5.00		109	70-130			
o-Xylene	5.31	0.0250	5.00		106	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.2	0.0250	15.0		108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.04		8.00		101	70-130			

Matrix Spike (2522040-MS1)

Source: E505292-22

Prepared: 05/28/25 Analyzed: 05/29/25

Benzene	5.54	0.0250	5.00	ND	111	70-130			
Ethylbenzene	5.46	0.0250	5.00	ND	109	70-130			
Toluene	5.52	0.0250	5.00	ND	110	70-130			
o-Xylene	5.38	0.0250	5.00	ND	108	70-130			
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130			
Total Xylenes	16.4	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.2	70-130			

Matrix Spike Dup (2522040-MSD1)

Source: E505292-22

Prepared: 05/28/25 Analyzed: 05/29/25

Benzene	4.98	0.0250	5.00	ND	99.6	70-130	10.6	27	
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	70-130	10.6	26	
Toluene	4.96	0.0250	5.00	ND	99.3	70-130	10.7	20	
o-Xylene	4.82	0.0250	5.00	ND	96.5	70-130	10.8	25	
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	70-130	10.4	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.1	70-130	10.6	26	
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.2	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	6/3/2025 3:20:20PM

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 (2522039-BLK1) Prepared: 05/28/25 Analyzed: 05/29/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			

LCS (2522039-BS2) Prepared: 05/28/25 Analyzed: 05/29/25

Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			

Matrix Spike (2522039-MS2) Source: E505292-06 Prepared: 05/28/25 Analyzed: 05/29/25

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			

Matrix Spike Dup (2522039-MSD2) Source: E505292-06 Prepared: 05/28/25 Analyzed: 05/30/25

Gasoline Range Organics (C6-C10)	44.7	20.0	50.0	ND	89.4	70-130	2.29	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.82		8.00		97.8	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	6/3/2025 3:20:20PM

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 (2522040-BLK1) Prepared: 05/28/25 Analyzed: 05/29/25

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

LCS (2522040-BS2) Prepared: 05/28/25 Analyzed: 05/29/25

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			

Matrix Spike (2522040-MS2) Source: E505292-22 Prepared: 05/28/25 Analyzed: 05/29/25

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.4	70-130			

Matrix Spike Dup (2522040-MSD2) Source: E505292-22 Prepared: 05/28/25 Analyzed: 05/29/25

Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.3	70-130	0.786	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.1	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	6/3/2025 3:20:20PM

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 (2522065-BLK1)					Prepared: 05/29/25 Analyzed: 05/29/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.5		50.0		107	61-141			

LCS (2522065-BS1)					Prepared: 05/29/25 Analyzed: 05/29/25				
Diesel Range Organics (C10-C28)	277	25.0	250		111	66-144			
Surrogate: n-Nonane	51.1		50.0		102	61-141			

Matrix Spike (2522065-MS1)					Source: E505281-02		Prepared: 05/29/25 Analyzed: 06/03/25		
Diesel Range Organics (C10-C28)	7200	500	250	7430	NR	56-156			M4
Surrogate: n-Nonane	84.3		50.0		169	61-141			S5

Matrix Spike Dup (2522065-MSD1)					Source: E505281-02		Prepared: 05/29/25 Analyzed: 06/03/25		
Diesel Range Organics (C10-C28)	7940	500	250	7430	204	56-156	9.79	20	M4
Surrogate: n-Nonane	88.5		50.0		177	61-141			S5



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	6/3/2025 3:20:20PM

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 (2522069-BLK1)					Prepared: 05/29/25 Analyzed: 05/29/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.2		50.0		106	61-141			

LCS (2522069-BS1)					Prepared: 05/29/25 Analyzed: 05/29/25				
Diesel Range Organics (C10-C28)	292	25.0	250		117	66-144			
Surrogate: n-Nonane	54.6		50.0		109	61-141			

Matrix Spike (2522069-MS1)					Source: E505292-01		Prepared: 05/29/25 Analyzed: 05/29/25		
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	56-156			
Surrogate: n-Nonane	52.2		50.0		104	61-141			

Matrix Spike Dup (2522069-MSD1)					Source: E505292-01		Prepared: 05/29/25 Analyzed: 05/29/25		
Diesel Range Organics (C10-C28)	286	25.0	250	ND	114	56-156	0.146	20	
Surrogate: n-Nonane	52.7		50.0		105	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	6/3/2025 3:20:20PM

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 (2522057-BLK1)					Prepared: 05/28/25 Analyzed: 05/29/25				
Chloride	ND	20.0							
LCS (2522057-BS1)					Prepared: 05/28/25 Analyzed: 05/29/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2522057-MS1)					Source: E505292-22		Prepared: 05/28/25 Analyzed: 05/29/25		
Chloride	304	20.0	250	50.9	101	80-120			
Matrix Spike Dup (2522057-MSD1)					Source: E505292-22		Prepared: 05/28/25 Analyzed: 05/29/25		
Chloride	305	20.0	250	50.9	102	80-120	0.357	20	



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	6/3/2025 3:20:20PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2522058-BLK1)					Prepared: 05/28/25 Analyzed: 05/29/25				
Chloride	ND	20.0							
LCS (2522058-BS1)					Prepared: 05/28/25 Analyzed: 05/29/25				
Chloride	261	20.0	250		104	90-110			
Matrix Spike (2522058-MS1)					Source: E505292-04		Prepared: 05/28/25 Analyzed: 05/29/25		
Chloride	276	20.0	250	ND	110	80-120			
Matrix Spike Dup (2522058-MSD1)					Source: E505292-04		Prepared: 05/28/25 Analyzed: 05/29/25		
Chloride	275	20.0	250	ND	110	80-120	0.419	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	06/03/25 15:20

- 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.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- 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				E505292		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@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/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			
1048	5/23/25	Soil	1	BH11-0'		1															
1056				BH11-0.5'		2															
1052				BH12-0'		3															
1056				BH12-0.5'		4															
1125				BH13-0'		5															
1127				BH13-0.5'		6															
1133				BH14-0'		7															
1043				BH15-0'		8															
1133				BH14-0.5'		9															
1320				BH15-2'		10															
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, 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: 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: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N									
Jenna Hinkle		5/27/25		7:00		Michelle Gonzalez		5-27-25		0700											
Michelle Gonzalez		5-27-25		1700		Richard Gonzalez		5-27-25		1700											
Richard Gonzalez		5-27-25		23:30		Curtis Mann		5-28-25		0830											
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# E505292				Job Number 01058-0007				1D 2D 3D Std x x x x			
Project: Marwari 28 CTB 2				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@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	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1351	5/23/2025	Soil	1	BH15-4'		11													
1353				BH15-5'		12													
1058				BH16-0'		13													
1100				BH16-0.5'		14													
1120				BH17-0'		15													
1122				BH17-0.5'		16													
1136				BH18-0'		17													
1138				BH18-0.5'		18													
1038				BH19-0'		19													
1040				BH19-0.5'		20													
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, 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: 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		5/27/25		7:00		Michelle Gonzales		5-27-25		0700									
Michelle Gonzales		5-27-25		1700		Richard Gonzales		5-27-25		1700									
Richard Gonzales		5-27-25		23:30		Caitlin Mar		5-28-25		1630									
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# E500292		Job Number 010580007		1D	2D	3D	Std	NM	CO	UT	TX			
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr										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	
1104	5/23/25	Soil	1	BH20-0'			21													
1106				BH20-0.5'			22													
1116				BH21-0'			23													
1117				BH21-0.5'			24													
1141				BH22-0'			25													
1143				BH22-0.5'			26													
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: 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: <input checked="" type="radio"/> Y / <input type="radio"/> N								
Jenna Hinkle		5/27/25		7:00		Michelle Gonzales		5-27-25		0700										
Michelle Gonzales		5-27-25		1700		Richard Gonzales		5-27-25		1700										
Richard Gonzales		5-27-25		23:30		Cristina Mann		5-28-25		1630										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																				
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																				

Envirotech Analytical Laboratory

Printed: 5/28/2025 8:10:01AM

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:	05/28/25 06:30	Work Order ID:	E505292
Phone:	(505) 382-1211	Date Logged In:	05/27/25 15:37	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	06/03/25 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

Carrier: Courier

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

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 InstructionComments/Resolution

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

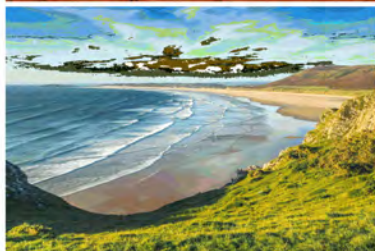
Date



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: E506147

Job Number: 01058-0007

Received: 6/18/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/24/25

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: 6/24/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E506147
Date Received: 6/18/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/18/2025 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
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)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/24/25 09:02

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS20-0'	E506147-01A	Soil	06/16/25	06/18/25	Glass Jar, 2 oz.
SS20-1'	E506147-02A	Soil	06/16/25	06/18/25	Glass Jar, 2 oz.
SS21-0'	E506147-03A	Soil	06/16/25	06/18/25	Glass Jar, 2 oz.
SS21-1'	E506147-04A	Soil	06/16/25	06/18/25	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:
6/24/2025 9:02:13AM

SS20-0'

E506147-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2525061	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.4 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2525061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.6 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525075	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/20/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	06/19/25	06/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2525080	
Chloride	ND	20.0	1	06/19/25	06/19/25	



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:
6/24/2025 9:02:13AM

SS20-1'

E506147-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2525061	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.6 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2525061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.8 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525075	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2525080	
Chloride	27.9	20.0	1	06/19/25	06/19/25	



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:
6/24/2025 9:02:13AM

SS21-0'

E506147-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2525061	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.7 %	70-130		06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2525061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.4 %	70-130		06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525075	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
<i>Surrogate: n-Nonane</i>	97.5 %	61-141		06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2525080	
Chloride	276	20.0	1	06/19/25	06/19/25	



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:
6/24/2025 9:02:13AM

SS21-1'

E506147-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2525061	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.9 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2525061	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525075	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
<i>Surrogate: n-Nonane</i>		112 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2525080	
Chloride	106	20.0	1	06/19/25	06/19/25	



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	6/24/2025 9:02:13AM

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 (2525061-BLK1)

Prepared: 06/18/25 Analyzed: 06/19/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.02		8.00		87.8	70-130			

LCS (2525061-BS1)

Prepared: 06/18/25 Analyzed: 06/18/25

Benzene	5.11	0.0250	5.00		102	70-130			
Ethylbenzene	5.02	0.0250	5.00		100	70-130			
Toluene	5.09	0.0250	5.00		102	70-130			
o-Xylene	5.01	0.0250	5.00		100	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.88		8.00		86.0	70-130			

Matrix Spike (2525061-MS1)

Source: E506148-02

Prepared: 06/18/25 Analyzed: 06/18/25

Benzene	5.66	0.0250	5.00	ND	113	70-130			
Ethylbenzene	5.55	0.0250	5.00	ND	111	70-130			
Toluene	5.62	0.0250	5.00	ND	112	70-130			
o-Xylene	5.50	0.0250	5.00	ND	110	70-130			
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130			
Total Xylenes	16.7	0.0250	15.0	ND	111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.02		8.00		87.7	70-130			

Matrix Spike Dup (2525061-MSD1)

Source: E506148-02

Prepared: 06/18/25 Analyzed: 06/18/25

Benzene	5.62	0.0250	5.00	ND	112	70-130	0.665	27	
Ethylbenzene	5.53	0.0250	5.00	ND	111	70-130	0.489	26	
Toluene	5.60	0.0250	5.00	ND	112	70-130	0.463	20	
o-Xylene	5.45	0.0250	5.00	ND	109	70-130	0.832	25	
p,m-Xylene	11.1	0.0500	10.0	ND	111	70-130	0.532	23	
Total Xylenes	16.6	0.0250	15.0	ND	111	70-130	0.631	26	
Surrogate: 4-Bromochlorobenzene-PID	6.94		8.00		86.7	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	6/24/2025 9:02:13AM

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 (2525061-BLK1) Prepared: 06/18/25 Analyzed: 06/19/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			

LCS (2525061-BS2) Prepared: 06/18/25 Analyzed: 06/18/25

Gasoline Range Organics (C6-C10)	44.7	20.0	50.0		89.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			

Matrix Spike (2525061-MS2) Source: E506148-02 Prepared: 06/18/25 Analyzed: 06/18/25

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.57		8.00		94.6	70-130			

Matrix Spike Dup (2525061-MSD2) Source: E506148-02 Prepared: 06/18/25 Analyzed: 06/18/25

Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.3	70-130	3.30	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.8	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	6/24/2025 9:02:13AM

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 (2525075-BLK1) Prepared: 06/19/25 Analyzed: 06/20/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.0		50.0		97.9	61-141			

LCS (2525075-BS1) Prepared: 06/19/25 Analyzed: 06/20/25

Diesel Range Organics (C10-C28)	246	25.0	250		98.3	66-144			
Surrogate: n-Nonane	48.9		50.0		97.8	61-141			

Matrix Spike (2525075-MS1) Source: E506146-08 Prepared: 06/19/25 Analyzed: 06/20/25

Diesel Range Organics (C10-C28)	260	25.0	250	ND	104	56-156			
Surrogate: n-Nonane	52.6		50.0		105	61-141			

Matrix Spike Dup (2525075-MSD1) Source: E506146-08 Prepared: 06/19/25 Analyzed: 06/20/25

Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	56-156	2.74	20	
Surrogate: n-Nonane	53.5		50.0		107	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	6/24/2025 9:02:13AM

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 (2525080-BLK1)					Prepared: 06/19/25 Analyzed: 06/19/25				
Chloride	ND	20.0							
LCS (2525080-BS1)					Prepared: 06/19/25 Analyzed: 06/19/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2525080-MS1)					Source: E506158-02		Prepared: 06/19/25 Analyzed: 06/19/25		
Chloride	252	20.0	250	ND	101	80-120			
Matrix Spike Dup (2525080-MSD1)					Source: E506158-02		Prepared: 06/19/25 Analyzed: 06/19/25		
Chloride	252	20.0	250	ND	101	80-120	0.0783	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	06/24/25 09:02

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



Chain of Custody

W0# 21530990

Page 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT				State							
Client: Devon				Company: Devon Energy		Lab WQ#		1D 2D 3D Std				NM CO UT TX							
Project: <u>Marmar 2 RCTB 2</u>				Address: 5315 Buena Vista Dr		E500147		Job Number				0058007							
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	TCED 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
9:39	6/16/2025	S	1	SS20 - 0'		1								X					
9:43	6/16/2025	S	1	SS20 - 1'		2								X					
11:03	6/16/2025	S	1	SS21 - 0'		3								X					
11:05	6/16/2025	S	1	SS20 - 1' SS21 - 1'		4								X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, igonzalez@ensolum.com, ihinkle@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>Jarad McCauley</u> <u>892 Jenna H. O'Neil</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>Jenna H. O'Neil</u>				6-17-25		1730		<u>Michelle Gonzales</u>				6-17-25		0711					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
<u>Michelle Gonzales</u>				6-17-25		1730		<u>Richard Gonzalez</u>				6-17-25		1730					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
<u>Richard Gonzalez</u>				6-17-25		2245		<u>Carli Han</u>				6-18-25		700					
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 WQ#				1D 2D 3D Std				NM CO UT TX											
Project: <u>Mammoth: 28 CTB 2</u>				Address: 5315 Buena Vista Dr				<u>E500047</u>				<u>01058-007</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@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/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								
9:39	6/16/2025	S	1	SS20 - 0'			1								X												
9:43	6/16/2025	S	1	SS20 - 1'			2								X												
11:03	6/16/2025	S	1	SS21 - 0'			3								X												
11:05	6/16/2025	S	1	SS20 - 1'			4								X												
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jmccauley@ensolum.com, akone@ensolum.com, igonzalez@ensolum.com, ihinkle@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>Jared McCauley</u> <u>and Jenna Hinkle</u>																											
Relinquished by: (Signature) <u>Jenna Hinkle</u>				Date	Time	Received by: (Signature) <u>Michelle Gonzales</u>				Date	Time	<div> <div>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.</div> <div>Lab Use Only</div> <div>Received on ice: <u>(Y)</u>N</div> </div>															
Relinquished by: (Signature) <u>Michelle Gonzales</u>				Date	Time	Received by: (Signature) <u>Richard Gonzalez</u>				Date	Time																
Relinquished by: (Signature) <u>Richard Gonzalez</u>				Date	Time	Received by: (Signature) <u>Christina</u>				Date	Time																
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time																
Relinquished by: (Signature)				Date	Time	Received by: (Signature)				Date	Time																
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																											
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																											
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																											

Envirotech Analytical Laboratory

Printed: 6/18/2025 9:29:32AM

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:	06/18/25 07:00	Work Order ID:	E506147
Phone:	(505) 382-1211	Date Logged In:	06/17/25 16:03	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	06/24/25 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

Carrier: Courier

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

Comments/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: E506162

Job Number: 01058-0007

Received: 6/20/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/30/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/30/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E506162
Date Received: 6/20/2025 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/20/2025 6:30:00AM, 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)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 06/30/25 11:28
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
SS22-0'	E506162-01A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
SS22-1'	E506162-02A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
BH23-0'	E506162-03A	Soil	06/18/25	06/20/25	Glass Jar, 2 oz.
BH23-1'	E506162-04A	Soil	06/18/25	06/20/25	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: 6/30/2025 11:28:25AM
---	--	--

SS22-0'

E506162-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525099	
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	94.4 %	70-130		06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	85.9 %	70-130		06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2525107	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/24/25	
<i>Surrogate: n-Nonane</i>	130 %	61-141		06/20/25	06/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2525102	
Chloride	ND	20.0	1	06/20/25	06/20/25	



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:
6/30/2025 11:28:25AM

SS22-1'

E506162-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2525099	
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2525099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.2 %	70-130		06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2525107	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/24/25	
<i>Surrogate: n-Nonane</i>						
	131 %	61-141		06/20/25	06/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2525102	
Chloride	50.2	20.0	1	06/20/25	06/20/25	



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:
6/30/2025 11:28:25AM

BH23-0'

E506162-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2525099	
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2525099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2525107	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/24/25	
<i>Surrogate: n-Nonane</i>						
	121 %	61-141		06/20/25	06/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2525102	
Chloride	282	20.0	1	06/20/25	06/20/25	



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:
6/30/2025 11:28:25AM

BH23-1'

E506162-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2525099	
Benzene	ND	0.0250	1	06/20/25	06/21/25	
Ethylbenzene	ND	0.0250	1	06/20/25	06/21/25	
Toluene	ND	0.0250	1	06/20/25	06/21/25	
o-Xylene	ND	0.0250	1	06/20/25	06/21/25	
p,m-Xylene	ND	0.0500	1	06/20/25	06/21/25	
Total Xylenes	ND	0.0250	1	06/20/25	06/21/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2525099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/20/25	06/21/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		06/20/25	06/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2525107	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/20/25	06/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/20/25	06/24/25	
<i>Surrogate: n-Nonane</i>						
	125 %	61-141		06/20/25	06/24/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2525102	
Chloride	212	20.0	1	06/20/25	06/20/25	



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	6/30/2025 11:28:25AM

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 (2525099-BLK1)

Prepared: 06/20/25 Analyzed: 06/21/25

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	7.75		8.00		96.9	70-130			

LCS (2525099-BS1)

Prepared: 06/20/25 Analyzed: 06/21/25

Benzene	5.19	0.0250	5.00		104	70-130			
Ethylbenzene	5.06	0.0250	5.00		101	70-130			
Toluene	5.13	0.0250	5.00		103	70-130			
o-Xylene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.2	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		96.9	70-130			

Matrix Spike (2525099-MS1)

Source: E506160-10

Prepared: 06/20/25 Analyzed: 06/21/25

Benzene	5.16	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.03	0.0250	5.00	ND	101	70-130			
Toluene	5.24	0.0250	5.00	0.104	103	70-130			
o-Xylene	5.12	0.0250	5.00	0.0336	102	70-130			
p,m-Xylene	10.2	0.0500	10.0	0.127	101	70-130			
Total Xylenes	15.4	0.0250	15.0	0.161	101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00		97.9	70-130			

Matrix Spike Dup (2525099-MSD1)

Source: E506160-10

Prepared: 06/20/25 Analyzed: 06/21/25

Benzene	5.04	0.0250	5.00	ND	101	70-130	2.30	27	
Ethylbenzene	4.95	0.0250	5.00	ND	99.0	70-130	1.53	26	
Toluene	5.15	0.0250	5.00	0.104	101	70-130	1.69	20	
o-Xylene	5.03	0.0250	5.00	0.0336	100	70-130	1.74	25	
p,m-Xylene	10.1	0.0500	10.0	0.127	100	70-130	0.992	23	
Total Xylenes	15.2	0.0250	15.0	0.161	100	70-130	1.24	26	
Surrogate: 4-Bromochlorobenzene-PID	7.80		8.00		97.5	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	6/30/2025 11:28:25AM

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 (2525099-BLK1) Prepared: 06/20/25 Analyzed: 06/21/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.2	70-130			

LCS (2525099-BS2) Prepared: 06/20/25 Analyzed: 06/21/25

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.11		8.00		88.9	70-130			

Matrix Spike (2525099-MS2) Source: E506160-10 Prepared: 06/20/25 Analyzed: 06/21/25

Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

Matrix Spike Dup (2525099-MSD2) Source: E506160-10 Prepared: 06/20/25 Analyzed: 06/21/25

Gasoline Range Organics (C6-C10)	49.2	20.0	50.0	ND	98.5	70-130	2.93	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	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	6/30/2025 11:28:25AM

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 (2525107-BLK1)					Prepared: 06/20/25 Analyzed: 06/23/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.6		50.0		117	61-141			

LCS (2525107-BS1)					Prepared: 06/20/25 Analyzed: 06/23/25				
Diesel Range Organics (C10-C28)	291	25.0	250		116	66-144			
Surrogate: n-Nonane	59.4		50.0		119	61-141			

Matrix Spike (2525107-MS1)				Source: E506160-04		Prepared: 06/20/25 Analyzed: 06/23/25			
Diesel Range Organics (C10-C28)	901	25.0	250	668	93.0	56-156			
Surrogate: n-Nonane	137		50.0		273	61-141			S5

Matrix Spike Dup (2525107-MSD1)				Source: E506160-04		Prepared: 06/20/25 Analyzed: 06/23/25			
Diesel Range Organics (C10-C28)	982	25.0	250	668	126	56-156	8.65	20	
Surrogate: n-Nonane	150		50.0		301	61-141			S5



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	6/30/2025 11:28:25AM

Anions by EPA 300.0/9056A

Analyst: JM

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 (2525102-BLK1)					Prepared: 06/20/25 Analyzed: 06/20/25				
Chloride	ND	20.0							
LCS (2525102-BS1)					Prepared: 06/20/25 Analyzed: 06/20/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2525102-MS1)					Source: E506167-01		Prepared: 06/20/25 Analyzed: 06/20/25		
Chloride	876	20.0	250	618	103	80-120			
Matrix Spike Dup (2525102-MSD1)					Source: E506167-01		Prepared: 06/20/25 Analyzed: 06/20/25		
Chloride	984	20.0	250	618	146	80-120	11.7	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	06/30/25 11:28

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- 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: 6/20/2025 7:48:08AM

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:	06/20/25 06:30	Work Order ID:	E506162
Phone:	(505) 382-1211	Date Logged In:	06/19/25 12:57	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	06/26/25 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.



Chain of Custody

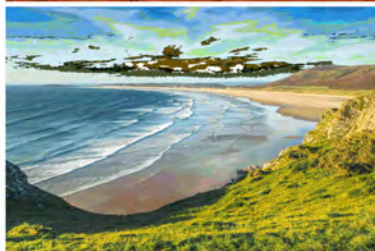
WO# 21530990

Page 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT				State											
Client: Devon				Company: Devon Energy		Lab WO# E506162		Job Number 01058-0007				<table border="1"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Std</td> </tr> <tr> <td></td> <td></td> <td></td> <td>x</td> </tr> </table>				1D	2D	3D	Std				x
1D	2D	3D	Std																				
			x																				
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr								<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>TX</td> </tr> <tr> <td>x</td> <td></td> <td></td> <td></td> </tr> </table>				NM	CO	UT	TX	x			
NM	CO	UT	TX																				
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	TCFQ 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA					
1118	6/19/25	Soil	1	SS23-0'SS22-0'		1								+		1.0			Corrected				
1121	↓	↓	↓	SS23-1'SS22-1'		2								+		3.3			Sample				
1013	↓	↓	↓	BH23-0'		3								+		1.1			nameo per				
1015	↓	↓	↓	BH23-1'		4								+		2.9			C. Burton				
																			6/30/25 CMC				
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, jmccauley@ensolum.com, gsanchez@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: Jenn 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: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N							
Jenn Hinkle				6/19/25		7:00		Camden Briggs				6-19-25		1030									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time									
Camden Briggs				6-19-25		1130		Camden Briggs				6-19-25		1745									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time									
Camden Briggs				6-20-25		0045		Camden Briggs				6-20-25		1030									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time									
Camden Briggs				6-20-25		0045		Camden Briggs				6-20-25		1030									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time									
Camden Briggs				6-20-25		0045		Camden Briggs				6-20-25		1030									
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.																							

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
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)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	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	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	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	
<i>Surrogate: n-Nonane</i>	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.



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: 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: 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: 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
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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

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

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	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	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	
<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>						
	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

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

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

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: 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 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	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@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			
1039				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, 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		8/7/2025		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#		1D 2D 3D Std		NM CO UT TX									
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr		E508082		Job Number		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	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.			
Jenna Hinkle		8/7/2025	7:00	Michelle Gonzales		8-7-25	0700	Michelle Gonzales		8-7-25	1245	Michelle Gonzales		8-7-25	1245				
Michelle Gonzales		8-7-25	1245	Michelle Gonzales		8-7-25	1245	Michelle Gonzales		8-7-25	1245	Michelle Gonzales		8-7-25	1245				
Michelle Gonzales		8-7-25	1600	Andreya Musso		8.7.25	1600	Andreya Musso		8.7.25	1600	Andreya Musso		8.7.25	1600				
Andreya Musso		8.7.25	2000	Caitlynn Maw		8.8.25	800	Caitlynn Maw		8.8.25	800	Caitlynn Maw		8.8.25	800	Lab Use Only			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	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: 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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Marwari 28 CTB 2

Work Order: E508111

Job Number: 01058-0007

Received: 8/12/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/13/25

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: 8/13/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E508111
Date Received: 8/12/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/12/2025 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

Field Offices:

Southern New Mexico Area

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

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

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: 08/13/25 15:58
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS86-2'	E508111-01A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS87-2'	E508111-02A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS88-2'	E508111-03A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS89-2'	E508111-04A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS90-2'	E508111-05A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS91-2'	E508111-06A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS99-2'	E508111-07A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS100-2'	E508111-08A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS103-2'	E508111-09A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS104-2'	E508111-10A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS105-2'	E508111-11A	Soil	08/08/25	08/12/25	Glass Jar, 2 oz.
FS106-2'	E508111-12A	Soil	08/08/25	08/12/25	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:
8/13/2025 3:58:38PM

FS86-2'

E508111-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.5 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.2 %	70-130	08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2533032	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>		117 %	61-141	08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2533029	
Chloride	139	20.0	1	08/12/25	08/12/25	



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:
8/13/2025 3:58:38PM

FS87-2'

E508111-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.9 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.2 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533032	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>						
	117 %	61-141		08/12/25	08/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533029	
Chloride	43.8	20.0	1	08/12/25	08/12/25	



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:
8/13/2025 3:58:38PM

FS88-2'

E508111-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.8 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533032	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>						
	118 %	61-141		08/12/25	08/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533029	
Chloride	106	20.0	1	08/12/25	08/12/25	



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:
8/13/2025 3:58:38PM

FS89-2'

E508111-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533032	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>						
	128 %	61-141		08/12/25	08/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533029	
Chloride	458	20.0	1	08/12/25	08/12/25	



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:
8/13/2025 3:58:38PM

FS90-2'

E508111-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.5 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533032	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>						
	122 %	61-141		08/12/25	08/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533029	
Chloride	113	20.0	1	08/12/25	08/12/25	



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:
8/13/2025 3:58:38PM

FS91-2'

E508111-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.5 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533032	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>						
	124 %	61-141		08/12/25	08/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533029	
Chloride	199	20.0	1	08/12/25	08/12/25	



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:
8/13/2025 3:58:38PM

FS99-2'

E508111-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.6 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533032	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>						
	124 %	61-141		08/12/25	08/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533029	
Chloride	157	20.0	1	08/12/25	08/12/25	



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:
8/13/2025 3:58:38PM

FS100-2'

E508111-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.4 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>						
	120 %	61-141		08/12/25	08/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2533029
Chloride	326	20.0	1	08/12/25	08/12/25	



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:
8/13/2025 3:58:38PM

FS103-2'

E508111-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	83.6 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.4 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2533032	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>	117 %	61-141		08/12/25	08/12/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2533029	
Chloride	166	20.0	1	08/12/25	08/12/25	



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:
8/13/2025 3:58:38PM

FS104-2'

E508111-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.6 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533032	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>						
	118 %	61-141		08/12/25	08/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533029	
Chloride	182	20.0	1	08/12/25	08/12/25	



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:
8/13/2025 3:58:38PM

FS105-2'

E508111-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.4 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533041	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533032	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>						
	113 %	61-141		08/12/25	08/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533029	
Chloride	124	20.0	1	08/12/25	08/12/25	



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:
8/13/2025 3:58:38PM

FS106-2'

E508111-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2533041
Benzene	ND	0.0250	1	08/12/25	08/12/25	
Ethylbenzene	ND	0.0250	1	08/12/25	08/12/25	
Toluene	ND	0.0250	1	08/12/25	08/12/25	
o-Xylene	ND	0.0250	1	08/12/25	08/12/25	
p,m-Xylene	ND	0.0500	1	08/12/25	08/12/25	
Total Xylenes	ND	0.0250	1	08/12/25	08/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.3 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2533041
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/25	08/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.4 %	70-130		08/12/25	08/12/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2533032
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/25	08/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/25	08/12/25	
<i>Surrogate: n-Nonane</i>						
	114 %	61-141		08/12/25	08/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2533029
Chloride	350	20.0	1	08/12/25	08/12/25	



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	8/13/2025 3:58:38PM

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 (2533041-BLK1)

Prepared: 08/12/25 Analyzed: 08/12/25

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	6.72		8.00		84.0	70-130			

LCS (2533041-BS1)

Prepared: 08/12/25 Analyzed: 08/12/25

Benzene	4.49	0.0250	5.00		89.9	70-130			
Ethylbenzene	4.35	0.0250	5.00		87.0	70-130			
Toluene	4.45	0.0250	5.00		89.0	70-130			
o-Xylene	4.42	0.0250	5.00		88.4	70-130			
p,m-Xylene	8.85	0.0500	10.0		88.5	70-130			
Total Xylenes	13.3	0.0250	15.0		88.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.88		8.00		85.9	70-130			

Matrix Spike (2533041-MS1)

Source: E508111-03

Prepared: 08/12/25 Analyzed: 08/12/25

Benzene	4.60	0.0250	5.00	ND	92.0	70-130			
Ethylbenzene	4.43	0.0250	5.00	ND	88.5	70-130			
Toluene	4.54	0.0250	5.00	ND	90.9	70-130			
o-Xylene	4.51	0.0250	5.00	ND	90.3	70-130			
p,m-Xylene	9.02	0.0500	10.0	ND	90.2	70-130			
Total Xylenes	13.5	0.0250	15.0	ND	90.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.96		8.00		87.0	70-130			

Matrix Spike Dup (2533041-MSD1)

Source: E508111-03

Prepared: 08/12/25 Analyzed: 08/12/25

Benzene	5.52	0.0250	5.00	ND	110	70-130	18.1	27	
Ethylbenzene	5.38	0.0250	5.00	ND	108	70-130	19.5	26	
Toluene	5.47	0.0250	5.00	ND	109	70-130	18.5	20	
o-Xylene	5.34	0.0250	5.00	ND	107	70-130	16.8	25	
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130	18.9	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	18.2	26	
Surrogate: 4-Bromochlorobenzene-PID	6.96		8.00		87.0	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	8/13/2025 3:58:38PM

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 (2533041-BLK1) Prepared: 08/12/25 Analyzed: 08/12/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.8	70-130			

LCS (2533041-BS2) Prepared: 08/12/25 Analyzed: 08/12/25

Gasoline Range Organics (C6-C10)	43.2	20.0	50.0		86.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

Matrix Spike (2533041-MS2) Source: E508111-03 Prepared: 08/12/25 Analyzed: 08/12/25

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

Matrix Spike Dup (2533041-MSD2) Source: E508111-03 Prepared: 08/12/25 Analyzed: 08/12/25

Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.1	70-130	8.63	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	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	8/13/2025 3:58:38PM

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 (2533032-BLK1)					Prepared: 08/12/25 Analyzed: 08/12/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.2		50.0		116	61-141			

LCS (2533032-BS1)					Prepared: 08/12/25 Analyzed: 08/12/25				
Diesel Range Organics (C10-C28)	306	25.0	250		122	66-144			
Surrogate: n-Nonane	58.5		50.0		117	61-141			

Matrix Spike (2533032-MS1)					Source: E508111-02		Prepared: 08/12/25 Analyzed: 08/12/25		
Diesel Range Organics (C10-C28)	316	25.0	250	ND	127	56-156			
Surrogate: n-Nonane	60.3		50.0		121	61-141			

Matrix Spike Dup (2533032-MSD1)					Source: E508111-02		Prepared: 08/12/25 Analyzed: 08/12/25		
Diesel Range Organics (C10-C28)	300	25.0	250	ND	120	56-156	5.43	20	
Surrogate: n-Nonane	57.8		50.0		116	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	8/13/2025 3:58:38PM

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 (2533029-BLK1)					Prepared: 08/12/25 Analyzed: 08/12/25				
Chloride	ND	20.0							
LCS (2533029-BS1)					Prepared: 08/12/25 Analyzed: 08/12/25				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2533029-MS1)					Source: E508111-03		Prepared: 08/12/25 Analyzed: 08/12/25		
Chloride	345	20.0	250	106	95.6	80-120			
Matrix Spike Dup (2533029-MSD1)					Source: E508111-03		Prepared: 08/12/25 Analyzed: 08/12/25		
Chloride	357	20.0	250	106	100	80-120	3.29	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	08/13/25 15:58

- 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# E508111		Job Number 010580007				<table border="1"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Std</td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> </tr> </table>				1D	2D	3D	Std		X		
1D	2D	3D	Std																				
	X																						
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr								<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>TX</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> </tr> </table>				NM	CO	UT	TX	X			
NM	CO	UT	TX																				
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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1110	8/8/25	Soil	1	FS86-2'		1								+					
1100				87-2'		2								+					
1109				88-2'		3								+					
1104				89-2'		4								+					
1227				90-2'		5								+					
1059				91-2'		6								+					
1057				99-2'		7								+					
1035				100-2'		8								+					
1240				103-2'		9								+					
1026				104-2'		10								+					

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

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Jenna Hinkle	8/11/2025	7:00	Michelle Gonzales	8-11-25	0700
Michelle Gonzales	8-11-25	1400	Marissa Gonzales	8-11-25	1400
Marissa Gonzales	8-11-25	1730	Andreue Musso	8-11-25	1730
Andreue Musso	8-11-25	2145	Caitlin Marx	8-12-25	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.

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

Page 281 of 451

Envirotech Analytical Laboratory

Printed: 8/12/2025 10:20:13AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/12/25 07:30	Work Order ID:	E508111
Phone:	(505) 382-1211	Date Logged In:	08/11/25 14:39	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/13/25 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: E508128

Job Number: 01058-0007

Received: 8/13/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/14/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 8/14/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E508128
Date Received: 8/13/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/13/2025 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
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)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/14/25 14:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS67-2'	E508128-01A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS69-2'	E508128-02A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS70-2'	E508128-03A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS75-3'	E508128-04A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS76- 2'-3'	E508128-05A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS77- 2'-3'	E508128-06A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS95-3'	E508128-07A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS97-3'	E508128-08A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS98-3'	E508128-09A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS101-4'	E508128-10A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
FS102-4'	E508128-11A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
SW01- 0'-4'	E508128-12A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
SW02- 0'-4'	E508128-13A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
SW03- 0'-4'	E508128-14A	Soil	08/11/25	08/13/25	Glass Jar, 2 oz.
SW04- 0'-4'	E508128-15A	Soil	08/11/25	08/13/25	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:
8/14/2025 2:17:52PM

FS67-2'

E508128-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2533062	
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		84.7 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2533062	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2533074	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>		94.8 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2533064	
Chloride	153	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

FS69-2'

E508128-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.8 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>						
	94.9 %	61-141		08/13/25	08/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2533064
Chloride	198	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

FS70-2'

E508128-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.6 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.2 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>						
	95.0 %	61-141		08/13/25	08/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2533064
Chloride	196	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

FS75-3'

E508128-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2533062	
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.4 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2533062	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.1 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2533074	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>	91.0 %	61-141		08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2533064	
Chloride	20.2	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

FS76- 2'-3'

E508128-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.7 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>						
	91.8 %	61-141		08/13/25	08/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2533064
Chloride	37.5	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

FS77- 2'-3'

E508128-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.7 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.3 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>						
	89.6 %	61-141		08/13/25	08/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2533064
Chloride	38.4	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

FS95-3'

E508128-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.4 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.4 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>		94.0 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2533064
Chloride	30.7	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

FS97-3'

E508128-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		87.0 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.6 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>		93.8 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2533064
Chloride	57.6	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

FS98-3'

E508128-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2533062	
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.5 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2533062	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.7 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2533074	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>	89.3 %	61-141		08/13/25	08/13/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2533064	
Chloride	321	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

FS101-4'

E508128-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.5 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>						
	88.3 %	61-141		08/13/25	08/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2533064
Chloride	598	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

FS102-4'

E508128-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.3 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>						
	87.6 %	61-141		08/13/25	08/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2533064
Chloride	554	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

SW01- 0'-4'

E508128-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.5 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>		89.0 %	61-141	08/13/25	08/13/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2533064
Chloride	326	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

SW02- 0'-4'

E508128-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.3 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>						
	88.3 %	61-141		08/13/25	08/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2533064
Chloride	44.6	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

SW03- 0'-4'

E508128-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/13/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/13/25	
Toluene	ND	0.0250	1	08/13/25	08/13/25	
o-Xylene	ND	0.0250	1	08/13/25	08/13/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/13/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.2 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.8 %	70-130		08/13/25	08/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>						
	88.0 %	61-141		08/13/25	08/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2533064
Chloride	146	20.0	1	08/13/25	08/13/25	



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:
8/14/2025 2:17:52PM

SW04- 0'-4'

E508128-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Benzene	ND	0.0250	1	08/13/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/13/25	08/14/25	
Toluene	ND	0.0250	1	08/13/25	08/14/25	
o-Xylene	ND	0.0250	1	08/13/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/13/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/13/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.8 %	70-130		08/13/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2533062
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		08/13/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2533074
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/25	08/13/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/25	08/13/25	
<i>Surrogate: n-Nonane</i>						
	90.3 %	61-141		08/13/25	08/13/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2533064
Chloride	152	20.0	1	08/13/25	08/13/25	



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	8/14/2025 2:17:52PM

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 (2533062-BLK1)

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

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		87.3	70-130			

LCS (2533062-BS1)

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

Benzene	5.18	0.0250	5.00		104	70-130			
Ethylbenzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.15	0.0250	5.00		103	70-130			
o-Xylene	5.05	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.91		8.00		86.3	70-130			

Matrix Spike (2533062-MS1)

Source: E508126-01

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

Benzene	5.14	0.0250	5.00	ND	103	70-130			
Ethylbenzene	5.00	0.0250	5.00	ND	100	70-130			
Toluene	5.11	0.0250	5.00	ND	102	70-130			
o-Xylene	5.08	0.0250	5.00	ND	102	70-130			
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.90		8.00		86.3	70-130			

Matrix Spike Dup (2533062-MSD1)

Source: E508126-01

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

Benzene	5.68	0.0250	5.00	ND	114	70-130	10.0	27	
Ethylbenzene	5.53	0.0250	5.00	ND	111	70-130	9.91	26	
Toluene	5.64	0.0250	5.00	ND	113	70-130	9.85	20	
o-Xylene	5.54	0.0250	5.00	ND	111	70-130	8.74	25	
p,m-Xylene	11.2	0.0500	10.0	ND	112	70-130	9.41	23	
Total Xylenes	16.7	0.0250	15.0	ND	111	70-130	9.19	26	
Surrogate: 4-Bromochlorobenzene-PID	6.84		8.00		85.5	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	8/14/2025 2:17:52PM

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 (2533062-BLK1)					Prepared: 08/13/25 Analyzed: 08/13/25				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.55		8.00		94.4	70-130			

LCS (2533062-BS2)					Prepared: 08/13/25 Analyzed: 08/13/25				
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0		86.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			

Matrix Spike (2533062-MS2)					Source: E508126-01		Prepared: 08/13/25 Analyzed: 08/13/25		
Gasoline Range Organics (C6-C10)	40.1	20.0	50.0	ND	80.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.6	70-130			

Matrix Spike Dup (2533062-MSD2)					Source: E508126-01		Prepared: 08/13/25 Analyzed: 08/13/25		
Gasoline Range Organics (C6-C10)	39.0	20.0	50.0	ND	78.1	70-130	2.73	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	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	8/14/2025 2:17:52PM

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 (2533074-BLK1)					Prepared: 08/13/25 Analyzed: 08/13/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.6		50.0		89.2	61-141			

LCS (2533074-BS1)					Prepared: 08/13/25 Analyzed: 08/13/25				
Diesel Range Organics (C10-C28)	237	25.0	250		94.7	66-144			
Surrogate: n-Nonane	48.3		50.0		96.7	61-141			

Matrix Spike (2533074-MS1)					Source: E508128-11		Prepared: 08/13/25 Analyzed: 08/13/25		
Diesel Range Organics (C10-C28)	224	25.0	250	ND	89.7	56-156			
Surrogate: n-Nonane	45.5		50.0		91.1	61-141			

Matrix Spike Dup (2533074-MSD1)					Source: E508128-11		Prepared: 08/13/25 Analyzed: 08/13/25		
Diesel Range Organics (C10-C28)	225	25.0	250	ND	89.9	56-156	0.183	20	
Surrogate: n-Nonane	45.2		50.0		90.4	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	8/14/2025 2:17:52PM

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 (2533064-BLK1)					Prepared: 08/13/25 Analyzed: 08/13/25				
Chloride	ND	20.0							
LCS (2533064-BS1)					Prepared: 08/13/25 Analyzed: 08/13/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2533064-MS1)					Source: E508125-01		Prepared: 08/13/25 Analyzed: 08/13/25		
Chloride	298	20.0	250	45.9	101	80-120			
Matrix Spike Dup (2533064-MSD1)					Source: E508125-01		Prepared: 08/13/25 Analyzed: 08/13/25		
Chloride	295	20.0	250	45.9	99.5	80-120	0.954	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	08/14/25 14:17

- 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		E508128	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	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
0820	8/11/25	S	1	FS67-2'		1								X					
0754				FS69-2'		2													
0753				FS70-2'		3													
0817				FS75-3'		4													
0705				FS76-2-3'		5													
0801				FS77-2-3'		6													
0821				FS95-3'		7													
0815				FS97-3'		8													
0817				FS98-3'		9													
0906				FS101-4'		10													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@env.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com, pphugge@crechem.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 Phugge																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> N							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
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: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr		E508128	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@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
																	PWSID #			
																	Sample Temp			Remarks
1004	8/11/25	S	1	FS102-4		11											2.4			
1238				SW01-0-4		12											1.8			
1303				SW02-0-4		13											1.6			
1244				SW03-0-4		14											1.4			
1246				SW04-0-4		15											2.0			
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, eplugg@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 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								
Eric Plugg		8/12/25		7:00		Michelle Gonzales		8-12-25		0700										
Michelle Gonzales		8-12-25		1445		Marissas Gonzales		8-12-25		8 1445										
Marissas Gonzales		8-12-25		1830		Andrew Musso		8-12-25		1830										
Andrew Musso		8-12-25		2248		Caitlynn		8-13-25		700										
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: 8/13/2025 9:10:18AM

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:	08/13/25 07:00	Work Order ID:	E508128
Phone:	(505) 382-1211	Date Logged In:	08/12/25 15:01	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/14/25 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: E508154

Job Number: 01058-0007

Received: 8/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/15/25

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: 8/15/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Marwari 28 CTB 2
Workorder: E508154
Date Received: 8/14/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/14/2025 7:15:00AM, 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)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 08/15/25 15:17
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
PH07-4'	E508154-01A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
PH10-7'	E508154-02A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
PH10-8'	E508154-03A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
PH10-9'	E508154-04A	Soil	08/12/25	08/14/25	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:
8/15/2025 3:17:13PM

PH07-4'

E508154-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2533101	
Benzene	ND	0.0250	1	08/14/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/15/25	
Toluene	ND	0.0250	1	08/14/25	08/15/25	
o-Xylene	ND	0.0250	1	08/14/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		99.0 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2533101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.1 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2533091	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>		95.9 %	61-141	08/14/25	08/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2533102	
Chloride	ND	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:17:13PM

PH10-7'

E508154-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533101	
Benzene	ND	0.0250	1	08/14/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/15/25	
Toluene	ND	0.0250	1	08/14/25	08/15/25	
o-Xylene	ND	0.0250	1	08/14/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.3 %	70-130		08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533091	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	95.7 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2533102	
Chloride	159	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:17:13PM

PH10-8'

E508154-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533101	
Benzene	ND	0.0250	1	08/14/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/15/25	
Toluene	ND	0.0250	1	08/14/25	08/15/25	
o-Xylene	ND	0.0250	1	08/14/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533091	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	95.8 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2533102	
Chloride	2550	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:17:13PM

PH10-9'

E508154-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533101	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.6 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533101	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.9 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533091	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	97.1 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2533102	
Chloride	428	20.0	1	08/14/25	08/14/25	



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	8/15/2025 3:17:13PM

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 (2533101-BLK1)

Prepared: 08/14/25 Analyzed: 08/14/25

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	7.95		8.00		99.3	70-130			

LCS (2533101-BS1)

Prepared: 08/14/25 Analyzed: 08/14/25

Benzene	5.16	0.0250	5.00		103	70-130			
Ethylbenzene	5.17	0.0250	5.00		103	70-130			
Toluene	5.23	0.0250	5.00		105	70-130			
o-Xylene	5.08	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

Matrix Spike (2533101-MS1)

Source: E508154-04

Prepared: 08/14/25 Analyzed: 08/14/25

Benzene	4.90	0.0250	5.00	ND	97.9	70-130			
Ethylbenzene	4.88	0.0250	5.00	ND	97.7	70-130			
Toluene	4.95	0.0250	5.00	ND	99.1	70-130			
o-Xylene	4.80	0.0250	5.00	ND	96.1	70-130			
p,m-Xylene	9.81	0.0500	10.0	ND	98.1	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

Matrix Spike Dup (2533101-MSD1)

Source: E508154-04

Prepared: 08/14/25 Analyzed: 08/14/25

Benzene	5.25	0.0250	5.00	ND	105	70-130	7.04	27	
Ethylbenzene	5.27	0.0250	5.00	ND	105	70-130	7.58	26	
Toluene	5.33	0.0250	5.00	ND	107	70-130	7.23	20	
o-Xylene	5.18	0.0250	5.00	ND	104	70-130	7.47	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	7.57	23	
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130	7.54	26	
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	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	8/15/2025 3:17:13PM

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 (2533101-BLK1)

Prepared: 08/14/25 Analyzed: 08/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			

LCS (2533101-BS2)

Prepared: 08/14/25 Analyzed: 08/14/25

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			

Matrix Spike (2533101-MS2)

Source: E508154-04

Prepared: 08/14/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130			

Matrix Spike Dup (2533101-MSD2)

Source: E508154-04

Prepared: 08/14/25 Analyzed: 08/15/25

Gasoline Range Organics (C6-C10)	53.9	20.0	50.0	ND	108	70-130	2.48	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	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	8/15/2025 3:17:13PM

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 (2533091-BLK1)					Prepared: 08/14/25 Analyzed: 08/14/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	47.1		50.0		94.2	61-141			

LCS (2533091-BS1)					Prepared: 08/14/25 Analyzed: 08/14/25				
Diesel Range Organics (C10-C28)	247	25.0	250		98.8	66-144			
Surrogate: n-Nonane	47.3		50.0		94.5	61-141			

Matrix Spike (2533091-MS1)					Source: E508153-08		Prepared: 08/14/25 Analyzed: 08/14/25		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	56-156			
Surrogate: n-Nonane	47.7		50.0		95.3	61-141			

Matrix Spike Dup (2533091-MSD1)					Source: E508153-08		Prepared: 08/14/25 Analyzed: 08/14/25		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	56-156	0.871	20	
Surrogate: n-Nonane	47.5		50.0		94.9	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	8/15/2025 3:17:13PM

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 (2533102-BLK1)						Prepared: 08/14/25 Analyzed: 08/14/25			
Chloride	ND	20.0							
LCS (2533102-BS1)						Prepared: 08/14/25 Analyzed: 08/14/25			
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2533102-MS1)				Source: E508153-03		Prepared: 08/14/25 Analyzed: 08/14/25			
Chloride	254	20.0	250	ND	102	80-120			
Matrix Spike Dup (2533102-MSD1)				Source: E508153-03		Prepared: 08/14/25 Analyzed: 08/14/25			
Chloride	255	20.0	250	ND	102	80-120	0.452	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	08/15/25 15:17

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



Page 14 of 15

Envirotech Analytical Laboratory

Printed: 8/14/2025 11:14:59AM

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:	08/14/25 07:15	Work Order ID:	E508154
Phone:	(505) 382-1211	Date Logged In:	08/13/25 15:21	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/15/25 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.

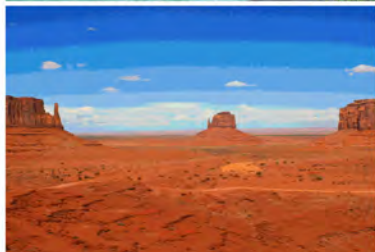
Date



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: E508155

Job Number: 01058-0007

Received: 8/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/15/25

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: 8/15/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E508155
Date Received: 8/14/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/14/2025 7:15:00AM, 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)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Marwari 28 CTB 2 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 08/15/25 13:19
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS50-0.5'	E508155-01A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS51-0.5'	E508155-02A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS53- 0.5'-4'	E508155-03A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS54- 0.5'-4'	E508155-04A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS56-4'	E508155-05A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS57-4'	E508155-06A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS58-4'	E508155-07A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS59-4'	E508155-08A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS60-4'	E508155-09A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS61-4'	E508155-10A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS62-4'	E508155-11A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS63-4'	E508155-12A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS64-0.5'	E508155-13A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS66-4'	E508155-14A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS68-4'	E508155-15A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS71-4'	E508155-16A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS72-4'	E508155-17A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS73-4'	E508155-18A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS74-4'	E508155-19A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS78-4'	E508155-20A	Soil	08/12/25	08/14/25	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: 8/15/2025 1:19:00PM
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FS50-0.5'

E508155-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.7 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.2 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>	100 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	49.9	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS51-0.5'

E508155-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.5 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.9 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	95.3 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	478	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS53- 0.5'-4'

E508155-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	98.5 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	29.6	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS54- 0.5'-4'

E508155-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	99.5 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	ND	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS56-4'

E508155-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.0 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	98.2 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	56.8	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS57-4'

E508155-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.9 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	98.0 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	58.8	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS58-4'

E508155-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.0 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.7 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	90.2 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	1690	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS59-4'

E508155-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	97.2 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	1410	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS60-4'

E508155-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	99.6 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	ND	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS61-4'

E508155-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	85.1 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	98.3 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	70.2	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS62-4'

E508155-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	97.3 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	379	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS63-4'

E508155-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	907	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS64-0.5'

E508155-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.4 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.5 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	91.0	40.0	2	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS66-4'

E508155-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.4 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.4 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	100 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	ND	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS68-4'

E508155-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.7 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.5 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	96.0 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	61.3	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS71-4'

E508155-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.8 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	94.9 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	2400	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS72-4'

E508155-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.8 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	93.4 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	90.9	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS73-4'

E508155-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.7 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.7 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	95.6 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	759	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS74-4'

E508155-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	86.6 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	94.8 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	25.7	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 1:19:00PM

FS78-4'

E508155-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2533099	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.1 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2533090	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/15/25	
<i>Surrogate: n-Nonane</i>						
	97.4 %	61-141		08/14/25	08/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533106	
Chloride	377	20.0	1	08/14/25	08/14/25	



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	8/15/2025 1:19:00PM

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 (2533099-BLK1)

Prepared: 08/14/25 Analyzed: 08/14/25

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	7.26		8.00		90.7	70-130			

LCS (2533099-BS1)

Prepared: 08/14/25 Analyzed: 08/14/25

Benzene	4.66	0.0250	5.00		93.2	70-130			
Ethylbenzene	4.67	0.0250	5.00		93.3	70-130			
Toluene	4.70	0.0250	5.00		94.0	70-130			
o-Xylene	4.72	0.0250	5.00		94.4	70-130			
p,m-Xylene	9.44	0.0500	10.0		94.4	70-130			
Total Xylenes	14.2	0.0250	15.0		94.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.9	70-130			

Matrix Spike (2533099-MS1)

Source: E508155-03

Prepared: 08/14/25 Analyzed: 08/14/25

Benzene	4.57	0.0250	5.00	ND	91.3	70-130			
Ethylbenzene	4.56	0.0250	5.00	ND	91.2	70-130			
Toluene	4.59	0.0250	5.00	ND	91.9	70-130			
o-Xylene	4.60	0.0250	5.00	ND	91.9	70-130			
p,m-Xylene	9.22	0.0500	10.0	ND	92.2	70-130			
Total Xylenes	13.8	0.0250	15.0	ND	92.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.51		8.00		93.8	70-130			

Matrix Spike Dup (2533099-MSD1)

Source: E508155-03

Prepared: 08/14/25 Analyzed: 08/14/25

Benzene	4.96	0.0250	5.00	ND	99.2	70-130	8.27	27	
Ethylbenzene	4.93	0.0250	5.00	ND	98.6	70-130	7.82	26	
Toluene	4.99	0.0250	5.00	ND	99.8	70-130	8.29	20	
o-Xylene	5.00	0.0250	5.00	ND	100	70-130	8.43	25	
p,m-Xylene	9.98	0.0500	10.0	ND	99.8	70-130	7.84	23	
Total Xylenes	15.0	0.0250	15.0	ND	99.9	70-130	8.04	26	
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Marwari 28 CTB 2	Reported: 8/15/2025 1:19:00PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

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 (2533099-BLK1) Prepared: 08/14/25 Analyzed: 08/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

LCS (2533099-BS2) Prepared: 08/14/25 Analyzed: 08/14/25

Gasoline Range Organics (C6-C10)	51.8	20.0	50.0		104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			

Matrix Spike (2533099-MS2) Source: E508155-03 Prepared: 08/14/25 Analyzed: 08/14/25

Gasoline Range Organics (C6-C10)	54.4	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.0	70-130			

Matrix Spike Dup (2533099-MSD2) Source: E508155-03 Prepared: 08/14/25 Analyzed: 08/14/25

Gasoline Range Organics (C6-C10)	54.3	20.0	50.0	ND	109	70-130	0.193	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.6	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	8/15/2025 1:19:00PM

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 (2533090-BLK1)					Prepared: 08/14/25 Analyzed: 08/14/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.2		50.0		96.4	61-141			

LCS (2533090-BS1)					Prepared: 08/14/25 Analyzed: 08/14/25				
Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	51.8		50.0		104	61-141			

Matrix Spike (2533090-MS1)					Source: E508155-17		Prepared: 08/14/25 Analyzed: 08/14/25		
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.4	56-156			
Surrogate: n-Nonane	47.8		50.0		95.6	61-141			

Matrix Spike Dup (2533090-MSD1)					Source: E508155-17		Prepared: 08/14/25 Analyzed: 08/14/25		
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	56-156	2.89	20	
Surrogate: n-Nonane	47.6		50.0		95.1	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	8/15/2025 1:19:00PM

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 (2533106-BLK1)					Prepared: 08/14/25 Analyzed: 08/14/25				
Chloride	ND	20.0							
LCS (2533106-BS1)					Prepared: 08/14/25 Analyzed: 08/14/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2533106-MS1)					Source: E508155-05		Prepared: 08/14/25 Analyzed: 08/14/25		
Chloride	313	20.0	250	56.8	102	80-120			
Matrix Spike Dup (2533106-MSD1)					Source: E508155-05		Prepared: 08/14/25 Analyzed: 08/14/25		
Chloride	309	20.0	250	56.8	101	80-120	1.40	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	08/15/25 13:19

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

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

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

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Devon				Company: Devon Energy				Lab WO# E508155				Job Number 01058-0007				1D 2D 3D Std							
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr								X				NM CO UT TX							
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					
1415	8/13/2025	Soil	1	FSS0-0.5'		1								+		3.1							
1416				51-0.5'		2								+		3.3							
1121				53-0.5'-4'		3								+		3.0							
1124				54-0.5'-4'		4								+		2.9							
0926				56-4'		5								+		2.9							
1120				57-4'		6								+		3.3							
0934				58-4'		7								+		3.1							
0933				59-4'		8								+		3.0							
1123				60-4'		9								+		3.0							
0931				61-4'		10								+		2.8							
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, 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 Ruggie																							
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				8/13/2025		7:00		Michelle Gonzales				8-13-25		0700									
Michelle Gonzales				8-13-25		1500		Marissa Gonzales				8-13-25		1500									
Marissa Gonzales				8-13-25		1050		Andrew Musso				8-13-25		1900									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Lab Use Only							
Andrew Musso				8-14-25		0345		N/A				8-14-25		0715									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		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.																							

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		ES08155	0058-0007			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@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
0924	8/12/25	Soil	1	FS 62-4'		11								+		2.1		
0929				63-4'		12								+		2.3		
1500				64-0.5'		13								+		2.5		
1424				66-4'		14								+		3.0		
0906				68-4'		15								+		2.4		
0922				71-4'		16								+		2.6		
0906				72-4'		17								+		3.9		
0907				73-4'		18								+		3.7		
0902				74-4'		19								+		3.8		
0931				78-4'		20								+		3.6		
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 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: <input checked="" type="checkbox"/> Y / <input type="checkbox"/> N										
Jenna Hinkle		8/13/2025	7:00	Michelle Gonzales		8-13-25	0700											
Michelle Gonzales		8-13-25	1500	Marissa Gonzales		8-13-25	1500											
Marissa Gonzales		8-13-25	1050	Andrew Musso		8.13.25	1900											
Andrew Musso		8.14.25	0345	Noe Soto		8.14.25	0715											
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: 8/14/2025 11:22:22AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/14/25 07:15	Work Order ID:	E508155
Phone:	(505) 382-1211	Date Logged In:	08/13/25 15:28	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/15/25 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: CourierSample 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 InstructionComments/Resolution

Project Marwari 28 CTB 2 has been separated in 2 reports due to sample volume. WOs are E508155 and E508156.

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

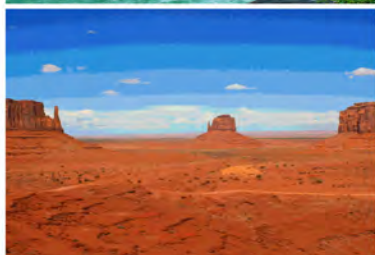
Date



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: E508156

Job Number: 01058-0007

Received: 8/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/15/25

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: 8/15/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E508156
Date Received: 8/14/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/14/2025 7:15:00AM, 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)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
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: 08/15/25 15:22
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
FS79-4'	E508156-01A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS81-4'	E508156-02A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS83-4'	E508156-03A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS84-4'	E508156-04A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS85-4'	E508156-05A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS92-4'	E508156-06A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS93-4'	E508156-07A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS94-4'	E508156-08A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
FS96-4'	E508156-09A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW05- 0'-4'	E508156-10A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW06- 0'-4'	E508156-11A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW07- 0'-4'	E508156-12A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW08- 0'-4'	E508156-13A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW09- 0'-4'	E508156-14A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW10- 0'-4'	E508156-15A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW11- 0'-4'	E508156-16A	Soil	08/12/25	08/14/25	Glass Jar, 2 oz.
SW12- 0'-4'	E508156-17A	Soil	08/12/25	08/14/25	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:
8/15/2025 3:22:02PM

FS79-4'

E508156-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.0 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		108 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>		92.7 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	1060	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:22:02PM

FS81-4'

E508156-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.5 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	92.7 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	1800	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:22:02PM

FS83-4'

E508156-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.4 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	92.8 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	1310	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:22:02PM

FS84-4'

E508156-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		105 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
		92.4 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	1430	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:22:02PM

FS85-4'

E508156-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
		92.8 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	156	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:22:02PM

FS92-4'

E508156-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	108 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	93.1 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	154	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:22:02PM

FS93-4'

E508156-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.2 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	97.8 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	1930	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:22:02PM

FS94-4'

E508156-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.5 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	95.8 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	1670	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:22:02PM

FS96-4'

E508156-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.3 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	93.7 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	793	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:22:02PM

SW05- 0'-4'

E508156-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.0 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	109 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	94.3 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	ND	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:22:02PM

SW06- 0'-4'

E508156-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: SL		Batch: 2533098
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.2 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2533098
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		110 %	70-130	08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KH		Batch: 2533089
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>		99.5 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2533107
Chloride	206	20.0	1	08/14/25	08/14/25	



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:
8/15/2025 3:22:02PM

SW07- 0'-4'

E508156-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.9 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	94.0 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	ND	20.0	1	08/14/25	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:
8/15/2025 3:22:02PM

SW08- 0'-4'

E508156-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.5 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	113 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	94.6 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	ND	20.0	1	08/14/25	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:
8/15/2025 3:22:02PM

SW09- 0'-4'

E508156-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/14/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/14/25	
Toluene	ND	0.0250	1	08/14/25	08/14/25	
o-Xylene	ND	0.0250	1	08/14/25	08/14/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/14/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		08/14/25	08/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	96.0 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	827	20.0	1	08/14/25	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:
8/15/2025 3:22:02PM

SW10- 0'-4'

E508156-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/15/25	
Toluene	ND	0.0250	1	08/14/25	08/15/25	
o-Xylene	ND	0.0250	1	08/14/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
		98.9 %	61-141	08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	131	20.0	1	08/14/25	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:
8/15/2025 3:22:02PM

SW11- 0'-4'

E508156-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/15/25	
Toluene	ND	0.0250	1	08/14/25	08/15/25	
o-Xylene	ND	0.0250	1	08/14/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	96.7 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	211	20.0	1	08/14/25	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:
8/15/2025 3:22:02PM

SW12- 0'-4'

E508156-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Benzene	ND	0.0250	1	08/14/25	08/15/25	
Ethylbenzene	ND	0.0250	1	08/14/25	08/15/25	
Toluene	ND	0.0250	1	08/14/25	08/15/25	
o-Xylene	ND	0.0250	1	08/14/25	08/15/25	
p,m-Xylene	ND	0.0500	1	08/14/25	08/15/25	
Total Xylenes	ND	0.0250	1	08/14/25	08/15/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2533098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/14/25	08/15/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	111 %	70-130		08/14/25	08/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2533089	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/14/25	08/14/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/14/25	08/14/25	
<i>Surrogate: n-Nonane</i>						
	96.2 %	61-141		08/14/25	08/14/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2533107	
Chloride	37.5	20.0	1	08/14/25	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	8/15/2025 3:22:02PM

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 (2533098-BLK1)

Prepared: 08/14/25 Analyzed: 08/14/25

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	8.06		8.00		101	70-130			

LCS (2533098-BS1)

Prepared: 08/14/25 Analyzed: 08/14/25

Benzene	4.64	0.0250	5.00		92.9	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.6	70-130			
Toluene	4.72	0.0250	5.00		94.5	70-130			
o-Xylene	4.74	0.0250	5.00		94.9	70-130			
p,m-Xylene	9.62	0.0500	10.0		96.2	70-130			
Total Xylenes	14.4	0.0250	15.0		95.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.63		8.00		95.3	70-130			

Matrix Spike (2533098-MS1)

Source: E508156-10

Prepared: 08/14/25 Analyzed: 08/14/25

Benzene	4.73	0.0250	5.00	ND	94.6	70-130			
Ethylbenzene	4.81	0.0250	5.00	ND	96.1	70-130			
Toluene	4.81	0.0250	5.00	ND	96.1	70-130			
o-Xylene	4.82	0.0250	5.00	ND	96.4	70-130			
p,m-Xylene	9.77	0.0500	10.0	ND	97.7	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.03		8.00		100	70-130			

Matrix Spike Dup (2533098-MSD1)

Source: E508156-10

Prepared: 08/14/25 Analyzed: 08/14/25

Benzene	4.77	0.0250	5.00	ND	95.3	70-130	0.792	27	
Ethylbenzene	4.89	0.0250	5.00	ND	97.9	70-130	1.82	26	
Toluene	4.87	0.0250	5.00	ND	97.4	70-130	1.27	20	
o-Xylene	4.90	0.0250	5.00	ND	98.1	70-130	1.70	25	
p,m-Xylene	9.94	0.0500	10.0	ND	99.4	70-130	1.76	23	
Total Xylenes	14.8	0.0250	15.0	ND	99.0	70-130	1.74	26	
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.2	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	8/15/2025 3:22:02PM

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 (2533098-BLK1) Prepared: 08/14/25 Analyzed: 08/14/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.48		8.00		106	70-130			

LCS (2533098-BS2) Prepared: 08/14/25 Analyzed: 08/14/25

Gasoline Range Organics (C6-C10)	55.5	20.0	50.0		111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.54		8.00		107	70-130			

Matrix Spike (2533098-MS2) Source: E508156-10 Prepared: 08/14/25 Analyzed: 08/14/25

Gasoline Range Organics (C6-C10)	55.5	20.0	50.0	ND	111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.63		8.00		108	70-130			

Matrix Spike Dup (2533098-MSD2) Source: E508156-10 Prepared: 08/14/25 Analyzed: 08/14/25

Gasoline Range Organics (C6-C10)	58.1	20.0	50.0	ND	116	70-130	4.65	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.70		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	8/15/2025 3:22:02PM

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 (2533089-BLK1)

Prepared: 08/14/25 Analyzed: 08/14/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	46.0		50.0		92.0	61-141			

LCS (2533089-BS1)

Prepared: 08/14/25 Analyzed: 08/14/25

Diesel Range Organics (C10-C28)	220	25.0	250		88.1	66-144			
Surrogate: <i>n</i> -Nonane	47.5		50.0		95.0	61-141			

Matrix Spike (2533089-MS1)

Source: E508156-04

Prepared: 08/14/25 Analyzed: 08/14/25

Diesel Range Organics (C10-C28)	220	25.0	250	ND	88.0	56-156			
Surrogate: <i>n</i> -Nonane	46.3		50.0		92.6	61-141			

Matrix Spike Dup (2533089-MSD1)

Source: E508156-04

Prepared: 08/14/25 Analyzed: 08/14/25

Diesel Range Organics (C10-C28)	218	25.0	250	ND	87.4	56-156	0.754	20	
Surrogate: <i>n</i> -Nonane	47.0		50.0		94.1	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	8/15/2025 3:22:02PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2533107-BLK1)					Prepared: 08/14/25 Analyzed: 08/14/25				
Chloride	ND	20.0							
LCS (2533107-BS1)					Prepared: 08/14/25 Analyzed: 08/14/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2533107-MS1)					Source: E508156-04		Prepared: 08/14/25 Analyzed: 08/14/25		
Chloride	1620	20.0	250	1430	77.3	80-120			M4
Matrix Spike Dup (2533107-MSD1)					Source: E508156-04		Prepared: 08/14/25 Analyzed: 08/14/25		
Chloride	1600	20.0	250	1430	66.5	80-120	1.68	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	08/15/25 15:22

- 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		E50B156	0058-0007		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@dm.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	BGDQC-NM	BGDQC-TX	SDWA	CWA	RCRA	
0933	8/12/2025	Soil	1	FS 79-4'		1													
0935				81-4'		2													
0920				83-4'		3													
0920				84-4'		4													
0924				85-4'		5													
0916				92-4'		6													
0913				93-4'		7													
0915				94-4'		8													
0919				96-4'		9													
1258				SW 05-0'-4'		10													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dm.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: <input checked="" type="radio"/> N							
Jenna Hinkle		8/13/2025		7:00		Michelle Gonzales		8-13-25		0700									
Michelle Gonzales		8-13-25		1500		Marissa Gonzales		8-13-25		1500									
Marissa Gonzales		8-13-25		1650		Andreue Musso		8.13.25		0900									
Andreue Musso		8.14.25		0345		Ne. Solt		8-14-25		0715									
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		E508156	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	
1253	8/12/2025	Soil	1	SW06-0'-4'		11								+					
1250				67-0'-4'		12								+					
1130				08-0'-4'		13								+					
1250				09-0'-4'		14								+					
1251				10-0'-4'		15								+					
1255				11-0'-4'		16								+					
1259				12-0'-4'		17								X					
				PH07-4'															
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 and Eric Duggie																			
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		8/13/2025		7:00		Michelle Gonzales		8-13-25		6700									
Michelle Gonzales		8-13-25		1500		Marissa Gonzales		8-13-25		1500									
Marissa Gonzales		8-13-25		1650		Andrew Musso		8.13.25		1900									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: Y/N							
Andrew Musso		8.14.25		0345		Noe Soto		8.14.25		07:15									
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: 8/14/2025 11:25:33AM

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:	08/14/25 07:15	Work Order ID:	E508156
Phone:	(505) 382-1211	Date Logged In:	08/13/25 15:35	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/15/25 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/Resolution

Project Marwari 28 CTB 2 has been separated in 2 reports due to sample volume. WOs are E508155 and E508156.

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: 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.
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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
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)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

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: 08/18/25 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
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

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# E508174		Job Number 010580007		1D	2D	3D	Std	NM	CO	UT	TX	
Project: Marwari 28 CTB 2				Address: 5315 Buena Vista Dr										X				
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: (575)689-7597														
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@envirotech.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@envirotech.com																		
Sample Information						Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	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@envirotech.com, agiovengo@envirotech.com, jim.raley@envirotech.com, iestrella@envirotech.com, chamilton@envirotech.com, bmoir@envirotech.com, jhinkle@envirotech.com, akone@envirotech.com, jgonzales@envirotech.com, jmccauley@envirotech.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: 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.						
CJP		8/14/25		7:00		Michelle Gonzales		8-14-25		0700								
Michelle Gonzales		8-14-25		1445		Michelle Gonzales		8-14-25		1445								
Michelle Gonzales		8-14-25		1840		Andrew Musso		8-14-25		1840								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: Y/N						
Andrew Musso		8-14-25		2330		Caitlin Mar		8-15-25		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: 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:	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

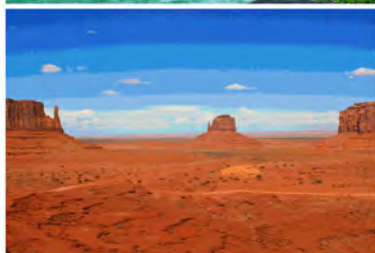
Signature of client authorizing changes to the COC or sample disposition.

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: E508251

Job Number: 01058-0007

Received: 8/22/2025

Revision: 0

Report Reviewed By:

Draft

Walter Hinchman
Laboratory Director
8/25/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 8/25/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Marwari 28 CTB 2
Workorder: E508251
Date Received: 8/22/2025 3:50:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/22/2025 3:50:00PM, 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
rainaschwanz@envirotech-inc.com

Field Offices:

Southern New Mexico Area

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

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
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: 08/25/25 14:19
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
BF02	E508251-01A	Soil	08/22/25	08/22/25	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: 8/25/2025 2:19:18PM
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BF02

E508251-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2535001	
Benzene	ND	0.0250	1	08/24/25	08/24/25	
Ethylbenzene	ND	0.0250	1	08/24/25	08/24/25	
Toluene	ND	0.0250	1	08/24/25	08/24/25	
o-Xylene	ND	0.0250	1	08/24/25	08/24/25	
p,m-Xylene	ND	0.0500	1	08/24/25	08/24/25	
Total Xylenes	ND	0.0250	1	08/24/25	08/24/25	
Surrogate: 4-Bromochlorobenzene-PID	86.5 %	70-130		08/24/25	08/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2535001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/24/25	08/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.3 %	70-130		08/24/25	08/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2535003	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/25/25	08/25/25	
Oil Range Organics (C28-C36)	ND	50.0	1	08/25/25	08/25/25	
Surrogate: n-Nonane	78.5 %	61-141		08/25/25	08/25/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2535005	
Chloride	ND	20.0	1	08/25/25	08/25/25	



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	8/25/2025 2:19:18PM

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 (2535001-BLK1)

Prepared: 08/24/25 Analyzed: 08/24/25

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	6.76		8.00		84.5	70-130			

LCS (2535001-BS1)

Prepared: 08/24/25 Analyzed: 08/24/25

Benzene	5.23	0.0250	5.00		105	70-130			
Ethylbenzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.18	0.0250	5.00		104	70-130			
o-Xylene	5.08	0.0250	5.00		102	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.99		8.00		87.4	70-130			

Matrix Spike (2535001-MS1)

Source: E508254-02

Prepared: 08/24/25 Analyzed: 08/24/25

Benzene	5.21	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.09	0.0250	5.00	ND	102	70-130			
Toluene	5.18	0.0250	5.00	ND	104	70-130			
o-Xylene	5.05	0.0250	5.00	ND	101	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.8	70-130			

Matrix Spike Dup (2535001-MSD1)

Source: E508254-02

Prepared: 08/24/25 Analyzed: 08/24/25

Benzene	5.16	0.0250	5.00	ND	103	70-130	0.858	27	
Ethylbenzene	5.00	0.0250	5.00	ND	100	70-130	1.78	26	
Toluene	5.11	0.0250	5.00	ND	102	70-130	1.29	20	
o-Xylene	4.96	0.0250	5.00	ND	99.2	70-130	1.88	25	
p,m-Xylene	10.1	0.0500	10.0	ND	101	70-130	1.69	23	
Total Xylenes	15.1	0.0250	15.0	ND	101	70-130	1.75	26	
Surrogate: 4-Bromochlorobenzene-PID	6.84		8.00		85.5	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	8/25/2025 2:19:18PM

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 (2535001-BLK1) Prepared: 08/24/25 Analyzed: 08/24/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

LCS (2535001-BS2) Prepared: 08/24/25 Analyzed: 08/24/25

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			

Matrix Spike (2535001-MS2) Source: E508254-02 Prepared: 08/24/25 Analyzed: 08/24/25

Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			

Matrix Spike Dup (2535001-MSD2) Source: E508254-02 Prepared: 08/24/25 Analyzed: 08/24/25

Gasoline Range Organics (C6-C10)	54.0	20.0	50.0	ND	108	70-130	1.60	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

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	08/25/25 14:19

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



Client Information				Invoice Information				Lab Use Only				TAT				State								
Client: <u>Devan</u>				Company: <u>Devan Energy</u>				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX					
Project Name: <u>Marwan 28 CTB 2</u>				Address: <u>On file</u>				<u>E508251</u>		<u>010580007</u>		<u>X</u>				<u>X</u>								
Project Manager: <u>Asley Gioveago</u>				City, State, Zip:				City, State, Zip:		Phone:														
Address:				Email:				Miscellaneous:																
City, State, Zip:																								
Phone:																								
Email:																								
												Analysis and Method				EPA Program								
												DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	B600C - NM	B600C - TX	SDWA	CWA	RCRA	
																					Compliance	Y	or	N
																					PWSID #			
																					Sample Temp	Remarks		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number																	
1145	8/22/25	soil	1	BFO2			1										X	2.9						
Additional Instructions:																								
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																								
Sampled by: <u>Israel Estrella</u>																								
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		<div>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.</div> <div>Lab Use Only</div> <div>Received on ice: <u>Y</u> N</div>												
<u>[Signature]</u>		<u>8/22/25</u>		<u>12:45</u>		<u>Marissa Gonzales</u>		<u>8-22-25</u>		<u>1245</u>														
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time														
<u>Marissa Gonzales</u>		<u>8-22-25</u>		<u>1:550</u>		<u>Noe Soto</u>		<u>8-22-25</u>		<u>1550</u>														
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time														
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time														
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																								
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																								
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																								

Envirotech Analytical Laboratory

Printed: 8/25/2025 9:00:02AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/22/25 15:50	Work Order ID:	E508251
Phone:	(505) 382-1211	Date Logged In:	08/22/25 14:23	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	08/25/25 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.



APPENDIX F

NMOCD Correspondence

From: [Wells, Shelly, EMNRD](#)
To: [Cole Burton](#)
Cc: [Bratcher, Michael, EMNRD](#); [Raley, Jim](#); [Ashley Giovengo](#)
Subject: RE: [EXTERNAL] Confirmation Sampling Variance - Marwari 28 CTB 2 - Incident Numbers nAPP2506428775
Date: Thursday, July 10, 2025 11:52:28 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

[**EXTERNAL EMAIL**]

Good afternoon Cole,

The variance request to collect confirmation samples at a frequency of no more than 400 ft² and sidewall samples no more than 200 ft² is approved for NAPP2506428775 MARWARI 28 CTB 2 . Please include a copy of this and all notifications in the closure 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: Thursday, July 10, 2025 10:56 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Confirmation Sampling Variance - Marwari 28 CTB 2 - Incident Numbers nAPP2506428775

Sorry about that. I must have forgotten to attach it.



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

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Thursday, July 10, 2025 9:06 AM
To: Cole Burton <cburton@ensolum.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Confirmation Sampling Variance - Marwari 28 CTB 2 - Incident Numbers nAPP2506428775

[**EXTERNAL EMAIL**]

Hi Cole,

Just looking at the attached Figure 2 I see all delineation soil samples in compliance with closure criteria therefore it does not seem like the sampling area will be that large. What is missing, is Table 1 which you say you attached. Can you please send this to aid in my review of your variance request?

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: Wednesday, July 9, 2025 12:42 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Raley, Jim <Jim.Raley@dvn.com>
Cc: Ashley Giovengo <agiovengo@ensolum.com>
Subject: [EXTERNAL] Confirmation Sampling Variance - Marwari 28 CTB 2 - Incident Numbers nAPP2506428775

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

Hello,

Devon Energy Production Company, LP (Devon) is requesting a confirmation sampling variance at the Marwari 28 CTB 2 (Site). On March 04, 2025, a piping nipple on a water transfer pump developed a pinhole leak which resulted in the release of approximately 34 barrels (bbls) of produced water onto the caliche pad and the adjoining pasture east of the pad; 31 bbls of produced water were recovered from the release area. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) on March 05, 2025, and subsequently the release was assigned Incident Number nAPP2506428775. The release impacted an area approximately 17,106 square feet (sq. ft.) on-pad and an area approximately 5,171 square feet in size off-pad on Federal Land managed by the Bureau of Land Management. Devon completed a depth to water boring (DTW) on June 17, 2025, to a depth of 110 feet below ground surface (bgs) in order to establish DTW within a half mile radius of the Site. A desktop review for potential site receptors has been completed and the site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is an intermittent dry wash located approximately 0.7 miles west of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at or around the Site. Based on the results of the desktop review and the completion of the DTW determination, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000 mg/kg TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg Total TPH and 20,000 mg/kg chloride.

Lateral and vertical delineation soil sampling has been completed in accordance with the strictest Closure Criteria per NMOCD Table I (see Figure 2). Sixteen lateral delineation soil sample locations (SS01 through SS13 and SS20 through SS22) were collected from around the release extent at ground surface and 1-foot bgs and all were in compliance with the strictest Closure Criteria. Vertical delineation soil sample location BH06 and BH23 were in compliance with the strictest Closure Criteria at ground surface and at a depth of 1-foot bgs, 2 feet bgs in BH04 and BH08 and 3 ft bgs in BH09 (see Table 1). Vertical delineation soil sample locations BH07 and BH10 were in compliance with Site closure Criteria and will be completed to strictest Closure Criteria during the excavation process. Eleven vertical delineation soil sample locations (BH11 through BH14 and BH16 through BH22) were collected from off-pad area at ground surface and a depth of 0.5 feet bgs to check for any potential overspray and all were in compliance with the strictest Site Closure Criteria. Devon would like to request a confirmation sampling variance for excavation floor samples collected every 400 sq. ft. from the floor of the excavation and every 200 sq. ft. from the sidewalls of the excavation where applicable. Devon is in the process of selecting a subcontractor to complete remediation activities and will submit a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC following excavation and confirmation sampling activities. Due to the size of the impacted area, and a regional depth to groundwater greater than 110 ft bgs, Devon believes this *variance request* will provide equal or better protection of public health, the environment. Devon respectfully requests approval for this *variance request* associated with Incident Number (nAPP2506428775).

Thanks,



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

From: [Wells, Shelly, EMNRD](#)
To: [Cole Burton](#); [Raley, Jim](#)
Cc: [Ashley Giovengo](#); [Bratcher, Michael, EMNRD](#)
Subject: RE: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Marwari 28 CTB 2 - nAPP2506428775
Date: Friday, May 30, 2025 8:57:40 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

[**EXTERNAL EMAIL**]

Good morning Cole,

The extension request for NAPP2506428775 MARWARI 28 CTB 2 is approved. The new due date to submit your updated remediation plan or closure report to the OCD is September 1, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports 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: Friday, May 30, 2025 8:12 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 - nAPP2506428775

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 June 2, 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 nAPP2506428775). The release occurred on March 4, 2025, and impacted an area within a lined containment, on-pad approximately 15,812 square feet in size and a mist zone off-pad approximately 136,977 square feet in size. A liner inspection was completed on March 25, 2025, and was determined that the liner remained intact. Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria has been completed at the Site and the off-pad mist zone was determined to have minimal contamination. A desktop environmental review and Sundry have been completed for the off-pad area and it was determined that there are no environmental mitigations. Excavation of the subject matter release will begin as soon as Devon selects a subcontractor to complete excavation activities. Depth to water (DTW) in the area is believed to be greater than 100 feet below ground surface (bgs) and a DTW boring will be completed within 0.5 miles to confirm that water is greater than 100 feet bgs. Devon intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Devon respectfully requests a 90-day extension until August 31, 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 490749

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490749
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 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	03/04/2025
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	08/04/2025
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
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 490749

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490749
	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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Phone: (505) 476-3441

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

QUESTIONS

Action 490757

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490757
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 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	03/04/2025
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	08/05/2025
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 490757

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490757
	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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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 490761

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490761
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 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	03/04/2025
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	08/06/2025
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 490761

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490761
	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

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

QUESTIONS

Action 490762

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490762
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 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	03/04/2025
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	08/07/2025
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
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 490762

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490762
	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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 490766

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490766
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 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	03/04/2025
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
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 490766

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490766
	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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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 490769

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490769
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 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	03/04/2025
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 490769

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490769
	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 490770

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490770
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 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	03/04/2025
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 490770

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490770
	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 490771

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490771
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 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	03/04/2025
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 490771

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 490771
	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 496377

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 496377
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 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	03/04/2025
Surface Owner	Federal

Liner Inspection Event Information	
<i>Please answer all the questions in this group.</i>	
What is the liner inspection surface area in square feet	12,614
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	08/19/2025
Time liner inspection will commence	09:00 AM
Please provide any information necessary for observers to liner inspection	Jenna Hinkle (510-417-5262) will be completing the liner inspection.
Please provide any information necessary for navigation to liner inspection site	32.105561, -103.676714

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CONDITIONS

Action 496377

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 496377
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	8/15/2025

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QUESTIONS

Action 534136

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534136
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2506428775
Incident Name	NAPP2506428775 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	03/04/2025
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 Pump Produced Water Released: 34 BBL Recovered: 31 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Piping nipple developed pinhole leak on water transfer pump. Approx. 6 bbls was contained within lined secondary containment. Approx 28 bbls impacted the pad surface from spraying over containment wall. Approx 31 bbls was recovered by vac truck from both containment and pad surface..

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QUESTIONS, Page 2

Action 534136

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534136
	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@dv.com Date: 12/12/2025
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QUESTIONS, Page 3

Action 534136

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534136
	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)	8300
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	85
GRO+DRO (EPA SW-846 Method 8015M)	0
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	08/04/2025
On what date will (or did) the final sampling or liner inspection occur	08/19/2025
On what date will (or was) the remediation complete(d)	08/13/2025
What is the estimated surface area (in square feet) that will be reclaimed	22232
What is the estimated volume (in cubic yards) that will be reclaimed	2464
What is the estimated surface area (in square feet) that will be remediated	22232
What is the estimated volume (in cubic yards) that will be remediated	2464
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 534136

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534136
	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@dmv.com Date: 12/12/2025
<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 534136

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534136
	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 534136

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534136
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	490775
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/15/2025
What was the (estimated) number of samples that were to be gathered	106
What was the sampling surface area in square feet	32087

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	22232
What was the total volume (cubic yards) remediated	2464
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	22232
What was the total volume (in cubic yards) reclaimed	2464
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: 12/12/2025

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 7

Action 534136

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 534136
	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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 534136

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CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved.	12/12/2025