



March 11, 2026

New Mexico Energy Minerals and Natural Resources Department

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

**Re: Closure Request
Thistle Unit 28 CTB 1
Incident Number nAPP2526526528
Lea County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities at the Thistle Unit 28 CTB 1 (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following remediation of a release of produced water onto the well pad. Based on field observations, field screening activities, and soil sample laboratory analytical results, Devon is submitting this *Closure Request*, describing Site assessment, excavation, and delineation activities that have occurred and requesting no further action for Incident Number nAPP2526526528.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit C, Section 28, Township 23 South, Range 33 East, in Lea County, New Mexico (32.282329°, -103.580202°) and is associated with oil and gas exploration and production operations on private land owned by LandBridge Company LLC.

On September 18, 2025, a dump valve corroded allowing approximately 8 barrels (bbls) of produced water onto the caliche pad. An estimated total of 5 bbls were recovered. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via on the NMOCD Portal on September 22, 2025, and submitted a Release Notification Form C-141 (Form C-141) on September 25, 2025. The release was assigned Incident Number nAPP2526526528. The Form C-141 can be referenced on the NMOCD Portal.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization are summarized below and detailed in the NMOCD Portal Form C-141 Site Characterization section. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-5047, located approximately 230 feet west of the Site, which was



drilled to assess for depth to groundwater in the immediate region and was subsequently plugged and abandoned. The well permit reported depth to groundwater as greater than 55 feet below ground surface (bgs) and a total depth of 55 feet bgs. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 2.1 miles northwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

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

SITE ASSESSMENT ACTIVITIES

On September 24, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Beginning on October 2, 2025, eight delineation soil samples were collected around the release extent (SS01 through SS04) at ground surface and 1-foot bgs to assess the lateral extent of the impacted area, and three boreholes (BH01 through BH03) were advanced to depths ranging from 1-foot to 3 feet bgs within the release extent to assess the vertical extent of the impacted soil. The delineation soil samples were field screened for chloride and TPH utilizing Hach® QuanTab® chloride test strips and a PetroFLAG® Soil Analyzer System, respectively. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Field screening results and observations for the boreholes were logged on lithologic soil sampling logs, which are included in Appendix B. Photographs can be found in Appendix C.

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

Devon Energy Production Company, LP
Closure Request
Thistle Unit 28 CTB 2



EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

On February 17 through 19, 2026, impacted soil was removed via surface scrape from the release area as indicated by visible staining and delineation soil sampling results. The surface scrape was completed using a backhoe, hand digging, and dump trucks. The surface scrape occurred around the separators. To direct activities, Ensolum personnel field screened soil for chloride and TPH.

Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples (FS01 through FS11) representing no more than 200 square feet from the scraped area. The 5-point composite samples were collected by placing five equivalent aliquots of soil from 0.5 feet bgs into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Due to the shallow nature of the surface scrape, the sidewall soil samples were incorporated into the floor confirmation samples. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The scraped area and confirmation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 2,154 square feet. A total of approximately 60 cubic yards of waste-containing soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Northern Delaware Basin Landfill, New Mexico. After completion of confirmation sampling, the scraped areas were secured with fencing.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples collected at ground surface and in the subsurface at SS01 through SS04 were all in compliance with the strictest Closure Criteria per NMOCDC Table I. Laboratory analytical results for soil samples collected from boreholes BH01 through BH03 at depths ranging from 1-foot to 3 feet bgs indicated all COCs were in compliance with the strictest Closure Criteria.

Laboratory analytical results for confirmation soil samples FS01 through FS11 indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results are summarized in Tables 1 and 2 and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

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

The surface scrape of impacted soil has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be greater than 55 feet bgs and no other sensitive receptors were identified near the release extent. Devon believes these remedial actions are protective of human health, the environment, and groundwater. As such, Devon respectfully requests closure for Incident Number nAPP2526526528.

Devon Energy Production Company, LP
Closure Request
Thistle Unit 28 CTB 2



If you have any questions or comments, please contact Mrs. Ashley Urzedo 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 reads "Daniel R. Moir".

Daniel R. Moir, PG (licensed in WY & TX)
Associate Principal, Geologist

Cc: Jim Raley, Devon

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Figure 3 Confirmation Soil Sample Locations

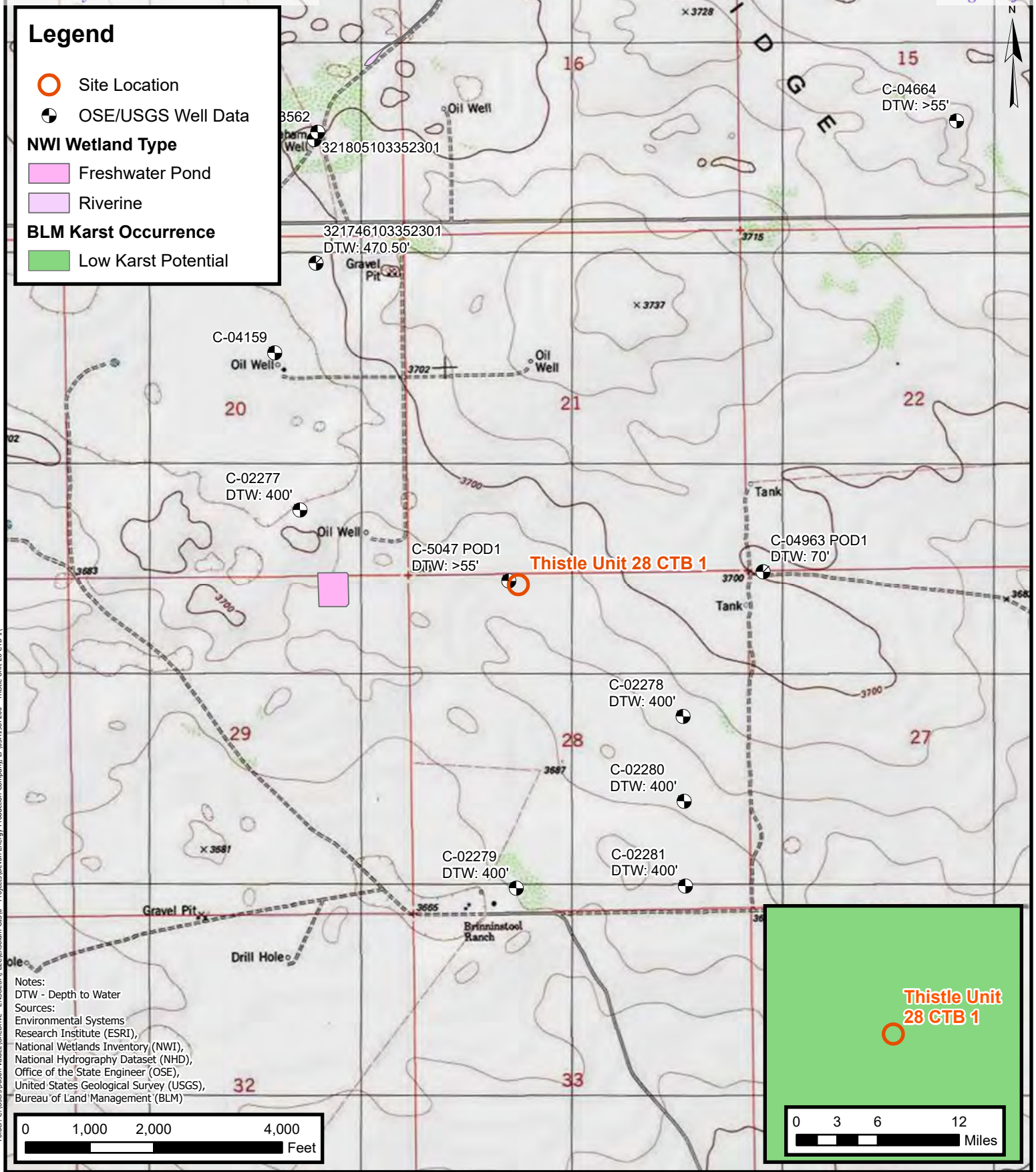
- Table 1 Soil Sample Analytical Results (Delineation Soil Samples)
- Table 2 Soil Sample Analytical Results (Confirmation Soil Samples)

- Appendix A Well Record and Log
- Appendix B Lithologic Soil Sampling Logs
- Appendix C Photographic Log
- Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix E NMOCD Correspondence



FIGURES





Folder: C:\Users\Justin.Velez\OneDrive - ENSOLUM, LLC\OneDrive - ENSOLUM, LLC\Projects\Devon Energy Production Company, LP\03A1987200 - Thistle Unit 28 CTB 1

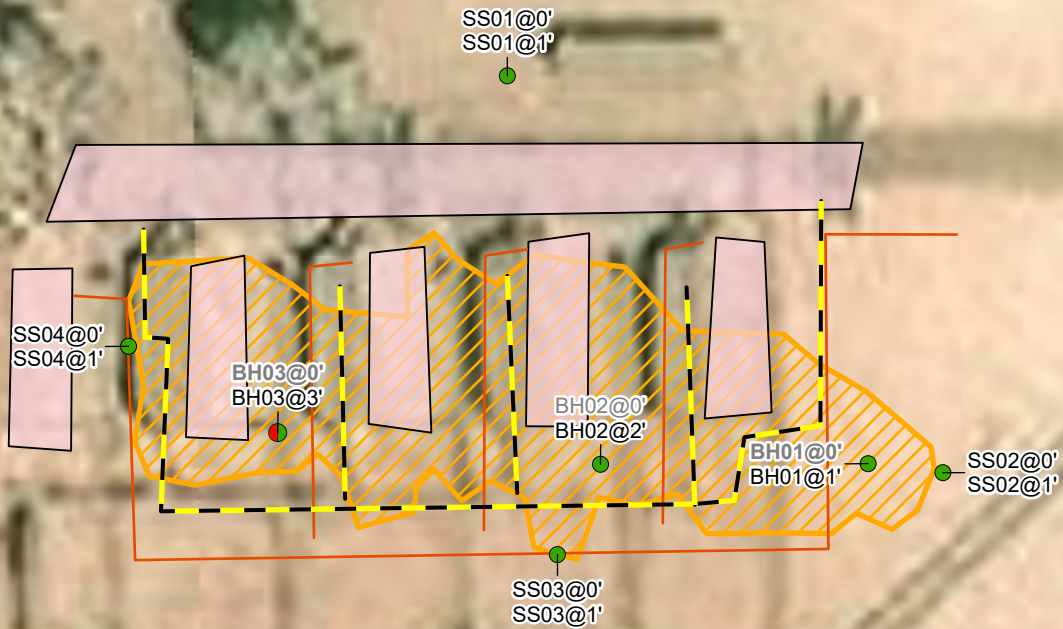


Site Receptor Map
 Devon Energy Production Company, LP
 Thistle Unit 28 CTB 1
 Incident Number: nAPP2526526528
 Unit C, Section 28, T 23S, R 33E
 Lea County, New Mexico

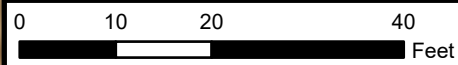
FIGURE
 1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Pipeline
- Electrical
- Infrastructure
- Release Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Concentrations in **bold** exceed the NMOCD Table I
 Closure Criteria reclamation standard where applicable.
 Grey text indicate soil sample was removed during
 excavation activities.



Sources: Environmental Systems Research Institute (ESRI)



Delineation Soil Sample Locations

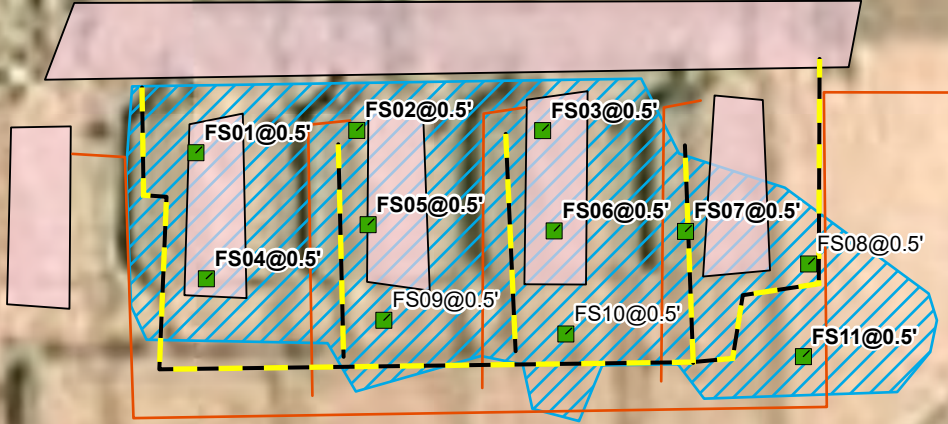
Devon Energy Production Company, LP
 Thistle Unit 28 CTB 1
 Incident Number: nAPP2526526528
 Unit C, Section 28, T 23S, R 33E
 Lea County, New Mexico

FIGURE

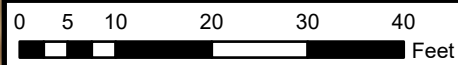
2

Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- Pipeline
- Electrical
- Infrastructure
- Excavation Extent



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in bold indicate sample exceed the reclamation standard where applicable



Sources: Environmental Systems Research Institute (ESRI)



Confirmation Soil Sample Location

Devon Energy Production Company, LP
 Thistle Unit 28 CTB 1
 Incident Number: nAPP2526526528
 Unit C, Section 28, T 23S, R 33E
 Lea County, New Mexico

FIGURE
3



TABLES

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Thistle Unit 28 CTB 1
 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 Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples										
SS01	10/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	52.8
SS01	10/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	32.9
SS02	10/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.3
SS02	10/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	10/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	10/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	10/2/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	105
SS04	10/2/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	88.4
BH01	10/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,760
BH01	10/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	320
BH02	10/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	431
BH02	10/10/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH03	10/10/2025	0	<0.0250	<0.0500	<20.0	3,350	2,720	3,350	6,070	3,350
BH03	10/10/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	240

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Red text represents samples that exceed Closure Criteria

"<": Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 Thistle Unit 28 CTB 1
 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 Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Confirmation Soil Samples										
FS01	2/19/2026	0.5	<0.0250	<0.0500	<20.0	28.5	53.9	28.5	82.4	5,830
FS02	2/19/2026	0.5	<0.0250	<0.0500	<20.0	99.6	68.7	99.6	168.3	8,470
FS03	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,580
FS04	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,780
FS05	2/19/2026	0.5	<0.0250	<0.0500	<20.0	178	583	178	761	745
FS06	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	5,000
FS07	2/19/2026	0.5	<0.0250	<0.0500	<20.0	27.4	<50.0	27.4	27.4	8,160
FS08	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	102
FS09	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	137
FS10	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS11	2/19/2026	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	684

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Red text represents samples that exceed Closure Criteria

"<": Laboratory Analytical result is less than reporting limit

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



APPENDIX A

Well Log and Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C 5047		WELL TAG ID NO.		OSE FILE NO(S). POD 1		
	WELL OWNER NAME(S) Devon Energy Production Company, LP				PHONE (OPTIONAL) 575-689-7597		
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr.				CITY Carlsbad	STATE NM	ZIP 88220
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 16	SECONDS 56.44	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE 103	34	50.32	W	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE U-C, Sec 28, T23S, R33E							

2. DRILLING & CASING INFORMATION	LICENSE NO. 1755	NAME OF LICENSED DRILLER John Norris			NAME OF WELL DRILLING COMPANY Hungry Horse, LLC			
	DRILLING STARTED 2/9/2026	DRILLING ENDED 2/9/2026	DEPTH OF COMPLETED WELL (FT) NA	BORE HOLE DEPTH (FT) 55	DEPTH WATER FIRST ENCOUNTERED (FT) NA			
	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) NA	DATE STATIC MEASURED NA		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	55	6	pvc	coupling	3	1/4	2

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				

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	5	5	sand	Y <input checked="" type="checkbox"/> N	
	5	40	35	caliche rock	Y <input checked="" type="checkbox"/> N	
	40	47	7	sand	Y <input checked="" type="checkbox"/> N	
	47	53	6	caliche rock	Y <input checked="" type="checkbox"/> N	
	53	55	2	clay	Y <input checked="" type="checkbox"/> N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY: NA					TOTAL ESTIMATED WELL YIELD (gpm): NA	

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: Drilled and plugged according to approved drilling and plugging permit	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Dean Parent		


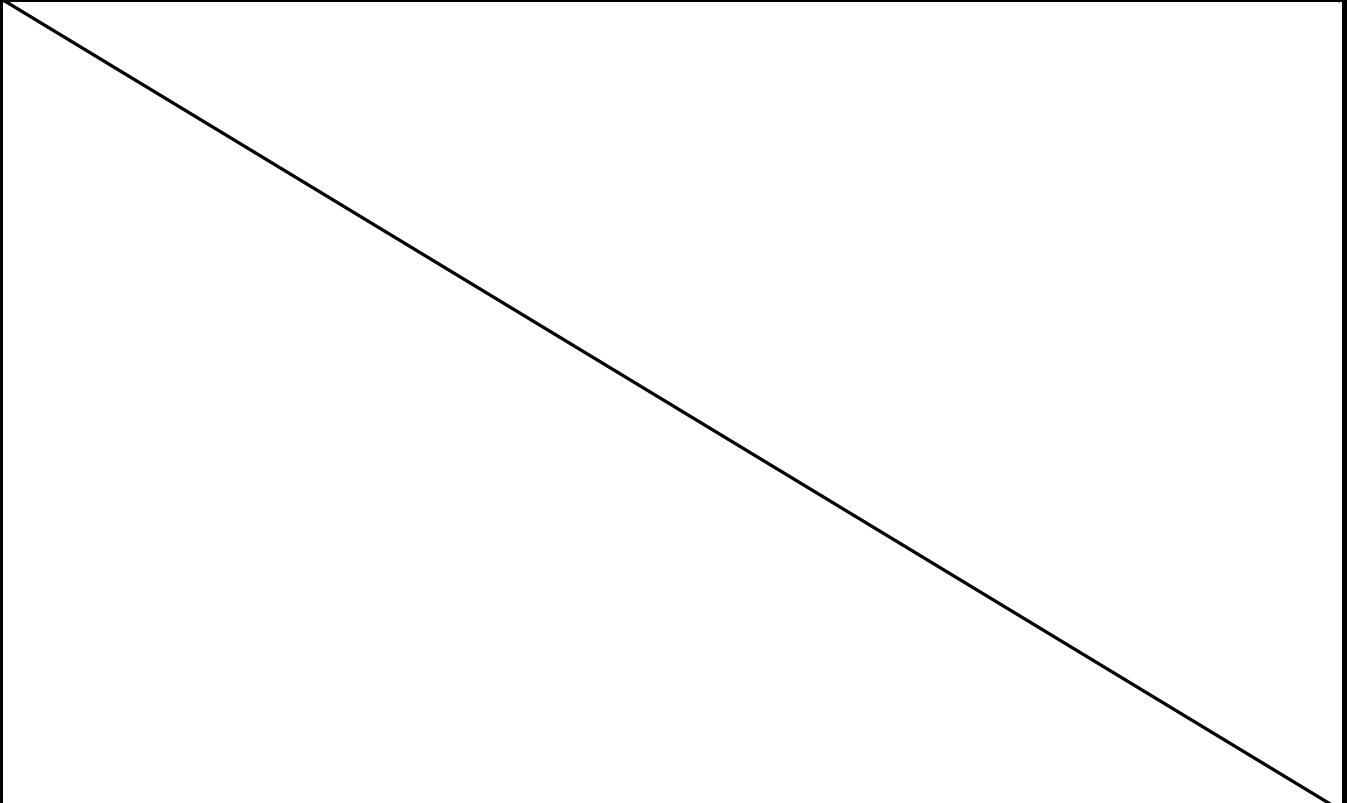
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	John Norris	3/2/2026
	SIGNATURE OF DRILLER / PRINT SIGNEE NAME	DATE


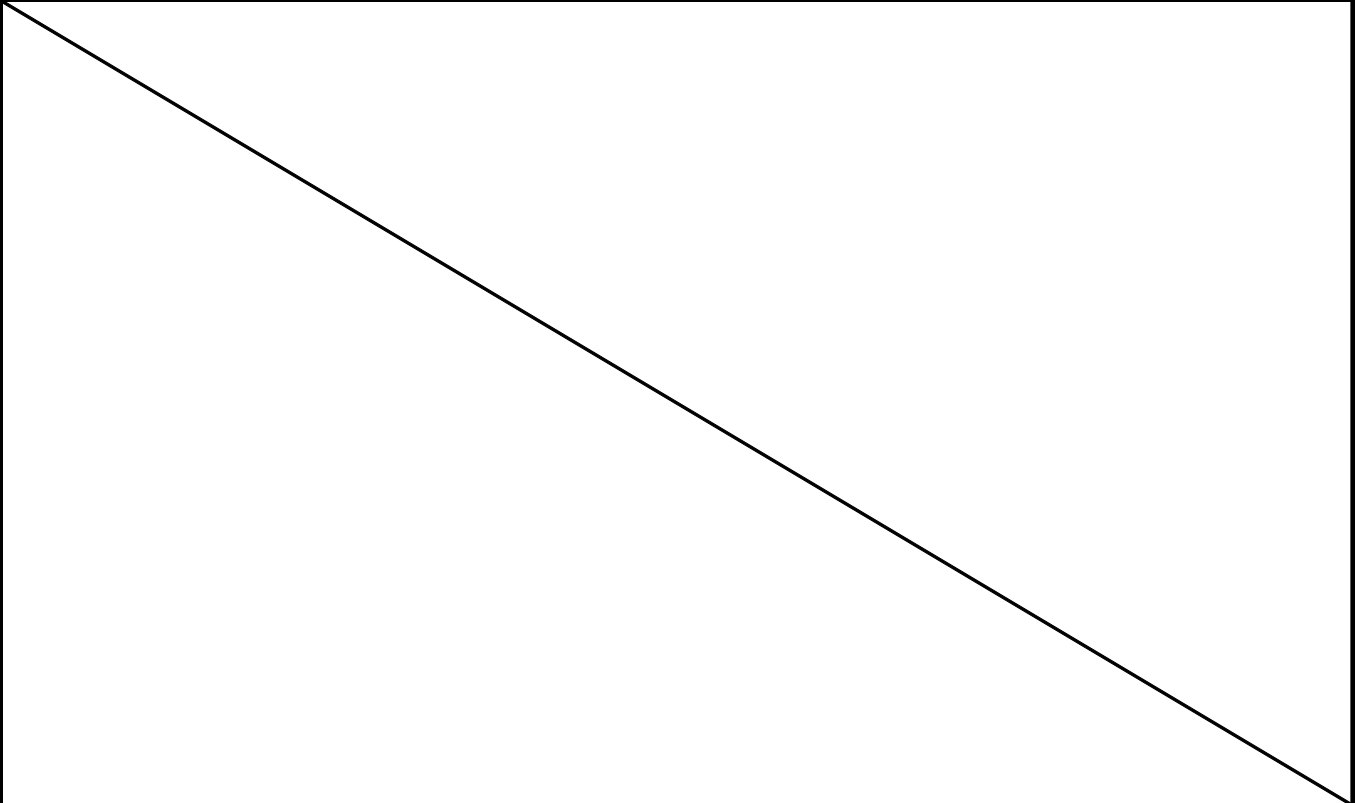
FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2


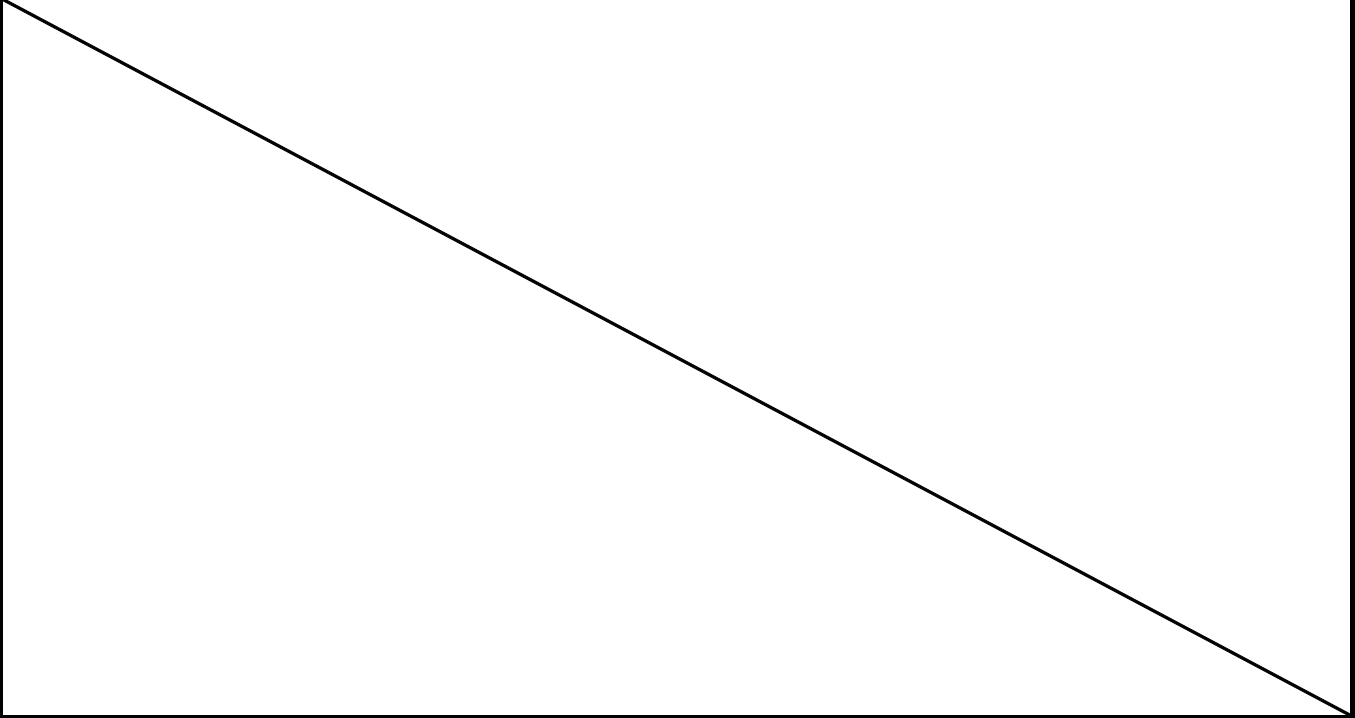


APPENDIX B

Lithologic Soil Sampling Logs

					Sample Name: BH01		Date: 10/10/2025	
					Site Name: Thistle Unit 28 CTB 1			
					Incident Number: nAPP2526526528			
					Job Number: 03A1987200			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: US		Method: Hand Auger	
Coordinates: 32.282093, -103.579562					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. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y	BH01	0	0	CCHE	(0') CALICHE, tannish brown, fine to medium grain, with small gravel, well graded, non-cohesive.
M	364	26	N	BH01	1	1		SP
M	<162.4	14	N			2	(2-3') SAND with little clay, dark brown, fine grain, poorly graded, non-plastic.	
M	<162.4		N			3		
Total Depth @ 3 feet bgs								
								

								Sample Name: BH02		Date: 10/10/2025	
								Site Name: Thistle Unit 28 CTB 1			
								Incident Number: nAPP2526526528			
								Job Number: 03A1987200			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: US		Method: Hand Auger	
Coordinates: 32.282094, -103.579653								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. 40% correction factors included.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			Y	BH02	0	0	CCHE	(0') CALICHE, gray brown, fine to coarse grain, small to medium gravel, well graded, non-cohesive.			
M	655.2		N			1	SP	(1') SAND, dark brown, fine grain, poorly graded, non-cohesive.			
M	<162.4	24	N	BH02	2	2		(2-3') SAND with little clay, dark brown, fine grain, poorly graded, non-plastic.			
M	<162.4	28	N			3					
Total Depth @ 3 feet bgs											
											



					Sample Name: BH03		Date: 10/10/2025	
					Site Name: Thistle Unit 28 CTB 1			
					Incident Number: nAPP2526526528			
					Job Number: 03A1987200			
LITHOLOGIC / SOIL SAMPLING LOG					Logged By: US		Method: Hand Auger	
Coordinates: 32.282104, -103.579761					Hole Diameter: 3"		Total Depth: 4'	
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. 40% correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M	4,317.6	>1,250	Y	BH03	0	0	CCHE	(0') CALICHE, brown, fine to coarse grain sand, small to medium gravel, well graded, non-cohesive.
M	1,226.4	157	N			1	SP	(1-2') SAND with trace clay, dark brown, fine grain, poorly graded, non-plastic.
M	1,663.2		N			2		
M	274.4	11	N	BH03	3	3		
M	274.4	30	N			4		(3-4') SAND with trace clay, brown, fine grain, poorly graded, non-plastic.
Total Depth @ 4 feet bgs								
								



APPENDIX C





Photographic Log

Photographic Log
Devon Energy Production Company, LP
Thistle Unit 28 CTB 1
nAPP2526526528

<p><u>Photograph</u> 1</p>	<p><u>Date</u> 9/24/2025</p>	
<p><u>Description</u> Site Investigation</p>		
<p><u>View</u> Southwest</p>		
<p><u>Photograph</u> 2</p>	<p><u>Date</u> 9/24/2025</p>	
<p><u>Description</u> Site Investigation</p>		
<p><u>View</u> Northeast</p>		

Photographic Log





Devon Energy Production Company, LP
Thistle Unit 28 CTB 1
nAPP2526526528

<p><u>Photograph</u> 3</p>	<p><u>Date</u> 10/2/2025</p>	 <p>☉ 338°N (T) LAT: 32.282067 LON: -103.579675 ±13ft ▲ 3666ft</p>
<p><u>Description</u> Delineation</p>		
<p><u>View</u> Northwest</p>		<p>SS03 Ensolum, LLC</p> <p>Thistle Unit 28 CTB 1 02 Oct 2025, 12:29:39</p>
<p><u>Photograph</u> 4</p>	<p><u>Date</u> 10/2/2025</p>	 <p>☉ 43°NE (T) LAT: 32.282093 LON: -103.579825 ±9ft ▲ 3700ft</p>
<p><u>Description</u> Delineation</p>		
<p><u>View</u> Northeast</p>		<p>SS04 Ensolum, LLC</p> <p>Thistle Unit 28 CTB 1 02 Oct 2025, 12:30:33</p>

Photographic Log
 Devon Energy Production Company, LP
 Thistle Unit 28 CTB 1
 nAPP2526526528

<p><u>Photograph</u> 5</p>	<p><u>Date</u> 10/10/2025</p>	
<p><u>Description</u> Delineation</p>		
<p><u>View</u> North</p>		<p>BH03 Ensolum, LLC</p> <p align="right">Thistle Unit 28 CTB 1 10 Oct 2025 13:38:31</p>
<p><u>Photograph</u> 6</p>	<p><u>Date</u> 10/10/2025</p>	
<p><u>Description</u> Delineation</p>		
<p><u>View</u> Southwest</p>		<p>BH01 Ensolum, LLC</p> <p align="right">Thistle Unit 28 CTB 1 10 Oct 2025 15:09:26</p>

Photographic Log
 Devon Energy Production Company, LP
 Thistle Unit 28 CTB 1
 nAPP2526526528

<p><u>Photograph</u> 7</p>	<p><u>Date</u> 2/19/2026</p>	
<p><u>Description</u> Excavation</p>		
<p><u>View</u> Southwest</p>		<p>Excavation Ensolum, LLC</p> <p>Thistle Unit 28 CTB 1h 19 Feb 2026, 10:29:57</p>
<p><u>Photograph</u> 8</p>	<p><u>Date</u> 2/19/2025</p>	
<p><u>Description</u> Excavation</p>		
<p><u>View</u> East</p>		<p>Excavation Ensolum, LLC</p> <p>Thistle Unit 28 CTB 1h 19 Feb 2026, 13:08:47</p>

Photographic Log
 Devon Energy Production Company, LP
 Thistle Unit 28 CTB 1
 nAPP2526526528

<p><u>Photograph</u> 9</p>	<p><u>Date</u> 2/19/2025</p>	<p>Excavation Ensolum,LLC</p> <p>Thistle Unit 28 CTB 1h 19 Feb 2026, 13:08:39</p>
<p><u>Description</u> Excavation</p>		This content is merged into the previous row's image area
<p><u>View</u> North</p>		This content is merged into the previous row's image area
<p><u>Photograph</u> 10</p>	<p><u>Date</u> 2/19/2025</p>	<p>Excavation Ensolum,LLC</p> <p>Thistle Unit 28 CTB 1h 19 Feb 2026, 10:30:17</p>
<p><u>Description</u> Excavation</p>		This content is merged into the previous row's image area
<p><u>View</u> North</p>		This content is merged into the previous row's image area



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit 28 CTB 1

Work Order: E510046

Job Number: 01058-0007

Received: 10/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/10/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 10/10/25



Ashley Giovengo
333 W Sheridan Avenue
Oklahoma City, OK 73102-5010

Project Name: Thistle Unit 28 CTB 1
Workorder: E510046
Date Received: 10/6/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/6/2025 8:00:00AM, under the Project Name: Thistle Unit 28 CTB 1.

The analytical test results summarized in this report with the Project Name: Thistle Unit 28 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/25 09:12
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E510046-01A	Soil	10/02/25	10/06/25	Glass Jar, 2 oz.
SS01-1'	E510046-02A	Soil	10/02/25	10/06/25	Glass Jar, 2 oz.
SS02-0'	E510046-03A	Soil	10/02/25	10/06/25	Glass Jar, 2 oz.
SS02-1'	E510046-04A	Soil	10/02/25	10/06/25	Glass Jar, 2 oz.
SS03-0'	E510046-05A	Soil	10/02/25	10/06/25	Glass Jar, 2 oz.
SS03-1'	E510046-06A	Soil	10/02/25	10/06/25	Glass Jar, 2 oz.
SS04-0'	E510046-07A	Soil	10/02/25	10/06/25	Glass Jar, 2 oz.
SS04-1'	E510046-08A	Soil	10/02/25	10/06/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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SS01-0'

E510046-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2541014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/25	10/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/25	10/06/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	10/06/25	10/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2541032
Chloride	52.8	20.0	1	10/06/25	10/07/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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SS01-1'

E510046-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		114 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2541014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/25	10/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/25	10/06/25	
<i>Surrogate: n-Nonane</i>		99.7 %	61-141	10/06/25	10/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2541032
Chloride	32.9	20.0	1	10/06/25	10/07/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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SS02-0'

E510046-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		117 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2541014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/25	10/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/25	10/06/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/06/25	10/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2541032
Chloride	26.3	20.0	1	10/06/25	10/07/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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SS02-1'

E510046-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		113 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/25	10/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/25	10/06/25	
<i>Surrogate: n-Nonane</i>		99.5 %	61-141	10/06/25	10/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541032
Chloride	ND	20.0	1	10/06/25	10/07/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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SS03-0'

E510046-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2541014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/25	10/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/25	10/06/25	
<i>Surrogate: n-Nonane</i>		97.4 %	61-141	10/06/25	10/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541032
Chloride	ND	20.0	1	10/06/25	10/07/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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SS03-1'

E510046-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		105 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2541014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/25	10/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/25	10/06/25	
<i>Surrogate: n-Nonane</i>		98.7 %	61-141	10/06/25	10/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2541032
Chloride	ND	20.0	1	10/06/25	10/07/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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SS04-0'

E510046-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2541014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/25	10/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/25	10/06/25	
<i>Surrogate: n-Nonane</i>		97.2 %	61-141	10/06/25	10/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2541032
Chloride	105	20.0	1	10/06/25	10/07/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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SS04-1'

E510046-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Benzene	ND	0.0250	1	10/06/25	10/08/25	
Ethylbenzene	ND	0.0250	1	10/06/25	10/08/25	
Toluene	ND	0.0250	1	10/06/25	10/08/25	
o-Xylene	ND	0.0250	1	10/06/25	10/08/25	
p,m-Xylene	ND	0.0500	1	10/06/25	10/08/25	
Total Xylenes	ND	0.0250	1	10/06/25	10/08/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2541017
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/06/25	10/08/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		116 %	70-130	10/06/25	10/08/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: KH		Batch: 2541014
Diesel Range Organics (C10-C28)	ND	25.0	1	10/06/25	10/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/06/25	10/06/25	
<i>Surrogate: n-Nonane</i>		99.3 %	61-141	10/06/25	10/06/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2541032
Chloride	88.4	20.0	1	10/06/25	10/07/25	



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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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 (2541017-BLK1)

Prepared: 10/06/25 Analyzed: 10/08/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.31		8.00		104	70-130			

LCS (2541017-BS1)

Prepared: 10/06/25 Analyzed: 10/08/25

Benzene	4.44	0.0250	5.00		88.7	70-130			
Ethylbenzene	4.36	0.0250	5.00		87.3	70-130			
Toluene	4.42	0.0250	5.00		88.4	70-130			
o-Xylene	4.41	0.0250	5.00		88.3	70-130			
p,m-Xylene	8.87	0.0500	10.0		88.7	70-130			
Total Xylenes	13.3	0.0250	15.0		88.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.27		8.00		103	70-130			

Matrix Spike (2541017-MS1)

Source: E510046-06

Prepared: 10/06/25 Analyzed: 10/08/25

Benzene	4.48	0.0250	5.00	ND	89.6	70-130			
Ethylbenzene	4.40	0.0250	5.00	ND	87.9	70-130			
Toluene	4.47	0.0250	5.00	ND	89.4	70-130			
o-Xylene	4.47	0.0250	5.00	ND	89.5	70-130			
p,m-Xylene	8.94	0.0500	10.0	ND	89.4	70-130			
Total Xylenes	13.4	0.0250	15.0	ND	89.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.28		8.00		104	70-130			

Matrix Spike Dup (2541017-MSD1)

Source: E510046-06

Prepared: 10/06/25 Analyzed: 10/08/25

Benzene	5.11	0.0250	5.00	ND	102	70-130	13.0	27	
Ethylbenzene	5.04	0.0250	5.00	ND	101	70-130	13.7	26	
Toluene	5.10	0.0250	5.00	ND	102	70-130	13.1	20	
o-Xylene	5.06	0.0250	5.00	ND	101	70-130	12.4	25	
p,m-Xylene	10.2	0.0500	10.0	ND	102	70-130	13.3	23	
Total Xylenes	15.3	0.0250	15.0	ND	102	70-130	13.0	26	
Surrogate: 4-Bromochlorobenzene-PID	8.28		8.00		103	70-130			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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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 (2541017-BLK1)

Prepared: 10/06/25 Analyzed: 10/08/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.09		8.00		114	70-130			

LCS (2541017-BS2)

Prepared: 10/06/25 Analyzed: 10/08/25

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.07		8.00		113	70-130			

Matrix Spike (2541017-MS2)

Source: E510046-06

Prepared: 10/06/25 Analyzed: 10/08/25

Gasoline Range Organics (C6-C10)	46.3	20.0	50.0	ND	92.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.16		8.00		115	70-130			

Matrix Spike Dup (2541017-MSD2)

Source: E510046-06

Prepared: 10/06/25 Analyzed: 10/08/25

Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.3	70-130	4.86	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	9.14		8.00		114	70-130			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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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 (2541014-BLK1)

Prepared: 10/06/25 Analyzed: 10/06/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	47.0		50.0		94.0	61-141			

LCS (2541014-BS1)

Prepared: 10/06/25 Analyzed: 10/06/25

Diesel Range Organics (C10-C28)	226	25.0	250		90.3	66-144			
Surrogate: <i>n</i> -Nonane	46.8		50.0		93.5	61-141			

Matrix Spike (2541014-MS1)

Source: E510046-07

Prepared: 10/06/25 Analyzed: 10/06/25

Diesel Range Organics (C10-C28)	232	25.0	250	ND	93.0	56-156			
Surrogate: <i>n</i> -Nonane	48.5		50.0		97.0	61-141			

Matrix Spike Dup (2541014-MSD1)

Source: E510046-07

Prepared: 10/06/25 Analyzed: 10/06/25

Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	56-156	7.23	20	
Surrogate: <i>n</i> -Nonane	50.7		50.0		101	61-141			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/2025 9:12:54AM
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Anions by EPA 300.0/9056A

Analyst: TP

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 (2541032-BLK1)

Prepared: 10/06/25 Analyzed: 10/06/25

Chloride	ND	20.0							
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LCS (2541032-BS1)

Prepared: 10/06/25 Analyzed: 10/06/25

Chloride	257	20.0	250		103	90-110			
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Matrix Spike (2541032-MS1)

Source: E510036-25

Prepared: 10/06/25 Analyzed: 10/06/25

Chloride	257	20.0	250	ND	103	80-120			
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Matrix Spike Dup (2541032-MSD1)

Source: E510036-25

Prepared: 10/06/25 Analyzed: 10/06/25

Chloride	258	20.0	250	ND	103	80-120	0.263	20	
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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 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/10/25 09:12
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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: Thistle Unit 28 CTB 1				Address: 5315 Buena Vista Dr				ES10040		010580007					X	X			
Project Manager: Ashley Gioveno				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: agioveno@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	
10:35	10/2/2025	Soil	1	SS01 - 0'		1								X					
10:45	10/2/2025	Soil	1	SS01 - 1'		2								X					
10:08	10/2/2025	Soil	1	SS02 - 0'		3								X					
10:48	10/2/2025	Soil	1	SS02 - 1'		4								X					
10:09	10/2/2025	Soil	1	SS03 - 0'		5								X					
10:51	10/2/2025	Soil	1	SS03 - 1'		6								X					
10:10	10/2/2025	Soil	1	SS04 - 0'		7								X					
10:54	10/2/2025	Soil	1	SS04 - 1'		8								X					
Additional Instructions: Please CC: cburton@ensolum.com, agioveno@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@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: Israel Estrella																			
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			
<i>[Signature]</i>				10/3/25		7:11		<i>Michelle Gonzales</i>				10-3-25		0711					
<i>Michelle Gonzales</i>				10-3-25		1430		<i>Nathan Gonzalez</i>				10-3-25		1430					
<i>Nathan Gonzalez</i>				10-3-25		1402		<i>Andrew Musso</i>				10-3-25		1400					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
<i>Andrew Musso</i>				10-5-25		2400		<i>Caitlin Mac</i>				10-6-25		800					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA									
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 10/6/2025 10:47:34AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Devon Energy - Carlsbad Date Received: 10/06/25 08:00 Work Order ID: E510046
Phone: (505) 382-1211 Date Logged In: 10/03/25 16:09 Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com Due Date: 10/10/25 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 Instruction

Empty box for client instruction.

Comments/Resolution

Large empty box for comments/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: Thistle Unit 28 CTB 1

Work Order: E510139

Job Number: 01058-0007

Received: 10/14/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/20/25

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: 10/20/25

Ashley Giovengo
333 W Sheridan Avenue
Oklahoma City, OK 73102-5010

Project Name: Thistle Unit 28 CTB 1
Workorder: E510139
Date Received: 10/14/2025 8:00:56AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/14/2025 8:00:56AM, under the Project Name: Thistle Unit 28 CTB 1.

The analytical test results summarized in this report with the Project Name: Thistle Unit 28 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/25 08:45
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E510139-01A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
BH01-1'	E510139-02A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
BH02-0'	E510139-03A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
BH02-2'	E510139-04A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
BH03-0'	E510139-05A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.
BH03-3'	E510139-06A	Soil	10/10/25	10/14/25	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/2025 8:45:53AM
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BH01-0'
E510139-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: SL		Batch: 2542047	
Benzene	ND	0.0250	1	10/14/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/15/25	
Toluene	ND	0.0250	1	10/14/25	10/15/25	
o-Xylene	ND	0.0250	1	10/14/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/15/25	

<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.7 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		96.1 %	70-130	10/14/25	10/15/25	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2542047	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/15/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.7 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		96.1 %	70-130	10/14/25	10/15/25	

Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2542063	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/16/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	10/15/25	10/16/25	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2542079	
Chloride	5760	40.0	2	10/15/25	10/15/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/2025 8:45:53AM
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BH01-1'
E510139-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542047
Benzene	ND	0.0250	1	10/14/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/15/25	
Toluene	ND	0.0250	1	10/14/25	10/15/25	
o-Xylene	ND	0.0250	1	10/14/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/15/25	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.6 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		95.3 %	70-130	10/14/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/15/25	
<i>Surrogate: Bromofluorobenzene</i>		100 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.6 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		95.3 %	70-130	10/14/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/16/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	10/15/25	10/16/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542079
Chloride	320	20.0	1	10/15/25	10/15/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/2025 8:45:53AM
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BH02-0'
E510139-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542047
Benzene	ND	0.0250	1	10/14/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/15/25	
Toluene	ND	0.0250	1	10/14/25	10/15/25	
o-Xylene	ND	0.0250	1	10/14/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/15/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.1 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		95.6 %	70-130	10/14/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/15/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		89.1 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		95.6 %	70-130	10/14/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/16/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/15/25	10/16/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542079
Chloride	431	20.0	1	10/15/25	10/15/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/2025 8:45:53AM
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BH02-2'
E510139-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542047
Benzene	ND	0.0250	1	10/14/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/15/25	
Toluene	ND	0.0250	1	10/14/25	10/15/25	
o-Xylene	ND	0.0250	1	10/14/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/15/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.0 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		95.5 %	70-130	10/14/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2542047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/15/25	
<i>Surrogate: Bromofluorobenzene</i>		104 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.0 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		95.5 %	70-130	10/14/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/16/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	10/15/25	10/16/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2542079
Chloride	ND	20.0	1	10/15/25	10/16/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/2025 8:45:53AM
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BH03-0'
E510139-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: SL		Batch: 2542047
Benzene	ND	0.0250	1	10/14/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/15/25	
Toluene	ND	0.0250	1	10/14/25	10/15/25	
o-Xylene	ND	0.0250	1	10/14/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/15/25	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.8 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		96.2 %	70-130	10/14/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2542047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/15/25	
<i>Surrogate: Bromofluorobenzene</i>		101 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		88.8 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		96.2 %	70-130	10/14/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	3350	50.0	2	10/15/25	10/16/25	
Oil Range Organics (C28-C36)	2720	100	2	10/15/25	10/16/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	10/15/25	10/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT		Batch: 2542079
Chloride	3350	40.0	2	10/15/25	10/16/25	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/2025 8:45:53AM
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BH03-3'
E510139-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: SL		Batch: 2542047
Benzene	ND	0.0250	1	10/14/25	10/15/25	
Ethylbenzene	ND	0.0250	1	10/14/25	10/15/25	
Toluene	ND	0.0250	1	10/14/25	10/15/25	
o-Xylene	ND	0.0250	1	10/14/25	10/15/25	
p,m-Xylene	ND	0.0500	1	10/14/25	10/15/25	
Total Xylenes	ND	0.0250	1	10/14/25	10/15/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.8 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		96.4 %	70-130	10/14/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: SL		Batch: 2542047
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/25	10/15/25	
<i>Surrogate: Bromofluorobenzene</i>		102 %	70-130	10/14/25	10/15/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		87.8 %	70-130	10/14/25	10/15/25	
<i>Surrogate: Toluene-d8</i>		96.4 %	70-130	10/14/25	10/15/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: NV		Batch: 2542063
Diesel Range Organics (C10-C28)	ND	25.0	1	10/15/25	10/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/15/25	10/16/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	10/15/25	10/16/25	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: DT		Batch: 2542079
Chloride	240	20.0	1	10/15/25	10/16/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Thistle Unit 28 CTB 1	Reported: 10/20/2025 8:45:53AM
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	

Volatile Organic Compounds by EPA 8260B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2542047-BLK1)

Prepared: 10/14/25 Analyzed: 10/15/25

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: Bromofluorobenzene	0.516		0.500		103		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500		88.9		70-130		
Surrogate: Toluene-d8	0.483		0.500		96.6		70-130		

LCS (2542047-BS1)

Prepared: 10/14/25 Analyzed: 10/15/25

Benzene	2.40	0.0250	2.50		95.9		70-130		
Ethylbenzene	2.48	0.0250	2.50		99.1		70-130		
Toluene	2.40	0.0250	2.50		95.8		70-130		
o-Xylene	2.53	0.0250	2.50		101		70-130		
p,m-Xylene	5.20	0.0500	5.00		104		70-130		
Total Xylenes	7.72	0.0250	7.50		103		70-130		
Surrogate: Bromofluorobenzene	0.524		0.500		105		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.442		0.500		88.4		70-130		
Surrogate: Toluene-d8	0.478		0.500		95.5		70-130		

Matrix Spike (2542047-MS1)

Source: E510136-03

Prepared: 10/14/25 Analyzed: 10/15/25

Benzene	2.42	0.0250	2.50	ND	96.9		48-131		
Ethylbenzene	2.54	0.0250	2.50	ND	102		45-135		
Toluene	2.43	0.0250	2.50	ND	97.3		48-130		
o-Xylene	2.55	0.0250	2.50	ND	102		43-135		
p,m-Xylene	5.24	0.0500	5.00	ND	105		43-135		
Total Xylenes	7.79	0.0250	7.50	ND	104		43-135		
Surrogate: Bromofluorobenzene	0.520		0.500		104		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.442		0.500		88.4		70-130		
Surrogate: Toluene-d8	0.477		0.500		95.3		70-130		

Matrix Spike Dup (2542047-MSD1)

Source: E510136-03

Prepared: 10/14/25 Analyzed: 10/15/25

Benzene	2.53	0.0250	2.50	ND	101		48-131	4.40	23
Ethylbenzene	2.64	0.0250	2.50	ND	105		45-135	3.59	27
Toluene	2.52	0.0250	2.50	ND	101		48-130	3.47	24
o-Xylene	2.70	0.0250	2.50	ND	108		43-135	5.47	27
p,m-Xylene	5.58	0.0500	5.00	ND	112		43-135	6.33	27
Total Xylenes	8.28	0.0250	7.50	ND	110		43-135	6.05	27
Surrogate: Bromofluorobenzene	0.533		0.500		107		70-130		
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500		89.0		70-130		
Surrogate: Toluene-d8	0.481		0.500		96.1		70-130		



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/2025 8:45:53AM
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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 (2542047-BLK1)

Prepared: 10/14/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500		88.9	70-130			
Surrogate: Toluene-d8	0.483		0.500		96.6	70-130			

LCS (2542047-BS2)

Prepared: 10/14/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	50.3	20.0	50.0		101	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.432		0.500		86.4	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.7	70-130			

Matrix Spike (2542047-MS2)

Source: E510136-03

Prepared: 10/14/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.539		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.447		0.500		89.3	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.3	70-130			

Matrix Spike Dup (2542047-MSD2)

Source: E510136-03

Prepared: 10/14/25 Analyzed: 10/15/25

Gasoline Range Organics (C6-C10)	56.1	20.0	50.0	ND	112	70-130	5.92	20	
Surrogate: Bromofluorobenzene	0.536		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.4	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/2025 8:45:53AM
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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 (2542063-BLK1)

Prepared: 10/15/25 Analyzed: 10/15/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	52.6		50.0		105	61-141			

LCS (2542063-BS1)

Prepared: 10/15/25 Analyzed: 10/15/25

Diesel Range Organics (C10-C28)	273	25.0	250		109	66-144			
Surrogate: <i>n</i> -Nonane	50.7		50.0		101	61-141			

Matrix Spike (2542063-MS1)

Source: E510138-06

Prepared: 10/15/25 Analyzed: 10/15/25

Diesel Range Organics (C10-C28)	305	25.0	250	ND	122	56-156			
Surrogate: <i>n</i> -Nonane	56.7		50.0		113	61-141			

Matrix Spike Dup (2542063-MSD1)

Source: E510138-06

Prepared: 10/15/25 Analyzed: 10/15/25

Diesel Range Organics (C10-C28)	301	25.0	250	ND	121	56-156	1.29	20	
Surrogate: <i>n</i> -Nonane	55.7		50.0		111	61-141			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/20/2025 8:45:53AM
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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 (2542079-BLK1)

Prepared: 10/15/25 Analyzed: 10/15/25

Chloride ND 20.0

LCS (2542079-BS1)

Prepared: 10/15/25 Analyzed: 10/15/25

Chloride 255 20.0 250 102 90-110

Matrix Spike (2542079-MS1)

Source: E510135-06

Prepared: 10/15/25 Analyzed: 10/15/25

Chloride 260 20.0 250 ND 104 80-120

Matrix Spike Dup (2542079-MSD1)

Source: E510135-06

Prepared: 10/15/25 Analyzed: 10/15/25

Chloride 261 20.0 250 ND 105 80-120 0.513 20

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Thistle Unit 28 CTB 1	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/20/25 08:45

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



WO# 21699110

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: Thistle Unit 28 CTB 1				Address: 5315 Buena Vista Dr				ES10139		A05T-0057					X	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			

Sample Information										Analysis and Method								EPA Program		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/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		
1348	10/10/25	S	1	BH01-0'		1								X		2.8				
1352	↓	↓	↓	BH01-1'		2										2.6				
1340	↓	↓	↓	BH02-0'		3										2.9				
1346	↓	↓	↓	BH02-2'		4										3.6				
1154	↓	↓	↓	BH03-0'		5										5.0				
1202	↓	↓	↓	BH03-3'		6										3.2				

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, usantillana@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.

Relinquished by: (Signature) <i>[Signature]</i>						Date	Time	Received by: (Signature) <i>Michelle Gonzales</i>						Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <i>SYN</i>
Relinquished by: (Signature) <i>Michelle Gonzales</i>						10-13-25	900	Received by: (Signature) <i>North Singh</i>						
Relinquished by: (Signature) <i>North Singh</i>						10-13-25	1430	Received by: (Signature) <i>Andrewe Musso</i>						
Relinquished by: (Signature) <i>Andrewe Musso</i>						10-13-25	1900	Received by: (Signature) <i>Carthi Ma</i>						
Relinquished by: (Signature)						Date	Time	Received by: (Signature)						

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: 10/14/2025 10:49:40AM

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: 10/14/25 08:00 Work Order ID: E510139
Phone: (505) 382-1211 Date Logged In: 10/13/25 16:29 Logged In By: Joslyn Meidinger
Email: agiovengo@ensolum.com Due Date: 10/20/25 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/Resolution

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

Empty box for Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit 28 CTB 1

Work Order: E602251

Job Number: 01058-0007

Received: 2/23/2026

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/27/26

5796 U.S. Hwy 64
Farmington, NM 87401

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



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



Date Reported: 2/27/26

Ashley Giovengo
333 W Sheridan Avenue
Oklahoma City, OK 73102-5010

Project Name: Thistle Unit 28 CTB 1
Workorder: E602251
Date Received: 2/23/2026 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/23/2026 7:30:00AM, under the Project Name: Thistle Unit 28 CTB 1.

The analytical test results summarized in this report with the Project Name: Thistle Unit 28 CTB 1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 02/27/26 10:13
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-.5	E602251-01A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
FS02-.5	E602251-02A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
FS03-.5	E602251-03A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
FS04-.5	E602251-04A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
FS05-.5	E602251-05A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
FS06-.5	E602251-06A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
FS07-.5	E602251-07A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
FS08-.5	E602251-08A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
FS09-.5	E602251-09A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
FS10-.5	E602251-10A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.
FS11-.5	E602251-11A	Soil	02/19/26	02/23/26	Glass Jar, 2 oz.

Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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FS01-.5

E602251-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	mg/kg	Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.3 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	28.5	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	53.9	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		91.5 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A		mg/kg	mg/kg	Analyst: TP		Batch: 2609004
Chloride	5830	100	5	02/23/26	02/23/26	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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FS02-.5

E602251-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.1 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	99.6	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	68.7	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		84.5 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	8470	100	5	02/23/26	02/23/26	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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FS03-.5

E602251-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.6 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		86.3 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	6580	100	5	02/23/26	02/23/26	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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FS04-.5

E602251-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.6 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		90.5 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	7780	100	5	02/23/26	02/23/26	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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FS05-.5

E602251-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.8 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	178	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	583	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		91.0 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	745	20.0	1	02/23/26	02/23/26	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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FS06-.5

E602251-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		112 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.7 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		90.3 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	5000	40.0	2	02/23/26	02/23/26	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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FS07-.5

E602251-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.3 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	27.4	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		94.5 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	8160	200	10	02/23/26	02/23/26	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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FS08-.5

E602251-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.9 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		90.9 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	102	20.0	1	02/23/26	02/23/26	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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FS09-.5

E602251-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.1 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		95.8 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	137	20.0	1	02/23/26	02/24/26	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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FS10-.5

E602251-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.3 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		88.7 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	ND	20.0	1	02/23/26	02/24/26	



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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FS11-.5

E602251-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Benzene	ND	0.0250	1	02/23/26	02/23/26	
Ethylbenzene	ND	0.0250	1	02/23/26	02/23/26	
Toluene	ND	0.0250	1	02/23/26	02/23/26	
o-Xylene	ND	0.0250	1	02/23/26	02/23/26	
p,m-Xylene	ND	0.0500	1	02/23/26	02/23/26	
Total Xylenes	ND	0.0250	1	02/23/26	02/23/26	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		111 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2609005
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/23/26	02/23/26	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		99.3 %	70-130	02/23/26	02/23/26	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: RAS		Batch: 2609008
Diesel Range Organics (C10-C28)	ND	25.0	1	02/23/26	02/23/26	
Oil Range Organics (C28-C36)	ND	50.0	1	02/23/26	02/23/26	
<i>Surrogate: n-Nonane</i>		89.5 %	61-141	02/23/26	02/23/26	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: TP		Batch: 2609004
Chloride	684	20.0	1	02/23/26	02/24/26	



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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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 (2609005-BLK1)

Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.69		8.00		109	70-130			

LCS (2609005-BS1)

Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	4.94	0.0250	5.00		98.7	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.7	70-130			
Toluene	4.84	0.0250	5.00		96.8	70-130			
o-Xylene	4.84	0.0250	5.00		96.9	70-130			
p,m-Xylene	9.69	0.0500	10.0		96.9	70-130			
Total Xylenes	14.5	0.0250	15.0		96.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.74		8.00		109	70-130			

Matrix Spike (2609005-MS1)

Source: E602251-11

Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	4.96	0.0250	5.00	ND	99.3	70-130			
Ethylbenzene	4.77	0.0250	5.00	ND	95.4	70-130			
Toluene	4.87	0.0250	5.00	ND	97.4	70-130			
o-Xylene	4.87	0.0250	5.00	ND	97.5	70-130			
p,m-Xylene	9.76	0.0500	10.0	ND	97.6	70-130			
Total Xylenes	14.6	0.0250	15.0	ND	97.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.84		8.00		110	70-130			

Matrix Spike Dup (2609005-MSD1)

Source: E602251-11

Prepared: 02/23/26 Analyzed: 02/23/26

Benzene	4.75	0.0250	5.00	ND	95.1	70-130	4.36	27	
Ethylbenzene	4.59	0.0250	5.00	ND	91.7	70-130	3.94	26	
Toluene	4.68	0.0250	5.00	ND	93.5	70-130	4.04	20	
o-Xylene	4.70	0.0250	5.00	ND	94.0	70-130	3.61	25	
p,m-Xylene	9.38	0.0500	10.0	ND	93.8	70-130	3.93	23	
Total Xylenes	14.1	0.0250	15.0	ND	93.9	70-130	3.82	26	
Surrogate: 4-Bromochlorobenzene-PID	8.87		8.00		111	70-130			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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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 (2609005-BLK1)

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.04		8.00		100	70-130			

LCS (2609005-BS2)

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	57.0	20.0	50.0		114	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.16		8.00		102	70-130			

Matrix Spike (2609005-MS2)

Source: E602251-11

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	57.4	20.0	50.0	ND	115	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			

Matrix Spike Dup (2609005-MSD2)

Source: E602251-11

Prepared: 02/23/26 Analyzed: 02/23/26

Gasoline Range Organics (C6-C10)	58.4	20.0	50.0	ND	117	70-130	1.76	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.13		8.00		102	70-130			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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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 (2609008-BLK1)

Prepared: 02/23/26 Analyzed: 02/23/26

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	44.0		50.0		88.0	61-141			

LCS (2609008-BS1)

Prepared: 02/23/26 Analyzed: 02/23/26

Diesel Range Organics (C10-C28)	250	25.0	250		99.8	66-144			
Surrogate: <i>n</i> -Nonane	43.5		50.0		87.0	61-141			

Matrix Spike (2609008-MS1)

Source: E602251-03

Prepared: 02/23/26 Analyzed: 02/23/26

Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156			
Surrogate: <i>n</i> -Nonane	44.2		50.0		88.4	61-141			

Matrix Spike Dup (2609008-MSD1)

Source: E602251-03

Prepared: 02/23/26 Analyzed: 02/23/26

Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	56-156	0.0349	20	
Surrogate: <i>n</i> -Nonane	44.5		50.0		89.0	61-141			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/27/2026 10:13:34AM
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Anions by EPA 300.0/9056A

Analyst: TP

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 (2609004-BLK1)

Prepared: 02/23/26 Analyzed: 02/23/26

Chloride ND 20.0

LCS (2609004-BS1)

Prepared: 02/23/26 Analyzed: 02/23/26

Chloride 246 20.0 250 98.4 90-110

Matrix Spike (2609004-MS1)

Source: E602251-02

Prepared: 02/23/26 Analyzed: 02/23/26

Chloride 7770 100 250 8470 NR 80-120 M4

Matrix Spike Dup (2609004-MSD1)

Source: E602251-02

Prepared: 02/23/26 Analyzed: 02/23/26

Chloride 6630 100 250 8470 NR 80-120 15.8 20 M4

QC Summary Report Comment:

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



Definitions and Notes

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Thistle Unit 28 CTB 1 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 02/27/26 10:13
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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.



Released to Imaging: 3/19/2026 9:44:16 AM

Page 21 of 25

Received by OCD: 3/16/2026 8:56:05 AM

Page 82 of 99

Client Information				Invoice Information				Lab Use Only				TAT				State							
Client: Matador				Company: Ensolum LLC				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX				
Project Name: Thistle Unit 28 CTB 1				Address: 3122 National Parks Hwy				E002251		23003-0002					X	X							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																			
Address: 3122 National Parks Hwy				Phone: 575-988-0055																			
City, State, Zip: Carlsbad NM, 88220				Email: agiovengo@ensolum.com																			
Phone: 575-988-0055				Miscellaneous:																			
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	TEEQ 1006 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	Compliance	Y	or	N	
1205	2/19/2026	S	1	FS01-5			1								X								
1145	2/19/2027	S	1	FS02-5			2								X								
1050	2/19/2027	S	1	FS03-5			3								X								
1200	2/18/2028	S	1	FS04-5			4								X								
1143	2/19/2028	S	1	FS05-5			5								X								
0926	2/18/2029	S	1	FS06-5			6								X								
0929	2/19/2029	S	1	FS07-5			7								X								
0921	2/18/2030	S	1	FS08-5			8								X								
0939	2/19/2030	S	1	FS09-5			9								X								
0932	2/18/2031	S	1	FS10-5			10								X								
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, lestrella@ensolum.com, chamilton@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: Eric Plugge																							
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											
<i>Eric Plugge</i>		2/20/26		7:4		<i>Michelle Gonzalez</i>		2-20-26		0711													
<i>Michelle Gonzalez</i>		2-20-26		1315		<i>Nathan Gonzalez</i>		2-20-26		1315													
<i>Nathan Gonzalez</i>		2-20-26		2045		<i>Johnny Archuleta</i>		2-20-26		2045													
<i>Johnny Archuleta</i>		2-20-26		2300		<i>Keith Mann</i>		2-23-26		730													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

Envirotech Analytical Laboratory

Printed: 2/23/2026 10:36:37AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Matador Resources, LLC.	Date Received: 02/23/26 07:30	Work Order ID: E602251
Phone: (972) 371-5200	Date Logged In: 02/20/26 15:44	Logged In By: Caitlin Mars
Email: agiovengo@ensolum.com	Due Date: 02/27/26 17:00 (4 day TAT)	

Chain of Custody (COC)

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

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 Instruction

Comments/Resolution

L-NS
R-DT

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

Date



envirotech Inc.



Chain of Custody

Client Information NS 2-24-26 Client: Metador Devon Project Name: Thistle Unit 28 CTB 1 Project Manager: Ashley Giovengo Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com				Invoice Information Company: Ensolum LLC Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: agiovengo@ensolum.com Miscellaneous:				Lab Use Only Lab WO# E1002251 Job Number 23000-0002				TAT 1D 2D 3D Std X				State NM CO UT TX X			
Analysis and Method										EPA Program SDWA CWA RCRA Compliance Y or N PWSID # Sample Temp Remarks									
Sample Information																			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	TLEQ 1005 - TX	RCRA 8 Metals	BDOC - NM	BDOC - TX	Sample Temp	Remarks			
0929	2/19/2026	S	1	FS11-5		11							X		2.6				
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com Corrected client name per A.G. NS 2-24-26																			
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: Eric Plugge																			
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.			
<i>[Signature]</i>		2/20/26	7:11	<i>Michelle Gonzalez</i>		2-20-26	0711	<i>Michelle Gonzalez</i>		2-20-26	1315	<i>Michelle Gonzalez</i>		2-20-26	1315	Lab Use Only Received on ice: (Y/N)			
<i>Michelle Gonzalez</i>		2-20-26	1315	<i>Michelle Gonzalez</i>		2-20-26	1315	<i>Michelle Gonzalez</i>		2-20-26	2045	<i>Michelle Gonzalez</i>		2-20-26	2045				
<i>Johnny Archuleta</i>		2-20-26	2045	<i>Johnny Archuleta</i>		2-20-26	2045	<i>Johnny Archuleta</i>		2-20-26	2300	<i>Johnny Archuleta</i>		2-23-26	130				
<i>Johnny Archuleta</i>		2-20-26	2300	<i>Johnny Archuleta</i>		2-23-26	130	<i>Johnny Archuleta</i>		2-23-26		<i>Johnny Archuleta</i>							
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.																			



APPENDIX E

NMOCD Correspondence

From: [Buchanan, Michael, EMNRD](#)
To: [Cole Burton](#)
Cc: [Ashley Giovengo](#); [Raley, Jim](#)
Subject: RE: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Thistle Unit 28 CTB 1 - nAPP2526526528
Date: Wednesday, December 17, 2025 8:46:25 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

[**EXTERNAL EMAIL**]

Good morning, Cole

The request for a 90-day extension from the current deadline of 12/17/2025 is approved at the Thistle Unit 28 CTB 1-nAPP2526526528. The application page will be updated to reflect this change. The new deadline to submit either a remediation plan and/or site characterization plan, or a remediation closure is now 03/23/2026. Please include this correspondence in the closure report.

Kind regards,

Mike

From: Cole Burton <cburton@ensolum.com>
Sent: Tuesday, December 16, 2025 2:06 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Ashley Giovengo <agiovengo@ensolum.com>; Raley, Jim <Jim.Raley@dvn.com>
Subject: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Thistle Unit 28 CTB 1 - nAPP2526526528

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 December 17, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Thistle Unit 28 CTB 1 (Site) (Incident Number nAPP2526526528). The release occurred on September 18, 2025, and 8 barrels (bbls) of produced water were released; 5 bbls of produced water were recovered. The release impacted an area on-pad approximately 1,732 square feet in size on Private Land. Devon has submitted an Application for Permit to Drill a Well with Non-Consumptive Use to establish depth to groundwater (DTW) within a ½ mile radius of the Site and approval from the New Mexico Office of the State Engineer (NMOSE) is still pending. Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I has been completed at the Site (see Table 1 and Figure 2). Excavation of the subject matter release will

begin as soon as the DTW determination has been completed and Devon selects a subcontractor. Devon intends to submit a work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Devon respectfully requests a 90-day extension until March 17, 2026. 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

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Action 554790

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 554790
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2526526528
Incident Name	NAPP2526526528 THISTLE UNIT 28 CTB 1 @ FAPP2123650388
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2123650388] THISTLE UNIT 28 CTB 1

Location of Release Source	
Site Name	THISTLE UNIT 28 CTB 1
Date Release Discovered	09/18/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	2,154
What is the estimated number of samples that will be gathered	13
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/19/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Eric Plugge (832-525-6234)
Please provide any information necessary for navigation to sampling site	32.282329, -103.580202

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CONDITIONS

Action 554790

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 554790
	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.	2/17/2026
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	2/17/2026

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QUESTIONS

Action 562338

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562338
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2526526528
Incident Name	NAPP2526526528 THISTLE UNIT 28 CTB 1 @ FAPP2123650388
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2123650388] THISTLE UNIT 28 CTB 1

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	THISTLE UNIT 28 CTB 1
Date Release Discovered	09/18/2025
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Separator Produced Water Released: 8 BBL Recovered: 5 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)	Corrosion on belly dump piping.

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QUESTIONS, Page 2

Action 562338

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562338
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/16/2026
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QUESTIONS, Page 3

Action 562338

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562338
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	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	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	8470
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	761
GRO+DRO (EPA SW-846 Method 8015M)	178
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	02/17/2026
On what date will (or did) the final sampling or liner inspection occur	02/19/2026
On what date will (or was) the remediation complete(d)	02/19/2026
What is the estimated surface area (in square feet) that will be reclaimed	600
What is the estimated volume (in cubic yards) that will be reclaimed	11
What is the estimated surface area (in square feet) that will be remediated	2154
What is the estimated volume (in cubic yards) that will be remediated	60

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 562338

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562338
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/16/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 562338

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562338
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 562338

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562338
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	554794
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/20/2026
What was the (estimated) number of samples that were to be gathered	13
What was the sampling surface area in square feet	2154

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	2154
What was the total volume (cubic yards) remediated	60
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	600
What was the total volume (in cubic yards) reclaimed	11
Summarize any additional remediation activities not included by answers (above)	Remediation Complete

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 03/16/2026
--	--

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QUESTIONS, Page 7

Action 562338

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562338
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 562338

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 562338
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved. Please be aware that there are multiple typos in the "Date Sampled" section on the COC. Additionally, a sampling notice was placed for samples to be collected on 02/20/2026, however, that sampling date is not conveyed in the COC. Future typos on COCs may result in the lab analytical results not being accepted.	3/19/2026
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	3/19/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	3/19/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved.	3/19/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	3/19/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	3/19/2026