

June 19, 2025

New Mexico Energy Minerals and Natural Resources Department

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

Re: Closure Request

Thistle Unit #043H

Incident Number nAPP2505540528

Lea County, New Mexico

To Whom It May Concern:

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

SITE DESCRIPTION AND RELEASE SUMMARY

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

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

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

Ensolum, LLC | Environmental, Engineering & Hydrogeologic Consultants 3122 National Parks Highway | Carlsbad, New Mexico 88220 | ensolum.com



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

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

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

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

SITE ASSESSMENT ACTIVITIES

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

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



EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

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

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

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

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

LABORATORY ANALYTICAL RESULTS

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

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

CLOSURE REQUEST

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

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



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

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

Sincerely, **Ensolum, LLC**

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

Appendices:

Figure 1

Figure 2 Figure 3	Delineation Soil Sample Locations Confirmation Soil Sample Locations
Table 1	Soil Sample Analytical Results (Delineation Soil Samples)

Table 2 Soil Sample Analytical Results (Excavation Floor Soil Samples)
Table 3 Soil Sample Analytical Results (Excavation Sidewall Soil Samples)

Appendix A Well Log and Record Appendix B Photographic Log

Appendix C Lithologic / Soil Sampling Logs

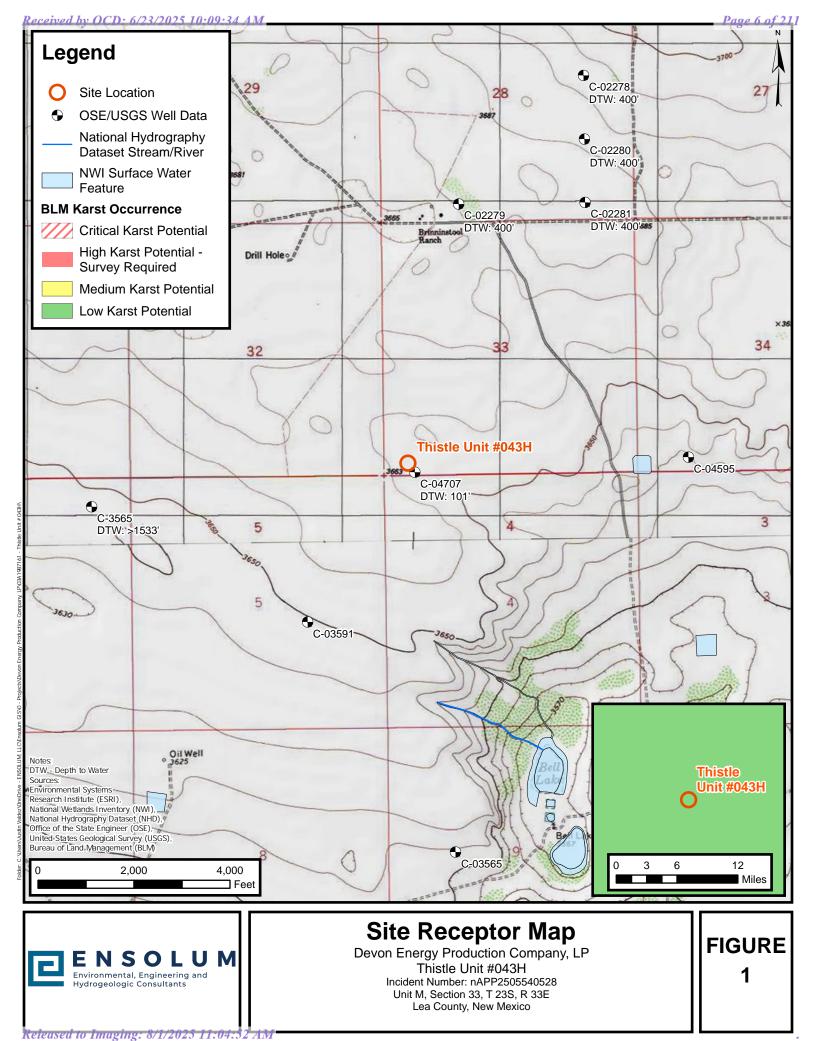
Site Receptor Map

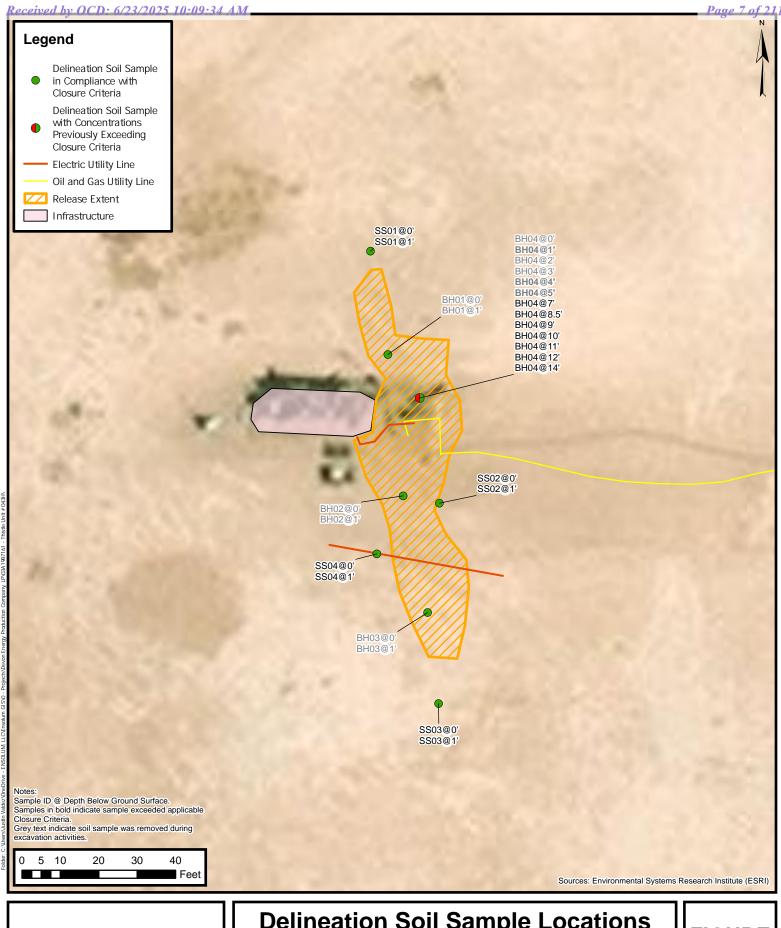
Appendix D Laboratory Analytical Reports & Chain-of-Custody Documentation

Appendix E NMOCD Correspondence



FIGURES



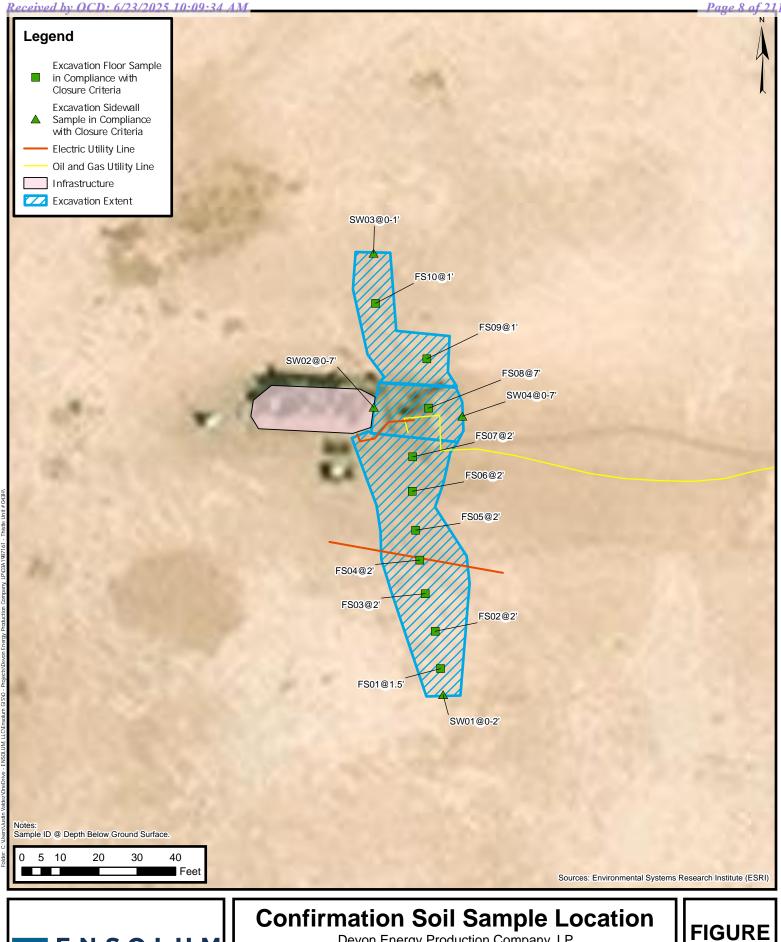




Delineation Soil Sample Locations

Devon Energy Production Company, LP Thistle Unit #043H Incident Number: nAPP2505540528 Unit M, Section 33, T 23S, R 33E Lea County, New Mexico

FIGURE 2





Devon Energy Production Company, LP
Thistle Unit #043H
Incident Number: nAPP2505540528
Unit M, Section 33, T 23S, R 33E
Lea County, New Mexico

FIGURE 3



TABLES



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Thistle Unit #043H

Devon Energy Production Company, LP

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

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

* 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

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



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS - Continued

Thistle Unit #043H

Devon Energy Production Company, LP

Lea County, New Mexico

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

Notes:

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

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

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

[&]quot;<": Laboratory Analytical result is less than reporting limit

^{*} 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.



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

	Low Southly, Not Moxico											
Sample Date Depth (feet bgs)		Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)			
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000		
Excavation Floor Soil Samples												
FS01	5/29/2025	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	286		
FS02	5/29/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	396		
FS03	5/29/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	206		
FS04	5/29/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	506		
FS05	5/29/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	162		
FS06	5/29/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	266		
FS07	5/29/2025	2	<0.0250	<0.0500	<20.0	43.9	<50.0	43.9	43.9	204		
FS08	5/28/2025	7	<0.0250	<0.0500	<20.0	121	107.0	121	228	1,030		
FS09	5/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	357		
FS10	5/28/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	233		

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

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Grey text represents samples that have been excavated

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

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

[&]quot;<": Laboratory Analytical result is less than reporting limit

^{*} 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.



TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS Thistle Unit #043H

Devon Energy Production Company, LP

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

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

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Grey text represents samples that have been excavated

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

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

GRO: Gasoline Range Organics DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

^{*} 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.



APPENDIX A

Well Log and Record



NO	OSE POD NO. POD 1 (TW	,	.)		WELL TAG ID N/A	NO.		OSE FILE NO C-4707	O(S).				
OCAT	WELL OWNE Devon Ene)					PHONE (OPT 575-748-18					
WELL I	WELL OWNE 6488 7 Riv		G ADDRESS					CITY Artesia			STATE NM	88210	ZIP
GENERAL AND WELL LOCATION	WELL LOCATION	N LA	DI	NDS .18 N	* ACCURAC	Y REQUIRED:	ONE TENTH	OF A SE	COND				
NER	(FROM GP	S) LO	NGITUDE	103	32 W	* DATUM RI	EQUIRED: WG	S 84					
1. GE	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE SW SW SW Sec.33 T23S R33E NMPM												
	LICENSE NO		NAME OF LICENSED		ackie D. Atk	tins				WELL DRILL			nc.
	DRILLING ST 4/11/		DRILLING ENDED 4/12/23	DEPTH OF COM Tempor	MPLETED WEL ary Well Ma			LE DEPTH (FT) ±101	DEPTH W	ATER FIRST	ENCOUN N/A	NTERED (FT)	
z	COMPLETED	WELL IS:	ARTESIAN	✓ DRY HOL	E SHA	LLOW (UNC	ONFINED)		C WATER LEV MPLETED WE		DA	4/18/2	
CASING INFORMATION	DRILLING FLUID: AIR MUD ADDITIVES – SPECIFY:												
ORM	DRILLING M	ETHOD:	ROTARY HAM	MER CABL	E TOOL 7	OTHER – SPE	CIFY: H	Iollow Stem	Auger	CHECK H INSTALLI	ERE IF PI ED	TLESS ADAI	PTER IS
INF	DEPTH (BORE HOLE	CASING I	MATERIAL A	AND/OR		ASING	CAS			G WALL	SLOT
SINC	FROM	TO	DIAM (inches)		each casing str		Т	NECTION YPE ling diameter)	INSIDE (incl			KNESS ches)	SIZE (inches)
& CA	0	101	±6.25		Soil Boring		(aud coup		-				
DRILLING &													
RILI									-	-			
2. D													
		•		•		•			•			•	
									<u> </u>				
	DEPTH ((feet bgl)	BORE HOLE		ST ANNULAI					MOUNT		МЕТНО	
ANNULAR MATERIAL	FROM	TO	DIAM. (inches)	GRA	VEL PACK S	IZE-RANG N/A	E BY INTE	RVAL	(cu	bic feet)		PLACEN	1ENT
ATE						N/A					+		
IR M													
NULA										19,44,4,24,24		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
									Upt		282	IZS PMS	10
6.											-		
FOR	OSE INTER	NAL USE		1				WP -	20 WELL R	ECORD &	LOG (V	ersion 01/2	8/2022)
	E NO. C-	47	70		POD	NO.		TRN		12691		0151011 01/2	0.2022)
LOC	ATION	335.	336.3	3 4	3	3		WELL TAG	ID NO. N	17		PAGE	1 OF 2

	DEPTH (f	feet bgl)	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONI	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING
				(attach supplemental sheets to fully describe all units)	(TEST NO)	ZONES (gpm)
	0	9	9	Sand, fine-grained, poorly graded with caliche, Tan	Y ✓ N	
	9	50	41	Sand, fine-grained, poorly graded, cemented layers, Tan	Y ✓N	
	50	65	15	Sand, very fine-grained, poorly graded, Tan / Brown	Y ✓ N	
	65	101	36	Clay, Stiff, consolidated, with fine silt, Reddish Brown	y ✓n	
					Y N	
T					Y N	
WEI					Y N	
OF					Y N	
,OG					Y N	
101					Y N	
507					Y N	
EO					Y N	
ROG					Y N	
4. HYDROGEOLOGIC LOG OF WELL					Y N	
4.					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
	METHOD U	SED TO ES	STIMATE YIELD	OF WATER-BEARING STRATA:	TOTAL ESTIMATED	
	ПРИМІ	р Па	IR LIFT	BAILER OTHER – SPECIFY:	WELL YIELD (gpm):	0.00
	T OWN	<u> </u>		DALLER STEER 1.		
ION	WELL TES			ACH A COPY OF DATA COLLECTED DURING WELL TESTING, IN ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OV		
TEST; RIG SUPERVIS	MISCELLA	NEOUS INI	41		lrill cuttings from total gs to surface.	depth to ten feet
RIG			Th	nistle Unit #043	TYPE OF ACT OF OF	
ST;					03E OJJ APR 27 20	
5. TE				VISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CO	NSTRUCTION OTHER T	HAN LICENSEE:
4)	Shane Eldric	dge, Came	ron Pruitt			
SIGNATURE	CORRECT I	RECORD O	F THE ABOVE I	TIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL O DAYS AFTER COMPLETION OF WELL DRILLING:		
e. SIGN	Jack 1	Atkins		Jackie D. Atkins	4/26/23	
9		SIGNAT	URE OF DRILLE	R / PRINT SIGNEE NAME	DATE	
FOI	R OSE INTER	NAL USE	_	WR-20 WI	ELL RECORD & LOG (V	ersion 01/28/2022)

POD NO.

742696

PAGE 2 OF 2

TRN NO.

WELL TAG ID NO. M

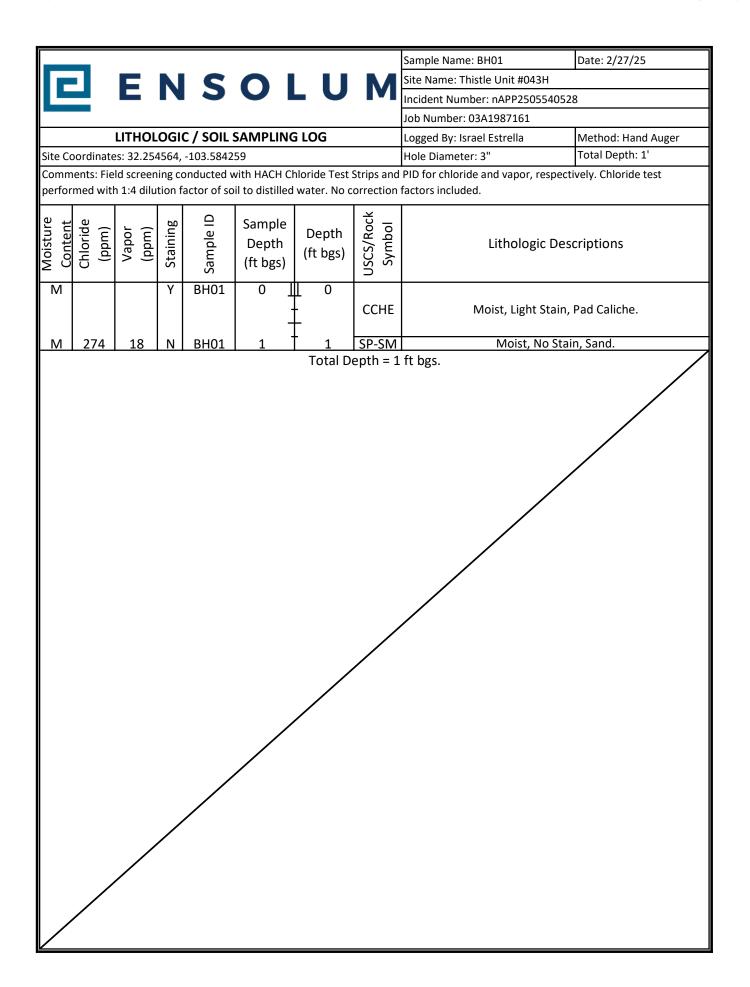
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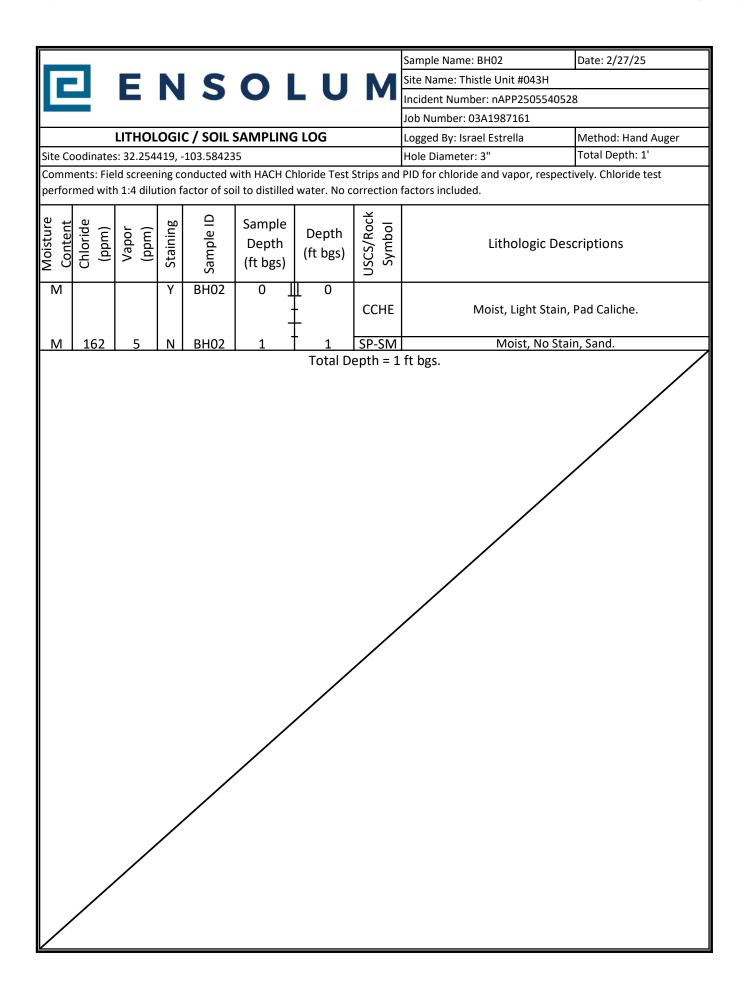
LOCATION

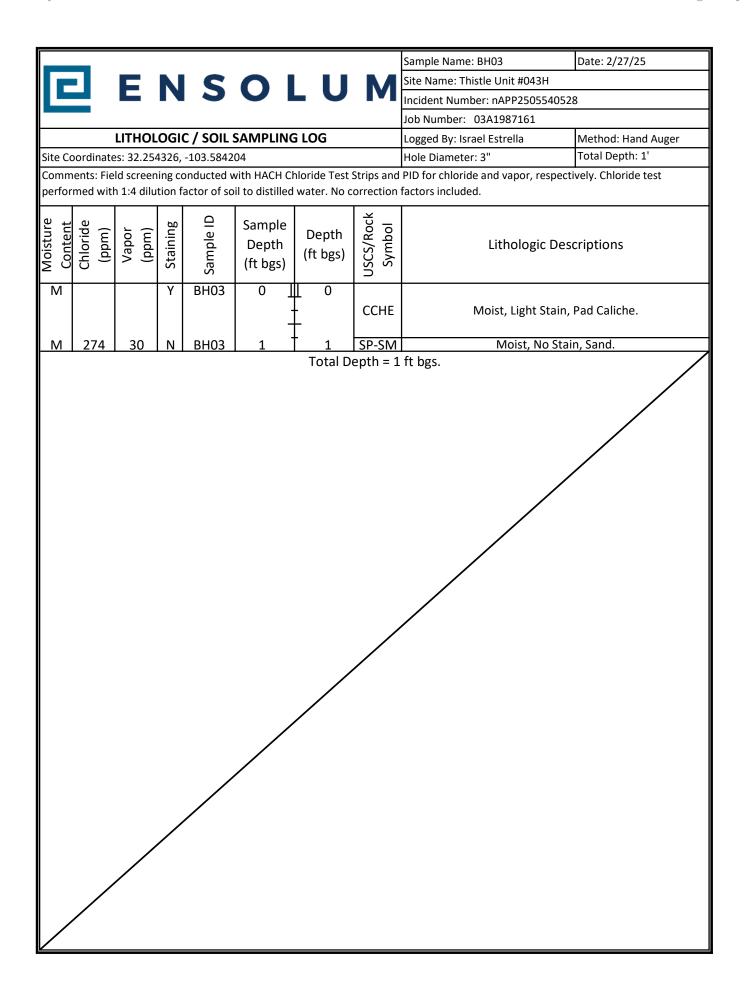


APPENDIX B

Lithologic Soil Sampling Logs







								Sample Name: BH04	Date: 04/08/25		
	7		N	C			M	Site Name: Thistle Unit #043H			
	ENSOLUM						Incident Number: nAPP2505540528				
							Job Number: 03A1987161				
	LITHOLOGIC / SOIL SAMPLING LOG							Logged By: Cole, Israel, Jenna	Method: Hand Auger		
Site Co	ordinate	s: 32.254	511, -	-103.58422	28			Hole Diameter: 3"	Total Depth: 14'		
			_				•	PID for chloride and vapor, respec actors included.	tively. Chloride test		
Moisture Content	Chloride (ppm)	Vapor (ppm)		Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic De	escriptions		
			Υ		0]	0					
					-	 	CCHE	Pad Caliche - Sl	ight staining		
_	2 000				_	Γ ,					
D	2,000				1 _	1					
D	550				2 -	2		Poorly Graded Sand w/ Silt - Medium Brown, No cohesive, Fine Sand			
D	450				3 <u>-</u> 3 <u>-</u>	3	SP-SM				
D					4 _	4					
	1,461				5 <u>-</u> -	- - -		Moist, Caliche, N	Medium Stain		
М	2,632		Y	BH04	6 <u>-</u> -	6 -		Moist, Caliche	, Light Stain		
101	1,461				7 _	7					
	2,447		N		8 _	8	60:	Moist, Caliche	e, No Stain		
	2,632				8.5	 	CCHE				
	576				9 _	9					
	515	41			10	10					
	576				11	11		Dry, Caliche, No stain			
D					_	Γ					
	638		N		12	12					
	464				13	13					
					-	Ł					
	700				11	14					
	700				14	14					



APPENDIX C

Photographic Log



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





Photograph 1 Date: 2/24/2025 Photograph 2 Date: 2/24/2025

Description: Signage

View: Northwest

Description: Spill Area

View: Northwest





Photograph 3 Date: 2/24/2025 Photograph 4 Date: 2/24/2025

Description: Spill Area

View: Northwest

Description: Spill Area

View: North



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





Date: 2/27/2025

Photograph 5 Date: 2/27/2025

Description: SS01 View: South Photograph 6
Description: SS02

View: West





Photograph 7 Date: 2/27/2025 Photograph 8 Date: 2/27/2025

Description: SS03

View: North

Description: SS04

View: North



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





Photograph 9
Description: BH01

View: Southeast

Date: 2/27/2025

Photograph 10
Description: BH02

View: Northwest





Photograph 11

Description: BH03 View: North Date: 2/27/2025

Photograph 12 Description: SS04

View: Northeast

Date: 2/27/2025

Date: 2/27/2025



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





Photograph 13

Description: BH04
View: Southwest

Date: 3/19/2025

Photograph 14 Description: BH04

View: Northwest

Date: 4/01/2025





Photograph 15

Description: BH04 View: West Date: 4/08/2025

Photograph 16

Description: BH04

View: Northeast

Date: 4/08/2025



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





Photograph 17

Description: Excavation View: North

Date: 5/27/2025

Date: 5/28/2025

Photograph 18

Description: Excavation View: Northwest

Date: 5/27/2025





Photograph 19

Description: Excavation

View: West

Photograph 20

Description: Excavation

View: Northeast

Date: 5/28/2025



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





Date: 5/29/2025

Date: 5/29/2025

Photograph 21

Description: Excavation View: Southwest

Date: 5/28/2025

Photograph 22

Description: Excavation

View: West





Photograph 23

Description: Excavation View: Southwest Date: 5/29/2025

Photograph 24

Description: Excavation

View: North



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo







5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit 43H

Work Order: E502295

Job Number: 01058-0007

Received: 3/3/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/7/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/7/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Thistle Unit 43H

Workorder: E502295

Date Received: 3/3/2025 7:00:46AM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Thistle Unit 43H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding 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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Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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

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

Sample Data

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

SS01-0' E502295-01

		2002270 01					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Benzene	ND	0.0250		1	03/03/25	03/03/25	
Ethylbenzene	ND	0.0250		1	03/03/25	03/03/25	
Toluene	ND	0.0250		1	03/03/25	03/03/25	
o-Xylene	ND	0.0250		1	03/03/25	03/03/25	
p,m-Xylene	ND	0.0500		1	03/03/25	03/03/25	
Total Xylenes	ND	0.0250		1	03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		98.5 %	70-130		03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		03/03/25	03/03/25	
Surrogate: Toluene-d8		98.7 %	70-130		03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		98.5 %	70-130		03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		92.2 %	70-130		03/03/25	03/03/25	
Surrogate: Toluene-d8		98.7 %	70-130		03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2510018
	115	25.0		1	03/03/25	03/04/25	
Diesel Range Organics (C10-C28)	113	23.0					
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	123	50.0		1	03/03/25	03/04/25	
			61-141	1	03/03/25 03/03/25	03/04/25	
Oil Range Organics (C28-C36)		50.0	61-141	1 Analyst:	03/03/25		Batch: 2510025



Sample Data

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

SS03-0'

		E502295-02					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg A		Analyst: IY		Batch: 2510024	
Benzene	ND	0.0250	1	ļ	03/03/25	03/03/25	
Ethylbenzene	ND	0.0250	1	!	03/03/25	03/03/25	
Toluene	ND	0.0250	1	l	03/03/25	03/03/25	
o-Xylene	ND	0.0250	1	l	03/03/25	03/03/25	
p,m-Xylene	ND	0.0500	1	Į.	03/03/25	03/03/25	
Total Xylenes	ND	0.0250	1	ļ	03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130		03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		03/03/25	03/03/25	
Surrogate: Toluene-d8		97.0 %	70-130		03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: IY			Batch: 2510024		
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130		03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130		03/03/25	03/03/25	
Surrogate: Toluene-d8		97.0 %	70-130		03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: A	F		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0	1		03/03/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	ļ.	03/03/25	03/04/25	
Surrogate: n-Nonane		110 %	61-141		03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: A	K		Batch: 2510025
Chloride	119	20.0	1	Į.	03/03/25	03/03/25	



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

SS02-0' E502295-03

		1001170 00					
Analyte	Result	Reporting Limit	Dilut	tion Pren	ared	Analyzed	Notes
				Analyst: IY	arca .	7 mary 200	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg			2/2-	00/00/05	Batch: 2510024
Benzene	ND	0.0250	1	03/0		03/03/25	
Ethylbenzene	ND	0.0250	1	03/0		03/03/25	
Toluene	ND	0.0250	1	03/0		03/03/25	
o-Xylene	ND	0.0250	1	03/0	3/25	03/03/25	
p,m-Xylene	ND	0.0500	1	03/0	3/25	03/03/25	
Total Xylenes	ND	0.0250	1	03/0	3/25	03/03/25	
Surrogate: Bromofluorobenzene		97.9 %	70-130	03/0	3/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	03/0	3/25	03/03/25	
Surrogate: Toluene-d8		99.1 %	70-130	03/0	3/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/0	3/25	03/03/25	
Surrogate: Bromofluorobenzene		97.9 %	70-130	03/0	3/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	03/0	3/25	03/03/25	
Surrogate: Toluene-d8		99.1 %	70-130	03/0	3/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: AF			Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0	1	03/0	3/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/0	3/25	03/04/25	
Surrogate: n-Nonane		108 %	61-141	03/0	3/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK			Batch: 2510025
Chloride	299	20.0	1	03/0	3/25	03/03/25	



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

SS04-0' E502295-04

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2510024
Benzene	ND	0.0250	1	03/03/25	03/03/25	
Ethylbenzene	ND	0.0250	1	03/03/25	03/03/25	
Toluene	ND	0.0250	1	03/03/25	03/03/25	
o-Xylene	ND	0.0250	1	03/03/25	03/03/25	
p,m-Xylene	ND	0.0500	1	03/03/25	03/03/25	
Total Xylenes	ND	0.0250	1	03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		97.9 %	70-130	03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	03/03/25	03/03/25	
Surrogate: Toluene-d8		97.8 %	70-130	03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		97.9 %	70-130	03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	03/03/25	03/03/25	
Surrogate: Toluene-d8		97.8 %	70-130	03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: AF		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/25	03/04/25	
Surrogate: n-Nonane		107 %	61-141	03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Δ	Analyst: AK		Batch: 2510025
Amons by EFA 500.0/9030A	mg/kg	mg/kg				Buten: 2010020



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

SS01-1'

		E502295-05					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Benzene	ND	0.0250		1	03/03/25	03/03/25	
Ethylbenzene	ND	0.0250		1	03/03/25	03/03/25	
Toluene	ND	0.0250		1	03/03/25	03/03/25	
o-Xylene	ND	0.0250		1	03/03/25	03/03/25	
p,m-Xylene	ND	0.0500		1	03/03/25	03/03/25	
Total Xylenes	ND	0.0250		1	03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130		03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		03/03/25	03/03/25	
Surrogate: Toluene-d8		97.6 %	70-130		03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130		03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		03/03/25	03/03/25	
Surrogate: Toluene-d8		97.6 %	70-130		03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/03/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0		1	03/03/25	03/04/25	
Surrogate: n-Nonane		109 %	61-141		03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2510025
Chloride	ND	20.0		1	03/03/25	03/03/25	



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

SS02-1' E502295-06

		2002270 00				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilui	non Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2510024
Benzene	ND	0.0250	1	03/03/25	03/03/25	
Ethylbenzene	ND	0.0250	1	03/03/25	03/03/25	
Toluene	ND	0.0250	1	03/03/25	03/03/25	
o-Xylene	ND	0.0250	1	03/03/25	03/03/25	
p,m-Xylene	ND	0.0500	1	03/03/25	03/03/25	
Total Xylenes	ND	0.0250	1	03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		96.5 %	70-130	03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	03/03/25	03/03/25	
Surrogate: Toluene-d8		97.5 %	70-130	03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		96.5 %	70-130	03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	03/03/25	03/03/25	
Surrogate: Toluene-d8		97.5 %	70-130	03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: AF		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0	1	03/03/25	03/04/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	03/03/25	03/04/25	
Surrogate: n-Nonane		113 %	61-141	03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: AK		Batch: 2510025
Chloride	86.6	20.0	1	03/03/25	03/03/25	



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

SS03-1'

		E502295-07					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	IY		Batch: 2510024
Benzene	ND	0.0250		1	03/03/25	03/03/25	
Ethylbenzene	ND	0.0250		1	03/03/25	03/03/25	
Toluene	ND	0.0250		1	03/03/25	03/03/25	
o-Xylene	ND	0.0250		1	03/03/25	03/03/25	
p,m-Xylene	ND	0.0500		1	03/03/25	03/03/25	
Total Xylenes	ND	0.0250		1	03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		98.9 %	70-130		03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		03/03/25	03/03/25	
Surrogate: Toluene-d8		98.5 %	70-130		03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	IY		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/03/25	03/03/25	
Surrogate: Bromofluorobenzene		98.9 %	70-130		03/03/25	03/03/25	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		03/03/25	03/03/25	
Surrogate: Toluene-d8		98.5 %	70-130		03/03/25	03/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	AF		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0	_	1	03/03/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0		1	03/03/25	03/04/25	
Surrogate: n-Nonane		113 %	61-141		03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	AK		Batch: 2510025
Chloride	23.0	20.0		1	03/03/25	03/03/25	



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

SS04-1'

		E502295-08					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Benzene	ND	0.0250		1	03/03/25	03/04/25	
Ethylbenzene	ND	0.0250		1	03/03/25	03/04/25	
Toluene	ND	0.0250		1	03/03/25	03/04/25	
o-Xylene	ND	0.0250		1	03/03/25	03/04/25	
p,m-Xylene	ND	0.0500		1	03/03/25	03/04/25	
Total Xylenes	ND	0.0250		1	03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		98.4 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		97.8 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		98.4 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		97.8 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/03/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0		1	03/03/25	03/04/25	
Surrogate: n-Nonane		112 %	61-141		03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2510025
Chloride	82.2	20.0		1	03/03/25	03/03/25	



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

BH01-1' E502295-09

		E002270 07					
Austra	Result	Reporting Limit		ıtion	D	A l d	Notes
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Benzene	ND	0.0250	1	1	03/03/25	03/04/25	
Ethylbenzene	ND	0.0250	1	1	03/03/25	03/04/25	
Toluene	ND	0.0250	1	1	03/03/25	03/04/25	
o-Xylene	ND	0.0250	1	1	03/03/25	03/04/25	
p,m-Xylene	ND	0.0500	1	1	03/03/25	03/04/25	
Total Xylenes	ND	0.0250	1	1	03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		97.7 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		98.5 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		97.7 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		98.5 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0	1	1	03/03/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	03/03/25	03/04/25	
Surrogate: n-Nonane		108 %	61-141		03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2510025
Chloride	180	20.0	1	1	03/03/25	03/03/25	

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

BH02-1' E502295-10

		E302293-10					
		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY	-		Batch: 2510024
Benzene	ND	0.0250	1		03/03/25	03/04/25	
Ethylbenzene	ND	0.0250	1		03/03/25	03/04/25	
Toluene	ND	0.0250	1		03/03/25	03/04/25	
o-Xylene	ND	0.0250	1		03/03/25	03/04/25	
p,m-Xylene	ND	0.0500	1		03/03/25	03/04/25	
Total Xylenes	ND	0.0250	1		03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		98.8 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		97.3 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY	-		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		98.8 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		97.3 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: AI	3		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0	1		03/03/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1		03/03/25	03/04/25	
Surrogate: n-Nonane		110 %	61-141		03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AI	ζ		Batch: 2510025
Chloride	68.1	20.0	1		03/03/25	03/03/25	



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

BH03-1' E502295-11

		E502295-11					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Benzene	ND	0.0250		1	03/03/25	03/04/25	
Ethylbenzene	ND	0.0250		1	03/03/25	03/04/25	
Toluene	ND	0.0250		1	03/03/25	03/04/25	
o-Xylene	ND	0.0250		1	03/03/25	03/04/25	
p,m-Xylene	ND	0.0500		1	03/03/25	03/04/25	
Total Xylenes	ND	0.0250		1	03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		97.3 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		98.3 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		97.3 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		98.3 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/03/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0		1	03/03/25	03/04/25	
Surrogate: n-Nonane		112 %	61-141		03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2510025
Chloride	135	20.0		1	03/03/25	03/03/25	



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

SS01A-0' E502295-12

		2002276 12					
Austra	Result	Reporting Limit		ution	D 1	Analyzed	Notes
Analyte	Result	Limit	Dill	unon	Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Benzene	ND	0.0250		1	03/03/25	03/04/25	
Ethylbenzene	ND	0.0250		1	03/03/25	03/04/25	
Toluene	ND	0.0250		1	03/03/25	03/04/25	
o-Xylene	ND	0.0250		1	03/03/25	03/04/25	
p,m-Xylene	ND	0.0500		1	03/03/25	03/04/25	
Total Xylenes	ND	0.0250		1	03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		98.9 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		100 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		98.9 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		100 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0		1	03/03/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0	İ	1	03/03/25	03/04/25	
Surrogate: n-Nonane		114 %	61-141		03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2510025
Chloride	295	20.0		1	03/03/25	03/03/25	



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

SS01A-1' E502295-13

Dagult			Dronous ¹	Amalyzad	Notes
Resuit	Limit	Diluit	on Prepared	Anaiyzed	Notes
mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2510024
ND	0.0250	1	03/03/25	03/04/25	
ND	0.0250	1	03/03/25	03/04/25	
ND	0.0250	1	03/03/25	03/04/25	
ND	0.0250	1	03/03/25	03/04/25	
ND	0.0500	1	03/03/25	03/04/25	
ND	0.0250	1	03/03/25	03/04/25	
	98.5 %	70-130	03/03/25	03/04/25	
	93.8 %	70-130	03/03/25	03/04/25	
	97.9 %	70-130	03/03/25	03/04/25	
mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2510024
ND	20.0	1	03/03/25	03/04/25	
	98.5 %	70-130	03/03/25	03/04/25	
	93.8 %	70-130	03/03/25	03/04/25	
	97.9 %	70-130	03/03/25	03/04/25	
mg/kg	mg/kg	Aı	nalyst: AF		Batch: 2510018
ND	25.0	1	03/03/25	03/04/25	
ND	50.0	1	03/03/25	03/04/25	
	109 %	61-141	03/03/25	03/04/25	
mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2510025
ND	20.0	1	03/03/25	03/03/25	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 98.5 % 93.8 % 97.9 % 98.5 % 93.8 % 97.9 % mg/kg mg/kg ND 20.0 98.5 % 93.8 % 97.9 % 97.9 % mg/kg mg/kg ND 25.0 ND 50.0 109 % mg/kg mg/kg mg/kg	mg/kg mg/kg An ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 98.5 % 70-130 93.8 % 97.9 % 70-130 70-130 98.5 % 70-130 93.8 % ND 20.0 1 97.9 % 70-130 97.9 % 97.9 % 70-130 97.9 % ND 25.0 1 ND 50.0 1 109 % 61-141 61-141	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/03/25 ND 0.0250 1 03/03/25 ND 0.0250 1 03/03/25 ND 0.0250 1 03/03/25 ND 0.0500 1 03/03/25 ND 0.0250 1 03/03/25 ND 0.0250 1 03/03/25 93.8 % 70-130 03/03/25 97.9 % 70-130 03/03/25 mg/kg mg/kg Analyst: IY ND 20.0 1 03/03/25 93.8 % 70-130 03/03/25 93.8 % 70-130 03/03/25 97.9 % 70-130 03/03/25 97.9 % 70-130 03/03/25 mg/kg mg/kg Analyst: AF ND 25.0 1 03/03/25 ND 50.0 1 03/03/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/03/25 03/04/25 ND 0.0500 1 03/03/25 03/04/25 ND 0.0250 1 03/03/25 03/04/25 ND 0.0250 1 03/03/25 03/04/25 98.5 % 70-130 03/03/25 03/04/25 93.8 % 70-130 03/03/25 03/04/25 mg/kg mg/kg Analyst: IY ND 20.0 1 03/03/25 03/04/25 98.5 % 70-130 03/03/25 03/04/25 93.8 % 70-130 03/03/25 03/04/25 97.9 % 70-130 03/03/25 03/04/25 0 97.9 %<



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

BH01-0' E502295-14

		E302293-14					
Andre	D14	Reporting Limit	Dilu	4:	D	A a la a d	Notes
Analyte	Result	Limit	Dilu	iiion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	Y		Batch: 2510024
Benzene	ND	0.0250	1	l	03/03/25	03/04/25	
Ethylbenzene	ND	0.0250	1	l	03/03/25	03/04/25	
Toluene	ND	0.0250	1	l	03/03/25	03/04/25	
o-Xylene	ND	0.0250	1	l	03/03/25	03/04/25	
p,m-Xylene	ND	0.0500	1	l	03/03/25	03/04/25	
Total Xylenes	ND	0.0250	1	l	03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		96.7 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		97.1 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	_	Analyst: l	Y		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0	1	[03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		96.7 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		97.1 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	AF		Batch: 2510018
Diesel Range Organics (C10-C28)	137	25.0	1	1	03/03/25	03/04/25	
Oil Range Organics (C28-C36)	577	50.0	1	l	03/03/25	03/04/25	
Surrogate: n-Nonane		111 %	61-141		03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: 1	AK		Batch: 2510025
Chloride	2890	40.0	2	2	03/03/25	03/03/25	



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

BH02-0' E502295-15

		E302293-13					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2510024
Benzene	ND	0.0250	1		03/03/25	03/04/25	
Ethylbenzene	ND	0.0250	1	[03/03/25	03/04/25	
Toluene	ND	0.0250	1	l	03/03/25	03/04/25	
o-Xylene	ND	0.0250	1	l	03/03/25	03/04/25	
p,m-Xylene	ND	0.0500	1	l	03/03/25	03/04/25	
Total Xylenes	ND	0.0250	1		03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		97.0 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		97.4 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: I	Y		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		97.0 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		97.4 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: A	AF		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0	1		03/03/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1		03/03/25	03/04/25	
Surrogate: n-Nonane		109 %	61-141		03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: A	AK		Batch: 2510025
Chloride	5190	40.0	2	2	03/03/25	03/03/25	_



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

BH03-0' E502295-16

		E302293-10					
Andre	D14	Reporting		4 :	D	A a laa . 1	Nata
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: I	Y		Batch: 2510024
Benzene	ND	0.0250	1		03/03/25	03/04/25	
Ethylbenzene	ND	0.0250	1		03/03/25	03/04/25	
Toluene	ND	0.0250	1		03/03/25	03/04/25	
o-Xylene	ND	0.0250	1		03/03/25	03/04/25	
p,m-Xylene	ND	0.0500	1		03/03/25	03/04/25	
Total Xylenes	ND	0.0250	1		03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		98.3 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		99.1 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: I	Y		Batch: 2510024
Gasoline Range Organics (C6-C10)	ND	20.0	1		03/03/25	03/04/25	
Surrogate: Bromofluorobenzene		98.3 %	70-130		03/03/25	03/04/25	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		03/03/25	03/04/25	
Surrogate: Toluene-d8		99.1 %	70-130		03/03/25	03/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: A	AF		Batch: 2510018
Diesel Range Organics (C10-C28)	ND	25.0	1		03/03/25	03/04/25	
Oil Range Organics (C28-C36)	ND	50.0	1		03/03/25	03/04/25	
Surrogate: n-Nonane		108 %	61-141		03/03/25	03/04/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: A	AK		Batch: 2510025
Chloride	11600	200	10	0	03/03/25	03/03/25	



Thistle Unit 43H Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 3/7/2025 11:24:09AM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2510024-BLK1) Prepared: 03/03/25 Analyzed: 03/03/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.489 0.500 97.7 70-130 Surrogate: 1,2-Dichloroethane-d4 0.475 0.500 94.9 70-130 0.500 97.3 70-130 Surrogate: Toluene-d8 0.487 LCS (2510024-BS1) Prepared: 03/03/25 Analyzed: 03/03/25 2.05 0.0250 2.50 81.8 70-130 Benzene 2.50 80.5 70-130 2.01 Ethylbenzene 0.0250 1.97 0.0250 2.50 78.7 70-130 1.98 79.3 70-130 0.0250 2.50 o-Xylene 3.98 5.00 79.5 70-130 p,m-Xylene 0.0500 5.96 0.0250 7.50 79.4 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.492 0.500 98.3 70-130 0.500 97.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.489 70-130 Surrogate: Toluene-d8 0.487 0.500 Matrix Spike (2510024-MS1) Source: E502295-04 Prepared: 03/03/25 Analyzed: 03/03/25 2.21 0.0250 2.50 ND 88.2 48-131 45-135 Ethylbenzene 2.15 0.0250 2.50 ND 86.0 84.4 48-130 Toluene 2.11 0.0250 2.50 ND 2.16 0.0250 2.50 ND 86.3 43-135 o-Xylene 4.31 ND 43-135 p,m-Xylene 0.0500 5.00 86.1 Total Xylenes 6.46 0.0250 7.50 ND 86.2 43-135 99.9 0.500 0.500 70-130 Surrogate: Bromofluorobenzene 0.500 96.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.481 0.500 70-130 0.486 97.1 Surrogate: Toluene-d8 Matrix Spike Dup (2510024-MSD1) Source: E502295-04 Prepared: 03/03/25 Analyzed: 03/03/25 2.19 0.0250 2.50 ND 87.7 48-131 0.568 23 2.16 0.0250 2.50 ND 86.2 45-135 0.325 27 Ethylbenzene ND 84.2 48-130 0.237 24 2.11 2.50 Toluene 0.0250 o-Xylene 2.11 0.0250 2.50 ND 84.3 43-135 2.32 27

5.00

7.50

0.500

0.500

0.500

0.0500

0.0250

4.21

6.32

0.490

0.476

0.485

ND

ND

84.2

84.3

98.0

95.2

97.0

43-135

43-135

70-130

70-130

70-130

2.25

2.28

27

27



p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2510024-MSD2)

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

49.6

0.486

0.464

0.487

QC Summary Data

Devon Energy - CarlsbadProject Name:Thistle Unit 43HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo3/7/2025 11:24:09AM

Artesia NM, 88210		Project Manager	:: As	hley Gioveng	50			3	/7/2025 11:24:09A
	Non	halogenated	Organics l	oy EPA 801	15D - GI	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2510024-BLK1)							Prepared: 0	3/03/25 An	alyzed: 03/03/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.3	70-130			
LCS (2510024-BS2)							Prepared: 0	3/03/25 An	alyzed: 03/03/25
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.1	70-130			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.494		0.500		98.7	70-130			
Matrix Spike (2510024-MS2)				Source:	E502295-0)4	Prepared: 0	3/03/25 An	alyzed: 03/03/25
Gasoline Range Organics (C6-C10)	53.0	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130			

50.0

0.500

0.500

0.500

20.0

Source: E502295-04

99.3

97.2

92.8

97.3

ND

70-130

70-130

70-130

70-130

6.49



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

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

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go				3///2025 11:24:09AN
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2510018-BLK1)							Prepared: 0	3/03/25 At	nalyzed: 03/04/25
iesel Range Organics (C10-C28)	ND	25.0							
ril Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	50.7		50.0		101	61-141			
.CS (2510018-BS1)							Prepared: 0	3/03/25 Aı	nalyzed: 03/04/25
riesel Range Organics (C10-C28)	251	25.0	250		100	66-144			
urrogate: n-Nonane	52.9		50.0		106	61-141			
Aatrix Spike (2510018-MS1)				Source:	E502295-0	04	Prepared: 0	3/03/25 Aı	nalyzed: 03/04/25
riesel Range Organics (C10-C28)	259	25.0	250	ND	104	56-156			
urrogate: n-Nonane	53.6		50.0		107	61-141			
Matrix Spike Dup (2510018-MSD1)				Source:	E502295-0	04	Prepared: 0	3/03/25 A1	nalyzed: 03/04/25
riesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156	2.16	20	
urrogate: n-Nonane	53.0		50.0		106	61-141			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		nistle Unit 43I .058-0007	H				Reported:
Artesia NM, 88210		Project Number: Project Manager:		shley Gioveng	go				3/7/2025 11:24:09AM
		Anions 1	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2510025-BLK1)							Prepared: 0	3/03/25 A	nalyzed: 03/03/25
Chloride	ND	20.0							
LCS (2510025-BS1)							Prepared: 0	3/03/25 A	nalyzed: 03/03/25
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2510025-MS1)				Source:	E502295-	03	Prepared: 0	3/03/25 A	nalyzed: 03/03/25
Chloride	602	20.0	250	299	121	80-120			M4
Matrix Spike Dup (2510025-MSD1)				Source:	E502295-	03	Prepared: 0	3/03/25 A	nalyzed: 03/03/25
Chloride	691	20.0	250	299	157	80-120	13.8	20	M4

QC Summary Report Comment:

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



Definitions and Notes

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

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page_	of_	

		W) # C	2152	2634		Cham or	Juste	, a y													
	Clie	nt Inform				Invoice In	formation				La	ab Us	e On	ly		347		TAT			State	
	Thistle			+_	_ <u>A</u>	ompany: Devon End ddress: 5315 Buena	a Vista Dr		_ Lat	ь wo	#229	2	9/C 10p1	Num 158	oer 1000	57	1D 2	D 31	D Std	NM	CO UT	TX
	lanager: As				DAILS AND A	ity, State, Zip: Carls		20	_									mayir.			- / = // 140	3 3 1125
	3122 Natio e, Zip: Carls		723457550		27-0	one: (575)689-759 mail: jim.raley@dvn		-	- 10		1		Ana	lysis	and	Meti	nod	_		SDWA	A Progra	m RCRA
	75-988-005	C. 1.34	88220			scellaneous: Jim Rale	The second secon												1	JUVA	CVVA	KCKA
	giovengo@e		om				-,			15	15								1 1	Complian	ce Y	or N
										oy 8015	oy 80.	21	00	0.0	Σ	×	tals			PWSID#		
-				Sam	ple Informat	ion		b 4	Lah	980	DRO	by 80	oy 826	de 30	N-O	- 5001	8 Me				Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field	Lab Numbe	DRO/ORO	GRO/DRO by 8	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
926	2/27/25	-5011	1	-	59	501-01			1						X							
930)	1	1		1	03	- /		2						X							
954						02			3						X							
958						04			4						X							
1015			M			01-11			5						X							
1018						02 1			6						X							
1022						03			7						X							
1025					1	04			8						V							
1050					21	401-11			9						X							
1059						02-1'	1		10						X							
Acarema	al Instruction	ons: Plea	ase CC: cl	burton@e		, agiovengo@ensol	lum.com, jim.	raley@	@dvn.c	om, i	estre	lla@	ensol	um.	com,	char	nilton	@ens	olum.c	om,		
	ns@ensolun																					
	oler), attest to the _Cole Burton		d authenticit	y of this samp	le. I am aware th	at tampering with or intenti	ionally mislabeling	the sam	ple locati	ion, date	e or tim	e of co	llection	is cor	sidere	d fraud	d and ma	ay be gr	ounds for	legal action.		
	ed by: (Signatu		Date		Time 7>15	Received by: (Signator	te) onsides	Date	19.25	Time	94	<								st be received temp above (
1111	ed by: (Signatu	7 0000 7 0000	Date		Time 1600	Received by: (Signature) Received by: (Signature)	re)	Date	28-25 28.7	Tipré		200			Rece	ived	on ice		Lab Us	e Only		
	ed by: (Signat		Date		Time Cuco	Recgived by: Righatur	Ma	Date	3-25	Time	760				T1	···cu	511 100	T. (٠٠٠ (<u>٠</u> ٠٠)		<u>T3</u>	
Relinquish	ed by: (Signatu	re)	Date		Time	Received by: (Signatur	re)	Date		Time	-	_	gui.			Torr	p °C_	- <u>- 14</u> 山				
ample Mat	rix: S - Soil, Sd - S	Solid, Sg - Slu	dge, A - Aqu	eous, O - Othe	r			Conta	ainer Ty	/pe: g -	- glass	, p - p	ooly/p	lasti	c, ag	amb	er glas	s, v - \	ZOA		native mo	
	ran and the confident transfer					er arrangements are mad							-annieticate			clien	t expen	se. The	e report f	for the anal	ysis of the	above
amples is	applicable only	y to those s	amples rec	eived by the	laboratory wit	h this COC. The liability o	of the laboratory	is limit	ed to the	e amou	ınt pai	d for c	on the	repor	t.							





Page	1	- of
I agc		- 01

		WO	# 215	22634	Chain	of Cust	ody													Page
		nt Inform			Invoice Information	on			Lab Use Only				TAT			381	Stat	e		
Client: D Project:	evon Tuistic	Unit	+ 43 t		mpany: Devon Energy dress: 5315 Buena Vista D)r	_ L	ab WO	#220	75	Job I	Num	ber	7	1D	2D	3D Sto	NN X	CO UT	TX
Project N	/lanager: Asl	hley Giov	engo		City, State, Zip: Carlsbad NM, 88220															
	3122 Natio		-255-255-255-	The same of the sa	Phone: (575)689-7597						Ana	lysis	and	Met	hod			EPA Program		
	e, Zip: Carls		88220		ail: jim.raley@dvn.com		_											SDWA	CWA	RCRA
The same of the sa	575-988-005 giovengo@e	20210	om	Miso	cellaneous: Jim Raley				VALUE									Compliar	nce Y	or N
Elliali. a	gioverigowe	iisoiuiii.c	OIII					8015	8015			,			s			PWSID #	100000	01 11
				Sample Information	on			O by	o by	8021	3260	300.	Σ	5 - TX	Metal					
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field	Lat Numb	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	5
1105	2/27/25	5011	١	Bt	403-11		11						X							
1303	1	1	1		01A-01		12	7					X							
1307					01A -1		13	3					X							
1045				B	401-01		19	1					X							1
1054					07 \		15	-					X							
1103	1				V 63		10	,					X							
		246														1				
								188												
MONTH MANAGEMENT	nal Instructions@ensolum		ase CC: cbu	rton@ensolum.com,	agiovengo@ensolum.com	n, jim.raley	/@dvn	.com, i	estre	lla@	enso	lum.	com,	chai	milto	on@e	nsolum	.com,		
I, (field sam			authenticity o	this sample. I am aware that	t tampering with or intentionally misl	labeling the sa	mple loc	ation, date	e or tim	e of co	llectio	n is co	nsidere	ed frau	ıd and	may be	grounds fo	or legal action	1.	
Relinquish	ed by: (Signatu	re)	Date 2/2	Time 7:15	Received by: (Signature)	aleo 2	-28-	JZ Tim	94	5			sample		ceived			nust be receive vg temp above		
Relinquish	ed by: (Signatur	re)	les Date	875 Time 600	Received by: (Signature)	Date	7.2	Time	17	(85)				eivec		ice:	Lab L	lse Only N		
Relinquish	ed by: (Signatu	(e) 1 / ₋	Date	3.27 2400	Received by: (S) gosture)	3:	3.2	Time	700)			T1						<u>T3</u>	
Relinquish	ed by: (Signatu	re)	Date	Time	Received by: (Signature)	Date		Time	2					9/1/19		1	1			

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

AVG Temp °C



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

Envirotech Analytical Laboratory

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.

	Date Received:	03/03/25	07:00	Work Order ID:	E502295
Phone: (505) 382-1211	Date Logged In:	02/28/25	16:51	Logged In By:	Noe Soto
Email: agiovengo@ensolum.com	Due Date:	03/07/25	17:00 (4 day TAT)		
Chain of Custody (COC)					
1. Does the sample ID match the COC	??	Yes			
2. Does the number of samples per sar	mpling site location match the COC	Yes			
3. Were samples dropped off by client	or carrier?	Yes	Carrier: Courier		
4. Was the COC complete, i.e., signatu	ares, dates/times, requested analyses?	Yes			
 Were all samples received within he Note: Analysis, such as pH wh i.e, 15 minute hold time, are no 	ich should be conducted in the field,	Yes		Comment	ts/Resolution
Sample Turn Around Time (TAT)	neruded in this disuession.			<u> </u>	
6. Did the COC indicate standard TAT	or Expedited TAT?	Yes			
Sample Cooler	, or Emposited IIII.	145			
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 preser	nt?	No			
11. If yes, were custody/security seals		NA			
12. Was the sample received on ice? If yes, Note: Thermal preservation is minutes of sampling		Yes			
Sample Container					
14. Are aqueous VOC samples presen	t ?	No			
15. Are VOC samples collected in VO		NA			
16. Is the head space less than 6-8 mm		NA			
17. Was a trip blank (TB) included for	•	NA			
18. Are non-VOC samples collected in	•	Yes			
19. Is the appropriate volume/weight or i		Yes			
Field Label	•				
20. Were field sample labels filled out	with the minimum information:				
Sample ID?		Yes			
Date/Time Collected?		Yes	L		
Collectors name?		Yes			
Sample Preservation 21. Door the COC or field lebels india	ata tha gamenlag vyana mnagamyad?	NI-			
21. Does the COC or field labels indic	• •	No NA			
 Are sample(s) correctly preserved Is lab filteration required and/or re 		No			
•	quested for dissorved means.	110			
Multiphase Sample Matrix	h9	3.7			
26. Does the sample have more than o		No			
	in phase(s) is to be analyzed?	NA			
28. Are samples required to get sent to 29. Was a subcontract laboratory special contract laboratory special contr	· · · · · · · · · · · · · · · · · · ·	No NA	Subcontract Lab: NA		
Client Instruction					
27. If yes, does the COC specify whicSubcontract Laboratory28. Are samples required to get sent to29. Was a subcontract laboratory species	h phase(s) is to be analyzed? o a subcontract laboratory?	NA No	Subcontract Lab: NA		

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E503177

Job Number: 01058-0007

Received: 3/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/26/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/26/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Thistle Unit #043H

Workorder: E503177

Date Received: 3/20/2025 11:30:54PM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding 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

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whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Sample Summary

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

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



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

BH04-3' E503177-01

		E303177-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Maryo	Result	Limit	Dilution	Trepared	Maryzea	rotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2512163
Benzene	ND	0.0250	1	03/21/25	03/21/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/21/25	
Toluene	ND	0.0250	1	03/21/25	03/21/25	
o-Xylene	ND	0.0250	1	03/21/25	03/21/25	
p,m-Xylene	ND	0.0500	1	03/21/25	03/21/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/21/25	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	03/21/25	03/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2512163
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.4 %	70-130	03/21/25	03/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2512167
Diesel Range Organics (C10-C28)	904	25.0	1	03/21/25	03/21/25	
Oil Range Organics (C28-C36)	1230	50.0	1	03/21/25	03/21/25	
Surrogate: n-Nonane		93.1 %	61-141	03/21/25	03/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2512155
Chloride	335	20.0	1	03/21/25	03/21/25	

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

Artesia NM, 88210		Project Manager:	As	shley Gioveng	о			3/	26/2025 10:03:40AN
		Volatile O	rganics b	y EPA 802	1B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2512163-BLK1)							Prepared: 0	3/21/25 Ana	alyzed: 03/21/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			
LCS (2512163-BS1)							Prepared: 0	3/21/25 Ana	alyzed: 03/21/25
Benzene	5.38	0.0250	5.00		108	70-130			
Ethylbenzene	5.24	0.0250	5.00		105	70-130			
Toluene	5.45	0.0250	5.00		109	70-130			
o-Xylene	5.40	0.0250	5.00		108	70-130			
o,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	70-130			
LCS Dup (2512163-BSD1)							Prepared: 0	3/21/25 Ana	alyzed: 03/21/25
Benzene	5.51	0.0250	5.00		110	70-130	2.43	20	
Ethylbenzene	5.37	0.0250	5.00		107	70-130	2.50	20	
Toluene	5.59	0.0250	5.00		112	70-130	2.56	20	
-Xylene	5.53	0.0250	5.00		111	70-130	2.34	20	
o,m-Xylene	10.8	0.0500	10.0		108	70-130	2.47	20	
Total Xylenes	16.3	0.0250	15.0		109	70-130	2.42	20	
total Aylenes	10.5	0.0230	15.0		10)	70 150	22	20	



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

Artesia NM, 88210		Project Manager:		shley Giovengo					3/26/2025 10:03:40AM
	Non	halogenated C	organics	by EPA 8015	5D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2512163-BLK1)							Prepared: 0	3/21/25	Analyzed: 03/21/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			
LCS (2512163-BS2)							Prepared: 0	3/21/25	Analyzed: 03/21/25
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.3	70-130			
LCS Dup (2512163-BSD2)							Prepared: 0	3/21/25	Analyzed: 03/21/25
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		98.0	70-130	7.36	20	-
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		8.00		86.5	70-130			

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

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			3/	26/2025 10:03:40Al
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2512167-BLK1)							Prepared: 0	3/21/25 Ana	lyzed: 03/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.5		50.0		91.1	61-141			
LCS (2512167-BS1)							Prepared: 0	3/21/25 Ana	lyzed: 03/21/25
Diesel Range Organics (C10-C28)	231	25.0	250		92.5	66-144			
Surrogate: n-Nonane	46.6		50.0		93.1	61-141			
Matrix Spike (2512167-MS1)				Source:	E503166-	04	Prepared: 0	3/21/25 Ana	lyzed: 03/21/25
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	51.5		50.0		103	61-141			
Matrix Spike Dup (2512167-MSD1)				Source:	E503166-	04	Prepared: 0	3/21/25 Ana	lyzed: 03/21/25
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156	3.29	20	
Surrogate: n-Nonane	49.9		50.0		99.7	61-141			

LCS Dup (2512155-BSD1)

Chloride

255

Prepared: 03/20/25 Analyzed: 03/20/25

20

QC Summary Data

Devon Energy - Carlsbad		Project Name:		histle Unit #04	43H		Reported:		
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager		1058-0007 shley Gioveng	go			3	3/26/2025 10:03:40AM
		Analyst: JM							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2512155-BLK1)							Prepared: 0	3/20/25 Ar	nalyzed: 03/20/25
Chloride	ND	20.0							
LCS (2512155-BS1)							Prepared: 0	3/20/25 Ar	nalyzed: 03/20/25
Chloride	256	20.0	250		102	90-110			

250

20.0

102

90-110

0.159

QC Summary Report Comment:

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



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page	of
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Client Information						Invoice Information					Lab Use Only									TAT				State			
Client: Devon					Company: Devon Energy				Lab \	lumi			1D 2D 3D Std			Std	NM	CO UT	TX								
Project: Thistle Unit #043H						Address: 5315 Buena Vista Dr						E5	503(77 0)058 0067 X								х	x					
Project N	engo		Ci	City, State, Zip: Carlsbad NM, 88220							•																
Address:			Ph	Phone: (575)689-7597									Ana	lysis	and	Method					EPA Program						
City, State, Zip: Carlsbad NM, 88220						_ , _	Email: jim.raley@dvn.com					- 1							Ī					SDWA	CWA	RCRA	
Phone: 575-988-0055							Miscellaneous: Jim Raley							l							ı		- 1				
Email: agiovengo@ensolum.com						- Iviscendifeous. Sim Naicy							5	S.				1		- 1	ı		ı	Complian	ce Y	or N	
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Sample Mat	rix: S - Soil, Sd - Se	olid, Sg - Slu	idge, A - A	queous, O - C	Other_						tainer																
Note: Sam	ples are discard	ed 14 days	after res	ults are rep	orted				e. Hazardous sam							osed	of at t	he clie	nt ex	pense	. The	report	for t	he analysis	of the abov	e samples is	
ماطحمناهم	anly ta thosa sa	moles res	aired by t	the laborate	and write	h this COC Th	a liahili	h, of the labora	tory is limited to t	ha ami	nunt n	aid for	r on th	na ron	ort											i i	

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envirotec

envirotech Inc.

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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

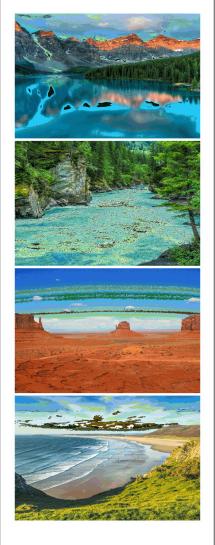
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/20/25	23:30	Work Order ID:	E503177
Phone:	(505) 382-1211	Date Logged In:	03/20/25	16:04	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/27/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes		<u>Comment</u>	s/Resolution
Sample T	Turn Around Time (TAT)					
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?					
	, were custody/security seals intact?		No			
-	•		NA			
	ne sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples as minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>			
Sample (Container	_				
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contai		Yes			
Field Lal			100			
	field sample labels filled out with the minimum info	ormation:				
	ample ID?		Yes			
	Pate/Time Collected?		Yes			
C	Collectors name?		Yes			
Sample I	Preservation_					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved r	netals?	No			
Multipha	ase Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
	, does the COC specify which phase(s) is to be anal		NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborate	aru?	No			
	a subcontract laboratory specified by the client and i	-	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
						_

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E503178

Job Number: 01058-0007

Received: 3/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/26/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

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Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/26/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Thistle Unit #043H

Workorder: E503178

Date Received: 3/20/2025 11:30:54PM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Chain of Custody etc.	11

Sample Summary

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

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



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

BH04-4' E503178-01

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2512163
ND	0.0250	1	03/21/25	03/21/25	
ND	0.0250	1	03/21/25	03/21/25	
ND	0.0250	1	03/21/25	03/21/25	
ND	0.0250	1	03/21/25	03/21/25	
ND	0.0500	1	03/21/25	03/21/25	
ND	0.0250	1	03/21/25	03/21/25	
	95.5 %	70-130	03/21/25	03/21/25	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2512163
ND	20.0	1	03/21/25	03/21/25	
	84.4 %	70-130	03/21/25	03/21/25	
mg/kg	mg/kg	Ana	lyst: KH		Batch: 2512167
1990	25.0	1	03/21/25	03/21/25	
2400	50.0	1	03/21/25	03/21/25	
	94.1 %	61-141	03/21/25	03/21/25	
mg/kg	mg/kg	Anal	lyst: DT		Batch: 2512155
442	20.0	1	03/21/25	03/21/25	
	ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg 1990 2400	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0250 MB/kg mg/kg MB/kg mg/kg 1990 25.0 2400 50.0 94.1 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Anai ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Anai ND 20.0 1 84.4 % 70-130 mg/kg mg/kg Anai 1990 25.0 1 2400 50.0 1 mg/kg mg/kg Anai	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 03/21/25 ND 0.0250 1 03/21/25 ND 0.0250 1 03/21/25 ND 0.0250 1 03/21/25 ND 0.0500 1 03/21/25 ND 0.0250 1 03/21/25 mg/kg mg/kg Analyst: IY ND 20.0 1 03/21/25 mg/kg mg/kg Analyst: KH 1990 25.0 1 03/21/25 mg/kg 50.0 1 03/21/25 94.1 % 61-141 03/21/25 mg/kg Mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/21/25 03/21/25 ND 0.0500 1 03/21/25 03/21/25 ND 0.0250 1 03/21/25 03/21/25 mg/kg mg/kg Analyst: IY ND 20.0 1 03/21/25 03/21/25 mg/kg mg/kg Analyst: IY ND 20.0 1 03/21/25 03/21/25 mg/kg mg/kg Analyst: KH 1990 25.0 1 03/21/25 03/21/25 2400 50.0 1 03/21/25 03/21/25 03/21/25 mg/kg mg/kg Analyst: KH 03/21/25 03/21/25 03/21/25



Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manager:		shley Gioveng	o			3/	26/2025 11:04:32AN
		Volatile O	rganics b	y EPA 802	1B				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2512163-BLK1)						I	Prepared: 03	3/21/25 Ana	alyzed: 03/21/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130			
LCS (2512163-BS1)						I	Prepared: 03	3/21/25 Ana	alyzed: 03/21/25
Benzene	5.38	0.0250	5.00		108	70-130			
Ethylbenzene	5.24	0.0250	5.00		105	70-130			
Toluene	5.45	0.0250	5.00		109	70-130			
-Xylene	5.40	0.0250	5.00		108	70-130			
o,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.9	0.0250	15.0		106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	70-130			
LCS Dup (2512163-BSD1)						I	Prepared: 03	3/21/25 Ana	alyzed: 03/21/25
Benzene	5.51	0.0250	5.00		110	70-130	2.43	20	
Ethylbenzene	5.37	0.0250	5.00		107	70-130	2.50	20	
Toluene	5.59	0.0250	5.00		112	70-130	2.56	20	
-Xylene	5.53	0.0250	5.00		111	70-130	2.34	20	
o,m-Xylene	10.8	0.0500	10.0		108	70-130	2.47	20	
Total Xylenes	16.3	0.0250	15.0		109	70-130	2.42	20	



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

Artesia NM, 88210		Project Manager:		shley Giovengo					3/26/2025 11:04:32AM
	Non	halogenated O	organics	by EPA 8015	5 D - G	RO			Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2512163-BLK1)							Prepared: 03	3/21/25	Analyzed: 03/21/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130			
LCS (2512163-BS2)							Prepared: 03	3/21/25	Analyzed: 03/21/25
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.3	70-130			
LCS Dup (2512163-BSD2)							Prepared: 03	3/21/25	Analyzed: 03/21/25
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		98.0	70-130	7.36	20	-
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		8.00		86.5	70-130			

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

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				3/26/2025 11:04:32A
	Nonhal	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2512167-BLK1)							Prepared: 0	3/21/25 A1	nalyzed: 03/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.5		50.0		91.1	61-141			
LCS (2512167-BS1)							Prepared: 0	3/21/25 Aı	nalyzed: 03/21/25
Diesel Range Organics (C10-C28)	231	25.0	250		92.5	66-144			
Surrogate: n-Nonane	46.6		50.0		93.1	61-141			
Matrix Spike (2512167-MS1)				Source:	E503166-	04	Prepared: 0	3/21/25 Aı	nalyzed: 03/21/25
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	51.5		50.0		103	61-141			
Matrix Spike Dup (2512167-MSD1)				Source:	E503166-	04	Prepared: 0	3/21/25 Aı	nalyzed: 03/21/25
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156	3.29	20	
Surrogate: n-Nonane	49.9		50.0		99.7	61-141			



LCS Dup (2512155-BSD1)

Chloride

Analyst: JM

Prepared: 03/20/25 Analyzed: 03/20/25

QC Summary Data

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

Anions by EPA 300.0/9056A

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2512155-BLK1)							Prepared: 0	3/20/25 An	alyzed: 03/20/25
Chloride	ND	20.0							
LCS (2512155-BS1)							Prepared: 0	3/20/25 An	alyzed: 03/20/25
Chloride	256	20.0	250		102	90-110			

250

20.0

102

90-110

0.159

255

QC Summary Report Comment:

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



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 8/1/2025 11:04:52 AM

	Clie	nt Inform	nation	Invoice Information Lab Use Only			TAT		State													
Client: D	evon				500	Company: Devon Energy	The state of		Lab	WO#			Job I				1D	2D	3D Std	NM C	OUT	TX
Project:	Thistle Unit #	#043H				Address: 5315 Buena Vista Dr			ES	wo#	178	3	Olc	28.	200	21			х	x		
Project N	Nanager: Ash	nley Giove	engo			City, State, Zip: Carlsbad NM, S	88220		Many	ld dis			WY.			to all li	EMM	-140				
Address:	3122 Nation	nal Parks I	Hwy			Phone: (575)689-7597							Ana	lysis	and	Met	hod			EPA	Progra	m
City, Stat	e, Zip: Carlsl	bad NM, 8	88220			Email: jim.raley@dvn.com														SDWA	CWA	RCRA
Phone: 5	575-988-0055	5			N	liscellaneous: Jim Raley																
Email: a	giovengo@ei	nsolum.co	om							115	15									Compliance	Υ	or N
										y 80	y 80	12	0	0.0	5	×	tals			PWSID#		
				Sam	ple Informa	ition				RO b	RO b	V 80.	826	e 30	N.	- 500	Σ					
Time Sampled	Date Sampled	Matrix	No. of Container	rs		Sample ID	Field	Nun	ab nber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			F	Remarks	
13:07	3/19/2025	S	1			BH04 - 4'	4	1							х					Do not run unless B	3H04 - 3' CI is : 100	600 or TPH is >
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				_			4															
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				_				JAN 1									┢					
								BW														
Addition	al Instruction	ns: Plea	se CC:	cburton@e	nsolum.com	n, agiovengo@ensolum.com, jir	m.raley(@dvn.	com,	, iesti	rella(@ens	solun	n.cor	n, ch	amil	ton@	ens	olum.cor	n,		
bsimmo	ns@ensolum	.com. bm	noir@e	nsolum.com	1																	
Ot 100 10-15-15-50		e validity and	authentic	city of this samp	le. I am aware t	hat tampering with or intentionally mislabo	eling the sa	imple loc	cation,	date o	r time	of coll	ection	is cons	idered	fraud	and m	nay be	grounds for	legal action.		
E 0	: _Cole Burton		T-		T	In the state of th	ls .			-					Camal		ising th	ormal n	reconstion m	ust be received on	ice the day	thouara
Relinquish	ed by: (Signatur	e) ~	Da	3/20/25	7.30	Referred by: (Signature)	es 3	20°	25	Time	737	D			7.5				in ice at an av	g temp above 0 bu		
Relinguish	ed by (Signatur	e) onzale	S Da	-70-72	Time 1640	Recovered by: (Signature)	Dat 3	.20	.75	Time	178	00			Rece	eived	d on i	ice:	(Y)/ N	Ise Only		
Relinguish	ed by (Signatur	e)	Da	20.28	71me 230	Received by Signature	Dat	·20.7		Time	101	0-7	23	30	<u>T1</u>				T2	Т	3	
Relinquish	ed by: (Signatur	e)		ite	Time	Received by: (Signature)	Dat			Time				CW	AVG	Ten	np °C		4			
Sample Mat	trix: S - Soil, Sd - So	olid, Sg - Sluc	dge, A - Ac	ueous, O - Othe	er		Co	ntaine	г Туре	e: g -	glass,	p - p	oly/p	lastic,	ag -	amb	er gla	SS, V	- VOA			
						r arrangements are made. Hazardous														the analysis of	the above	e samples is
						The liability of the laboratory is limited																



enviroteclient expense. The report for the analysis of the above samples is

envirotech Inc.

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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	03/20/25 23:3	30	Worl	k Order ID:	E503178
Phone:	(505) 382-1211	Date Logged In:	03/20/25 16:0	07	Logg	ged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/27/25 17:0	00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier_		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•	Yes			Comments	s/Resolution
Sample T	urn Around Time (TAT)			[
	COC indicate standard TAT, or Expedited TAT?		Yes		Client Remark	s- Do not	run unless BH04-3
Sample C	<u>Cooler</u>				Cl is >600 or T	TPH is >1	00
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C	•	<u> </u>	<u>~</u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lab	· · ·						
	— field sample labels filled out with the minimum info	ormation:					
Sa	ample ID?		Yes				
	ate/Time Collected?		Yes	L			
	ollectors name?		Yes				
	reservation		NT.				
	the COC or field labels indicate the samples were p	reserveu?	No				
	ample(s) correctly preserved? filteration required and/or requested for dissolved n	netala?	NA No				
	•	netais:	NO				
	se Sample Matrix	0					
	the sample have more than one phase, i.e., multipha		No				
	does the COC specify which phase(s) is to be analy	yzeu?	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	-	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA Sı	ıbcontract Lab	: NA		
Client In	<u>istruction</u>						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E503179

Job Number: 01058-0007

Received: 3/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/26/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 3/26/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Thistle Unit #043H

Workorder: E503179

Date Received: 3/20/2025 11:30:54PM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Laboratory Technical Representative Office: 505-421-LABS(5227)

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Γ	Devon Energy - Carlsbad	Project Name:	Thistle Unit #043H	Reported:
1	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported.
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/26/25 10:16

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



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

BH04-0' E503179-01

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



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

BH04-1' E503179-02

		20001.7 02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2512163
Benzene	ND	0.0250	1	03/21/25	03/21/25	
Ethylbenzene	ND	0.0250	1	03/21/25	03/21/25	
Toluene	ND	0.0250	1	03/21/25	03/21/25	
o-Xylene	ND	0.0250	1	03/21/25	03/21/25	
o,m-Xylene	ND	0.0500	1	03/21/25	03/21/25	
Total Xylenes	ND	0.0250	1	03/21/25	03/21/25	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	03/21/25	03/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2512163
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/21/25	03/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.3 %	70-130	03/21/25	03/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2512167
Diesel Range Organics (C10-C28)	1780	25.0	1	03/21/25	03/21/25	
Oil Range Organics (C28-C36)	1760	50.0	1	03/21/25	03/21/25	
Surrogate: n-Nonane		95.0 %	61-141	03/21/25	03/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2512155
Chloride	2700	40.0	2	03/21/25	03/21/25	



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

BH04-2'

E503179-03

	Donartina				
Result	Limit	Dilut	tion Prepar	red Analyzed	Notes
mg/kg	mg/kg	Α	Analyst: IY		Batch: 2512163
ND	0.0250	1	03/21/	/25 03/21/25	
ND	0.0250	1	03/21/	/25 03/21/25	
ND	0.0250	1	03/21/	/25 03/21/25	
ND	0.0250	1	03/21/	/25 03/21/25	
ND	0.0500	1	03/21/	/25 03/21/25	
ND	0.0250	1	03/21/	/25 03/21/25	
	96.6 %	70-130	03/21/	/25 03/21/25	
mg/kg	mg/kg	Α	Analyst: IY		Batch: 2512163
ND	20.0	1	03/21/	/25 03/21/25	
	83.8 %	70-130	03/21/	/25 03/21/25	
mg/kg	mg/kg	Α	Analyst: KH		Batch: 2512167
280	25.0	1	03/21/	/25 03/24/25	
464	50.0	1	03/21/	/25 03/24/25	
	00.60/	61-141	03/21/	/25 03/24/25	
	89.6 %	01-141	03/21/	20 05/21/20	
mg/kg	89.6 % mg/kg		Analyst: DT	20 05,21,20	Batch: 2512155
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg ND 20.0 83.8 % mg/kg mg/kg mg/kg 280 25.0	Result Limit Dilute mg/kg mg/kg M ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 20.0250 1 mg/kg mg/kg 4 ND 20.0 1 83.8 % 70-130 mg/kg mg/kg mg/kg 2 280 25.0 1	Result Limit Dilution Preparent mg/kg mg/kg Analyst: IV ND 0.0250 1 03/21. ND 0.0250 1 03/21. ND 0.0250 1 03/21. ND 0.0500 1 03/21. ND 0.0250 1 03/21. ND 0.0250 1 03/21. mg/kg mg/kg Analyst: IY ND 20.0 1 03/21. 83.8 % 70-130 03/21. mg/kg mg/kg Analyst: KH 280 25.0 1 03/21.	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 03/21/25 03/21/25 ND 0.0250 1 03/21/25 03/21/25 ND 0.0250 1 03/21/25 03/21/25 ND 0.0500 1 03/21/25 03/21/25 ND 0.0250 1 03/21/25 03/21/25 ND 0.0250 1 03/21/25 03/21/25 mg/kg mg/kg Analyst: IY ND 20.0 1 03/21/25 03/21/25 83.8 % 70-130 03/21/25 03/21/25 mg/kg mg/kg Analyst: KH 280 25.0 1 03/21/25 03/24/25



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

Artesia NM, 88210		Project Manager:		shley Gioveng	go			3.	/26/2025 10:16:19Al	
Volatile Organics by EPA 8021B Analyst: IY										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2512163-BLK1)							Prepared: 0	3/21/25 An	alyzed: 03/21/25	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
o,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.72		8.00		96.5	70-130				
LCS (2512163-BS1)							Prepared: 0	3/21/25 An	alyzed: 03/21/25	
Benzene	5.38	0.0250	5.00		108	70-130				
Ethylbenzene	5.24	0.0250	5.00		105	70-130				
Toluene	5.45	0.0250	5.00		109	70-130				
o-Xylene	5.40	0.0250	5.00		108	70-130				
o,m-Xylene	10.5	0.0500	10.0		105	70-130				
Total Xylenes	15.9	0.0250	15.0		106	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.1	70-130				
LCS Dup (2512163-BSD1)							Prepared: 0	3/21/25 An	alyzed: 03/21/25	
Benzene	5.51	0.0250	5.00		110	70-130	2.43	20		
Ethylbenzene	5.37	0.0250	5.00		107	70-130	2.50	20		
Toluene	5.59	0.0250	5.00		112	70-130	2.56	20		
o-Xylene	5.53	0.0250	5.00		111	70-130	2.34	20		
o,m-Xylene	10.8	0.0500	10.0		108	70-130	2.47	20		
Total Xylenes	16.3	0.0250	15.0		109	70-130	2.42	20		



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

Artesia NM, 88210		Project Manager		hley Gioveng	90				3/26/2025 10:16:19AN	
Nonhalogenated Organics by EPA 8015D - GRO Analyst: 1Y										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2512163-BLK1)							Prepared: 0	3/21/25 A	Analyzed: 03/21/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.72		8.00		84.0	70-130				
LCS (2512163-BS2)							Prepared: 0	3/21/25 A	Analyzed: 03/21/25	
Gasoline Range Organics (C6-C10)	52.8	20.0	50.0		106	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.90		8.00		86.3	70-130				
LCS Dup (2512163-BSD2)							Prepared: 0	3/21/25 A	Analyzed: 03/21/25	
Gasoline Range Organics (C6-C10)	49.0	20.0	50.0		98.0	70-130	7.36	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.92		8.00		86.5	70-130				

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

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go				3/26/2025 10:16:19A	
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KH										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2512167-BLK1)							Prepared: 0	3/21/25 A	nalyzed: 03/21/25	
biesel Range Organics (C10-C28)	ND	25.0								
vil Range Organics (C28-C36)	ND	50.0								
urrogate: n-Nonane	45.5		50.0		91.1	61-141				
CS (2512167-BS1)							Prepared: 0	3/21/25 A	nalyzed: 03/21/25	
viesel Range Organics (C10-C28)	231	25.0	250		92.5	66-144				
urrogate: n-Nonane	46.6		50.0		93.1	61-141				
Matrix Spike (2512167-MS1)				Source:	E503166-0	04	Prepared: 0	3/21/25 A	nalyzed: 03/21/25	
riesel Range Organics (C10-C28)	265	25.0	250	ND	106	56-156				
urrogate: n-Nonane	51.5		50.0		103	61-141				
Matrix Spike Dup (2512167-MSD1)				Source:	E503166-0	04	Prepared: 0	3/21/25 A	nalyzed: 03/21/25	
tiesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156	3.29	20		
urrogate: n-Nonane	49.9		50.0		99.7	61-141				



LCS Dup (2512155-BSD1)

255

Chloride

Prepared: 03/20/25 Analyzed: 03/20/25

20

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		histle Unit #04 1058-0007	43H				Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go			3	3/26/2025 10:16:19AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2512155-BLK1)						1	Prepared: 0	3/20/25 Ar	nalyzed: 03/20/25
Chloride	ND	20.0							
LCS (2512155-BS1)]	Prepared: 0	3/20/25 Ar	nalyzed: 03/20/25
Chloride	256	20.0	250		102	90-110			

250

20.0

102

90-110

0.159

QC Summary Report Comment:

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



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client Information						Invoice Information			Lab Use Only						TAT			Ī		Stat	e		
Client: Do					\dashv	Company: Devon Energy		12	b W	VO#			1 doL	lumb	er		1D	2D	3D	Std	NM	CO UT	TX
	Thistle Unit #	1043H				Address: 5315 Buena Vista Dr		F	5	<u> 20</u>	77	ર	DICE	58·C	α	7				X	х		
	lanager: Ash		engo			City, State, Zip: Carlsbad NM, 88	220																
	3122 Nation					hone: (575)689-7597			Γ				Ana	lysis	and	Meti	hod				EF	A Progra	am
City, State	e, Zip: Carlsl	oad NM, 8	38220			mail: jim.raley@dvn.com			Γ												SDWA	CWA	RCRA
Phone: 5	75-988-0055	5			1 —	iscellaneous: Jim Raley																	<u> </u>
Email: ag	iovengo@er	nsolum.co	<u>m</u>						- [ž	£										Complian	e Y	or N
				•					_	8	8	77	9	8	Σ	¥	tals				PWSID#		
				Sam	ple Informat	ion			4	§	ğ	y 80	y 826	8 8	<u>ک</u>	8	8 Me					D	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	er	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Chtoride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
12:37	3/19/2025	S	1			BH04 - 0'		1							х								
12:46	3/19/2025	S	1			BH04 - 1'		2							x								
12:49	3/19/2025	S	1			BH04 - 2'		3							X								
																							
						_																	
																		 					
Addition	al Instruction	ns: Plea	se CC: cl	urton@ei	nsolum.com	agiovengo@ensolum.com, jim	raley@	dvn.co	m, i	iestr	ella(en:	olun	1.con	n, ch	amil	ton@	ens	olum	.com	l I,		
bsimmor	s@ensolum	.com. bm	roir@en	solum.com								-611				· Canada		b-		la fan la	ent netion		
	•	validity and	authentici	y of this samp	ie. I am aware tr	at tampering with or intentionally mislabeli	ig the san	npie iocati	on, a	ate or	ume	OI COII	ection	is cons	iuerec	IIIauu	ana m	iay be	ground	15 101 16	gai action.		
	_Cole Burton ed by: (Signatur	<u> </u>	Dat	•	Time	Margueday: (Stanateda) 2	Date			Time					Sampl	es requi	iring the	ermal p	reserva	tion mu	st be received	on ice the day	they are
12/	0 DA	^		20/25	7:30	Wichelle Gonzale	9 3	202	51	5	737	D			sampl	ed or re	ceived	packed	in ice at	t an avg	temp above 0	but less than	6 °C on
Religouished by: (Signature) Date Time			Time 1640	Received Iv: (Signature)	Date		7	7fme	170				Rec	eived	i on i	ice.	\sim	ab U:	se Only				
Relingdishe		e)	Dat	e	Time	Received by: Algrature)	Date		-	Time			L_			_,,,	. 0111		(<u>'</u>	<i>,</i> "			
1. 3.20.25 2300 (sittly have		73	<u> 20-25</u>	<u>ا د</u>	at	域) _k	133	ひ	<u>T1</u>			_	<u>T2</u>			<u>T3</u>						
Relinquishe	ed by: (Signatur	e)	Dat		Time	Received by: (Signature)	Date		1	Time			C	M	AVG	i Tem	np °C		{				
Sample Mati	rix: S - Soi l, Sd - S	olid, Sg - Slud	ige, A - Aqu	eous, O - Othe	r			tainer T															
						arrangements are made. Hazardous sa							osed	of at t	he cli	ent ex	pense	e. The	repor	t for t	he analysis	of the abov	e samples i
[applicable (only to those sa	mples rece	ived by th	e laboratory v	with this COC. 1	he liability of the laboratory is limited t	o the am	ount paid	10T	on th	е гер	oπ.											

envirotec

envirotech Inc.

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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

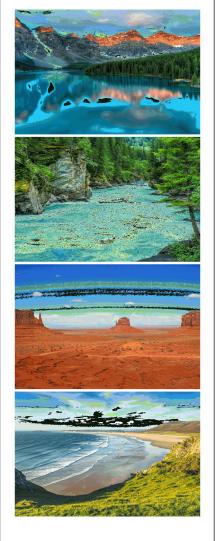
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Devon Energy - Carlsbad	Date Received:	03/20/25	23:30	Work Order ID:	E503179
Phone:	(505) 382-1211	Date Logged In:	03/20/25	16:09	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	03/27/25	17:00 (4 day TAT)		
Chain a	f Custody (COC)					
			37			
	the sample ID match the COC? The number of samples per sampling site location mat	ch the COC	Yes			
	samples dropped off by client or carrier?	on the coc	Yes Yes	Comion Courier		
	ne COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	Carrier: <u>Courier</u>		
	all samples received within holding time?	ned unary ses.	Yes			
3. Wele	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		103		Comment	s/Resolution
	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was tl	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>			
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
15. Are	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers'	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	•					
•	e field sample labels filled out with the minimum info	rmation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were pr	eserved?	No			
	sample(s) correctly preserved?		NA			
24. Is lat	o filteration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborator	ry?	No			
29. Was	a subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
<u>Chent i</u>	nstruction .					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E504011

Job Number: 01058-0007

Received: 4/3/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 4/10/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/10/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Thistle Unit #043H

Workorder: E504011

Date Received: 4/3/2025 8:00:00AM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding 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

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Michelle Gonzales

Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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

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



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

BH04-5' E504011-01

Reporting Result Limit Dilution Prepared Analyzed Notes

Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2514091
Benzene	ND	0.0250	1	04/03/25	04/03/25	
Ethylbenzene	ND	0.0250	1	04/03/25	04/03/25	
Toluene	0.132	0.0250	1	04/03/25	04/03/25	
o-Xylene	ND	0.0250	1	04/03/25	04/03/25	
p,m-Xylene	ND	0.0500	1	04/03/25	04/03/25	
Total Xylenes	ND	0.0250	1	04/03/25	04/03/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	04/03/25	04/03/25	

Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: SL		Batch: 2514091
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/03/25	04/03/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	04/03/25	04/03/25	

Surrogute. 1-Chloro-4-jluorobenzene-1/1D		97.3 /0	/0-130	04/03/23	04/03/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2514089
Diesel Range Organics (C10-C28)	8590	250	10	04/03/25	04/09/25	
Oil Range Organics (C28-C36)	4960	500	10	04/03/25	04/09/25	
Surrogate: n-Nonane		86.6 %	61-141	04/03/25	04/09/25	

Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst:	AK		Batch: 2514098
Chloride	1280	20.0	1	04/03/25	04/03/25	

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

BH04-7'

E504011-02

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



Sample Data

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

BH04-8.5'

E504011-03								
Reporting								
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2514091		
Benzene	ND	0.0250	1	04/03/25	04/03/25			
Ethylbenzene	ND	0.0250	1	04/03/25	04/03/25			
Toluene	ND	0.0250	1	04/03/25	04/03/25			
o-Xylene	ND	0.0250	1	04/03/25	04/03/25			
p,m-Xylene	ND	0.0500	1	04/03/25	04/03/25			
Total Xylenes	ND	0.0250	1	04/03/25	04/03/25			
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	04/03/25	04/03/25			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2514091		
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/03/25	04/03/25			
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	04/03/25	04/03/25			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KH		Batch: 2514089		
Diesel Range Organics (C10-C28)	72.3	25.0	1	04/03/25	04/05/25			
Oil Range Organics (C28-C36)	57.3	50.0	1	04/03/25	04/05/25			
Surrogate: n-Nonane		98.8 %	61-141	04/03/25	04/05/25			
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: AK		Batch: 2514098		
Chloride	2190	40.0	2	04/03/25	04/03/25			



Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Number: Project Manager:		shley Giovengo	o			4	/10/2025 11:18:58AM
		Volatile O	rganics b	y EPA 8021	1B				Analyst: SL
Analyte	D. Iv	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	mg/kg	mg/kg	% %	%	%	%	Notes
Blank (2514091-BLK1)							Prepared: 0-	4/03/25 An	alyzed: 04/03/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.90		8.00		98.8	70-130			
LCS (2514091-BS1)							Prepared: 0-	4/03/25 An	alyzed: 04/03/25
Benzene	4.26	0.0250	5.00		85.2	70-130			
Ethylbenzene	4.09	0.0250	5.00		81.9	70-130			
Toluene	4.20	0.0250	5.00		84.0	70-130			
o-Xylene	4.10	0.0250	5.00		81.9	70-130			
p,m-Xylene	8.25	0.0500	10.0		82.5	70-130			
Total Xylenes	12.3	0.0250	15.0		82.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.06		8.00		101	70-130			
LCS Dup (2514091-BSD1)							Prepared: 0	4/03/25 An	alyzed: 04/03/25
Benzene	4.92	0.0250	5.00		98.4	70-130	14.4	20	
Ethylbenzene	4.74	0.0250	5.00		94.8	70-130	14.7	20	
Toluene	4.86	0.0250	5.00		97.3	70-130	14.6	20	
o-Xylene	4.74	0.0250	5.00		94.9	70-130	14.6	20	
p,m-Xylene	9.54	0.0500	10.0		95.4	70-130	14.5	20	
Total Xylenes	14.3	0.0250	15.0		95.2	70-130	14.5	20	



Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

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

Artesia NM, 88210		Project Manager		shley Gioveng	go			4/1	0/2025 11:18:58AM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2514091-BLK1)							Prepared: 0	4/03/25 Anal	yzed: 04/03/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			
LCS (2514091-BS2)							Prepared: 0	4/03/25 Anal	yzed: 04/03/25
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.02		8.00		100	70-130			
LCS Dup (2514091-BSD2)							Prepared: 0	4/03/25 Anal	yzed: 04/03/25

8.00

70-130

70-130

3.40

20.0

8.16

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

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			4/	10/2025 11:18:58Al
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2514089-BLK1)							Prepared: 0	4/03/25 Ana	lyzed: 04/04/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.6		50.0		107	61-141			
LCS (2514089-BS1)							Prepared: 0	4/03/25 Ana	lyzed: 04/04/25
Diesel Range Organics (C10-C28)	236	25.0	250		94.5	66-144			
Surrogate: n-Nonane	45.8		50.0		91.6	61-141			
Matrix Spike (2514089-MS1)				Source:	E504015-	22	Prepared: 0	4/03/25 Ana	lyzed: 04/04/25
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.5	56-156			
Surrogate: n-Nonane	49.3		50.0		98.5	61-141			
Matrix Spike Dup (2514089-MSD1)				Source:	E504015-	22	Prepared: 0	4/03/25 Ana	lyzed: 04/04/25
Diesel Range Organics (C10-C28)	266	25.0	250	ND	107	56-156	6.82	20	
Surrogate: n-Nonane	52.1		50.0		104	61-141			

Devon Energy - Carlsbad		Project Name:		histle Unit #04 1058-0007	13H				Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		shley Gioveng	go				4/10/2025 11:18:58AM
		Anions	by EPA	300.0/9056 <i>A</i>	A				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2514098-BLK1)							Prepared: 0	4/03/25	Analyzed: 04/03/25
Chloride	ND	20.0							
LCS (2514098-BS1)							Prepared: 0	4/03/25	Analyzed: 04/03/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2514098-MS1)				Source:	E504010-	05	Prepared: 0	4/03/25	Analyzed: 04/03/25
Chloride	296	20.0	250	38.6	103	80-120			
Matrix Spike Dup (2514098-MSD1)				Source:	E504010-	05	Prepared: 0	4/03/25	Analyzed: 04/03/25
Chloride	302	20.0	250	38.6	105	80-120	1.81	20	

QC Summary Report Comment:

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



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

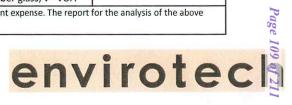
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Chain of Custody

Page	of
. age	

	Clier	nt Inform	ation			Invoice Informat	tion		12	14	La	b Us	e On	ly				TAT	•	State	
Client: D						Company: Devon		5558	Lal	o WO	Ħ		Olo	Num	ber_	_	1D	2D 3	BD Std	NM CO UT T	ТХ
Project:	Thistle	Uni	十井	743H		Address: 5315 Buena Vista	Dr		E	300	1011		010	28	1000	1			X	V	
Project N	lanager: Asl	nley Giove	engo			City, State, Zip: Carlsbad NN	VI, 88220)								Hs.B.					
Address:	3122 Nation	nal Parks	Hwy		P	hone: (575)689-7597					.,		Ana	lysis	and	Met	nod			EPA Program	
City, State	e, Zip: Carlsl	oad NM,	88220			Email: jim.raley@dvn.com														SDWA CWA	RCRA
Phone: 5	75-988-0055	5			N	1iscellaneous: Jim Raley			闕												
Email: ag	giovengo@ei	nsolum.co	om			*				15	15				9					Compliance Y of	or N
										y 8015	y 8015	н	_	0.0	V	×	als			PWSID #	
				Sam	ple Informa	tion				DRO/ORO by	NO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			· · · · · · · · · · · · · · · · · · ·	
Time	Date Sampled	Matrix	No. of			Sample ID	1	Filter	Lab Numbe	10/c	GRO/DRO	X P	Cby	oride	DOC	Q 10	₹8 8 ¥8			Remarks	1
Sampled	oute sumpleu	Width	Containers			Sumple 15	j.	三百	Numbe	r 🖁	GR(BTE	9	-S	BG	TCE	RCF				
921	4/1/25	soil	1		1	BH04-51			1						X						
931) -7'			2						X						
937		1	1			-8-5'			3						X						
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									100												
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Addition	al Instruction	ns: Plea	se CC: c	burton@e	nsolum.co	m, agiovengo@ensolum.co	m, jim.ra	ley(@dvn.c	om, c	hami	lton(@ens	olun	n.cor	n, ies	trell	a@en	solum.	com	
I, (field samp	ler), attest to the	validity and	authenticit	y of this samp	le. I am aware	that tampering with or intentionally m	nislabeling th	ne san	nple locati	on, date	or tim	e of co	llectio	n is cor	nsidere	d frau	d and r	nay be g	grounds fo	r legal action.	
Sampled by:	_Israel Estrella						_														
Relinquishe	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	6	Date		Time		83								ust be received on ice the day th	
~	112	· 9.	4	12/25	7-11	Received by: (Signature)	ales	4.	2.25	C	711				sample	ed or re went d	ceived p	acked in	ice at an av	g temp above 0 but less than 6 '	'C on
Relinquishe	ed by: (Signatur	e) nzale	S Date	2.25	Time 1515	Received by: (Signature)	_	Date 4-7	2-25	Time	15				Rece	eived	on i	ce:	Lab U	se Only I	
	ed by: (Signatur		Date	-2-25	Time 2130	Received by Gignature	n	Date 4.	3.25	. Time					T1			T	2	Т3	
Relinquishe	ed by Signatur	e)	Date		Time	Received by: (Signature)		Date		Time					AV/C	Tem	n°C	4			
Sample Matr	ix: S - Soil, Sd - So	olid. Se - Slud	ige. A - Agu	eous. O - Oth	er			Cont	ainer Ty	pe: g ·	glass	, p - I	oolv/r	olasti	c, ag	- amb	er gl	ass, v -	VOA		
						ner arrangements are made. Haza														for the analysis of the ab	oove
						ith this COC. The liability of the lal													47 10	0 ≸./.	



Page 13 of 14

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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/03/25 (08:00		Work Order ID:	E504011
Phone:	(505) 382-1211	Date Logged In:	04/02/25 1	16:25		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	04/09/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	<u>ourier</u>		
	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi	•	Yes			<u>Comment</u>	s/Resolution
Sample T	<u>urn Around Time (TAT)</u>			Γ			
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes C				
Sample C		- F	_				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	?	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal	•						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
D	ate/Time Collected?		Yes	L			
C	ollectors name?		Yes				
	<u>reservation</u>						
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved me	etals?	No				
	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	ise?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ory?	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA		
Client Ir	nstruction_						

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E504068

Job Number: 01058-0007

Received: 4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/16/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/16/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Thistle Unit #043H

Workorder: E504068

Date Received: 4/10/2025 7:00:00AM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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

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



Sample Data

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

BH04-9'

E504068-01

		E304000 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2515065
Benzene	ND	0.0250	1	04/10/25	04/10/25	_
Ethylbenzene	ND	0.0250	1	04/10/25	04/10/25	
Toluene	ND	0.0250	1	04/10/25	04/10/25	
o-Xylene	ND	0.0250	1	04/10/25	04/10/25	
p,m-Xylene	ND	0.0500	1	04/10/25	04/10/25	
Total Xylenes	ND	0.0250	1	04/10/25	04/10/25	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	04/10/25	04/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2515065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/25	04/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	04/10/25	04/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2515090
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		106 %	61-141	04/10/25	04/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2515073
Chloride	657	20.0	1	04/10/25	04/10/25	

Chloride

Sample Data

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

BH04-10'

		E504068-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2515065
Benzene	ND	0.0250	1	04/10/25	04/10/25	
Ethylbenzene	ND	0.0250	1	04/10/25	04/10/25	
Toluene	ND	0.0250	1	04/10/25	04/10/25	
o-Xylene	ND	0.0250	1	04/10/25	04/10/25	
p,m-Xylene	ND	0.0500	1	04/10/25	04/10/25	
Total Xylenes	ND	0.0250	1	04/10/25	04/10/25	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	04/10/25	04/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2515065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/25	04/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	04/10/25	04/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KH		Batch: 2515090
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		103 %	61-141	04/10/25	04/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2515073

20.0

490

04/10/25

04/10/25



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

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

Artesia NM, 88210		Project Number: Project Manager:		058-0007 shley Gioveng	до			4	/16/2025 9:19:07AM	
Volatile Organics by EPA 8021B										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2515065-BLK1)						P	repared: 04	4/10/25 An	alyzed: 04/10/25	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130				
LCS (2515065-BS1)						P	repared: 04	4/10/25 An	alyzed: 04/10/25	
Benzene	4.87	0.0250	5.00		97.4	70-130				
Ethylbenzene	4.79	0.0250	5.00		95.9	70-130				
Toluene	4.84	0.0250	5.00		96.8	70-130				
p-Xylene	4.78	0.0250	5.00		95.6	70-130				
p,m-Xylene	9.54	0.0500	10.0		95.4	70-130				
Total Xylenes	14.3	0.0250	15.0		95.5	70-130				
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130				
LCS Dup (2515065-BSD1)						P	repared: 04	4/10/25 An	alyzed: 04/10/25	
Benzene	4.17	0.0250	5.00		83.4	70-130	15.5	20		
Ethylbenzene	4.12	0.0250	5.00		82.4	70-130	15.1	20		
Toluene	4.16	0.0250	5.00		83.2	70-130	15.1	20		
p-Xylene	4.14	0.0250	5.00		82.8	70-130	14.4	20		
p,m-Xylene	8.23	0.0500	10.0		82.3	70-130	14.8	20		
Total Xylenes	12.4	0.0250	15.0		82.5	70-130	14.6	20		



LCS Dup (2515065-BSD2)

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

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

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			2	4/16/2025 9:19:07AM
	Non	halogenated	Organics	by EPA 80	15D - G	RO			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
	mg kg	mg kg	mg kg	mg kg	70	70			
Blank (2515065-BLK1)							Prepared: 0	4/10/25 An	alyzed: 04/10/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			
LCS (2515065-BS2)							Prepared: 0	4/10/25 An	nalyzed: 04/10/25
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.4	70-130		-	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.19		8.00		102	70-130			

8.00

102

70-130

70-130

2.43

20.0

7.96



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

20

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

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			4.	/16/2025 9:19:07AM
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515090-BLK1)							Prepared: 0	4/10/25 Ana	alyzed: 04/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.0		50.0		120	61-141			
LCS (2515090-BS1)							Prepared: 0	4/10/25 Ana	alyzed: 04/11/25
Diesel Range Organics (C10-C28)	245	25.0	250		98.2	66-144			
Surrogate: n-Nonane	48.6		50.0		97.2	61-141			
Matrix Spike (2515090-MS1)				Source:	E504069-	01	Prepared: 0	4/10/25 Ana	alyzed: 04/11/25
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	51.6		50.0		103	61-141			
Matrix Spike Dup (2515090-MSD1)				Source:	E504069-	01	Prepared: 0	4/10/25 Ana	alyzed: 04/11/25
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	56-156	5.54	20	
Surrogate: n-Nonane	51.0		50.0		102	61-141			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		histle Unit #04 1058-0007	43H				Reported:
Artesia NM, 88210		Project Manager	: A	shley Gioveng	go				4/16/2025 9:19:07AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515073-BLK1)							Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Chloride	ND	20.0							
LCS (2515073-BS1)							Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2515073-MS1)				Source:	E504067-	04	Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Chloride	281	20.0	250	28.9	101	80-120			
Matrix Spike Dup (2515073-MSD1)				Source:	E504067-	04	Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Chloride	285	20.0	250	28.9	102	80-120	1.46	20	

QC Summary Report Comment:

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



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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	Clie	nt Inform	nation				Invoi	ce Information				W.	La	b Us	e On	ly				TA	Λ Τ			State	е
Client: [Com	pany: Devo	n Energy		L	ab \	WO#			Job I	Vum	ber		1D	2D	3D S	td	NM	CO UT	TX
Project:	Thistle V	# tin	043H		8	Add	ress: 5315 B	uena Vista Dr			E5	04	06	8	010	SB	000	7			х		x		
Project N	Manager: As	hley Giov	engo			City	, State, Zip: (Carlsbad NM, 8	3220				6/4/2		1334		No.	17.0		TIG.					
Address:	3122 Natio	nal Parks	Hwy			Phon	ne: (575)689-	-7597	16						Ana	lysis	and	Met	hod				EP	A Progra	am
City, Stat	e, Zip: Carls	bad NM,	88220			Ema	il: jim.raley@	@dvn.com															SDWA	CWA	RCRA
Phone:	575-988-005	5				Misce	ellaneous: Jin	n Raley																	
Email: a	giovengo@e	nsolum.c	om									15	15									C	ompliand	e Y	or N
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				Sam	ple Info	rmation	1					RO b	RO b	y 802	826	e 300	N.	1-50	Met						
Time Sampled	Date Sampled	Matrix	No. of Containers			S	ample ID		Field	Lak Numl	ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
1212	418/2015	Sail	١			BH	04-9	1		1							+								
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						.com, a	giovengo@e	nsolum.com, ji	m.raley	y@dvn	.cor	n, ie	strel	la@e	ensol	um.c	om,	chan	nilto	n@e	nsolun	n.coi	m,		
	ns@ensolum																								
		e validity and	dauthenticit	y of this samp	ile. I am av	vare that t	ampering with or	intentionally mislabe	ling the sa	imple loc	ation,	, date	or time	e of co	llection	1 IS COI	nsidere	d frau	d and r	may be	grounds	for le	gal action.		
	_ Jenna Hinkle_ ed by: (Signatur	rol	Date		Time	T _c	Passivad by: /Sig	anatura)	Date			Time				CG-D7	Sample	es requi	ring the	ermal n	reservation	n must	be received	on ice the da	v they are
	na Hinhl		41	19/25	7:30	0 1	Vielan	Gonzale		19-2	5	D	73	D	3.4									but less than	
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	rix: S - Soil, Sd - S																					I			
								e made. Hazardous	samples	will be	retui	rned t	to clie	nt or	dispos	ed of	at the					ort fo	r the anal	ysis of the	above
samples is	applicable only	to those s	amples red	eived by the	e laborato	ry with th	nis COC. The liab	oility of the laborat	ory is lim	ited to t	the a	moun	it paid	for o	n the	repor	t.								

Released to Imaging: 8/1/2025 11:04:52 AM

envirotechia

Printed: 4/10/2025 8:49:02AM

Envirotech Analytical Laboratory

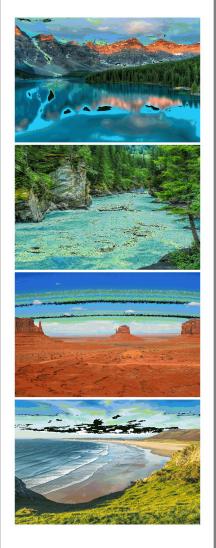
Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/25	07:00		Work Order ID:	E504068
Phone:	(505) 382-1211	Date Logged In:	04/09/25	14:10		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:		17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does th	e sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	imples dropped off by client or carrier?		Yes	Carrier: Co	<u>ourier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes				
5. Were al	l samples received within holding time? Note: Analysis, such as pH which should be conducted in		Yes			Comment	s/Resolution
Cample T	i.e, 15 minute hold time, are not included in this disucssion	on.		Г		<u>Comment</u>	5/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes				
	•		103				
Sample C	ample cooler received?		Yes				
	was cooler received in good condition?		Yes				
•	e sample(s) received intact, i.e., not broken?						
			Yes				
	custody/security seals present?		No				
•	were custody/security seals intact?		NA				
12. Was the	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling		Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C	<u>ontainer</u>						
14. Are ac	queous VOC samples present?		No				
15. Are V	OC 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 no	on-VOC samples collected in the correct containers?	•	Yes				
19. Is the a	ppropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Lab	<u>el</u>						
	field sample labels filled out with the minimum info	rmation:					
	imple ID?		Yes				
	ate/Time Collected? ollectors name?		Yes	_			
			Yes				
	reservation the COC or field labels indicate the samples were pr	eserved?	No				
	mple(s) correctly preserved?	eserveu:	NA				
	filtration required and/or requested for dissolved me	tals?	No				
	•		110				
	se Sample Matrix	9	2.7				
	the sample have more than one phase, i.e., multiphase		No				
	does the COC specify which phase(s) is to be analy	zeu?	NA				
	act Laboratory						
	mples required to get sent to a subcontract laborator	-	No				
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab:	NA		
Client In	struction						

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E504069

Job Number: 01058-0007

Received: 4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/16/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/16/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Thistle Unit #043H

Workorder: E504069

Date Received: 4/10/2025 7:00:00AM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding 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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Michelle Gonzales

Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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

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



Sample Data

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

BH04-11' E504069-01

		2501007 01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2515065
Benzene	ND	0.0250	1	04/10/25	04/10/25	
Ethylbenzene	ND	0.0250	1	04/10/25	04/10/25	
Toluene	ND	0.0250	1	04/10/25	04/10/25	
o-Xylene	ND	0.0250	1	04/10/25	04/10/25	
p,m-Xylene	ND	0.0500	1	04/10/25	04/10/25	
Total Xylenes	ND	0.0250	1	04/10/25	04/10/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	04/10/25	04/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2515065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/25	04/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.9 %	70-130	04/10/25	04/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2515090
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/11/25	
Surrogate: n-Nonane		103 %	61-141	04/10/25	04/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2515073
Chloride	494	20.0	1	04/10/25	04/10/25	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

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

Artesia NM, 88210		Project Number: Project Manager:		.058-000/ shley Gioveng	o			4/	16/2025 9:22:23AM
		Volatile O			Analyst: SL				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515065-BLK1)						I	Prepared: 0	4/10/25 Ana	alyzed: 04/10/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			
LCS (2515065-BS1)						I	Prepared: 0	4/10/25 Ana	alyzed: 04/10/25
Benzene	4.87	0.0250	5.00		97.4	70-130			
Ethylbenzene	4.79	0.0250	5.00		95.9	70-130			
Toluene	4.84	0.0250	5.00		96.8	70-130			
o-Xylene	4.78	0.0250	5.00		95.6	70-130			
p,m-Xylene	9.54	0.0500	10.0		95.4	70-130			
Total Xylenes	14.3	0.0250	15.0		95.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.00		8.00		100	70-130			
LCS Dup (2515065-BSD1)						I	Prepared: 0	4/10/25 Ana	alyzed: 04/10/25
Benzene	4.17	0.0250	5.00		83.4	70-130	15.5	20	
Ethylbenzene	4.12	0.0250	5.00		82.4	70-130	15.1	20	
Toluene	4.16	0.0250	5.00		83.2	70-130	15.1	20	
o-Xylene	4.14	0.0250	5.00		82.8	70-130	14.4	20	
p,m-Xylene	8.23	0.0500	10.0		82.3	70-130	14.8	20	
Total Xylenes	12.4	0.0250	15.0		82.5	70-130	14.6	20	



LCS Dup (2515065-BSD2)

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

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

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go			4/	16/2025 9:22:23AM
	by EPA 80	15D - G	RO	Analyst: SL					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2515065-BLK1)							Prepared: 0	4/10/25 Ana	alyzed: 04/10/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			
LCS (2515065-BS2)							Prepared: 0	4/10/25 Ana	alyzed: 04/10/25
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.19		8.00		102	70-130			

8.00

102

70-130

70-130

2.43

20.0

7.96

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

20

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

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			4/	16/2025 9:22:23AI
	Nonha		Analyst: KH						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515090-BLK1)							Prepared: 0	4/10/25 Ana	llyzed: 04/11/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	60.0		50.0		120	61-141			
LCS (2515090-BS1)							Prepared: 0	4/10/25 Ana	lyzed: 04/11/25
Diesel Range Organics (C10-C28)	245	25.0	250		98.2	66-144			
urrogate: n-Nonane	48.6		50.0		97.2	61-141			
Matrix Spike (2515090-MS1)				Source:	E504069-	01	Prepared: 0	4/10/25 Ana	alyzed: 04/11/25
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	56-156			
urrogate: n-Nonane	51.6		50.0		103	61-141			
Matrix Spike Dup (2515090-MSD1)				Source:	E504069-	01	Prepared: 0	4/10/25 Ana	alyzed: 04/11/25
Diesel Range Organics (C10-C28)	250	25.0	250	ND	99.9	56-156	5.54	20	
Gurrogate: n-Nonane	51.0		50.0		102	61-141			

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:		histle Unit #04 1058-0007	13H				Reported:					
Artesia NM, 88210		3	Project Manager: Ashley Giovengo						4/16/2025 9:22:23AM				
		Anions	by EPA	300.0/9056 <i>A</i>	\				Analyst: DT				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit					
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes				
Blank (2515073-BLK1)							Prepared: 0	4/10/25 A	analyzed: 04/10/25				
Chloride	ND	20.0											
LCS (2515073-BS1)							Prepared: 0	4/10/25 A	analyzed: 04/10/25				
Chloride	253	20.0	250		101	90-110							
Matrix Spike (2515073-MS1)				Source:	E504067-	04	Prepared: 0	4/10/25 A	analyzed: 04/10/25				
Chloride	281	20.0	250	28.9	101	80-120							
Matrix Spike Dup (2515073-MSD1)				Source:	E504067-	04	Prepared: 0	4/10/25 A	analyzed: 04/10/25				
Chloride	285	20.0	250	28.9	102	80-120	1.46	20					

QC Summary Report Comment:

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



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Custody W0#2152263	Custody	WO	#	21	5	2263
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	Clie	nt Inform	nation			Invoice Information	1		9,15		La	ab Us	se Or	nly	L'AN			T	AT			State	P	
Client: 1						Company: Devon Energy			Lab	WO#	‡		Job	Num	ber		1D 2D 3D Std				NM CO UT TX			
Project:	Thistle U	nit #	043H			Address: 5315 Buena Vista Dr					06	9		59		207			_	х	x			
Project I	Manager: As	hley Giov	engo			City, State, Zip: Carlsbad NM, 8	38220			100									Sala.	W. F				
Address	: 3122 Natio	nal Parks	Hwy			Phone: (575)689-7597							Ana	lysis	and	Met	hod				EPA Program			
City, Sta	te, Zip: Carls	bad NM,	88220			Email: jim.raley@dvn.com															SDWA	CWA	RCRA	
Phone:	575-988-005	5			62	Miscellaneous: Jim Raley																		
Email: a	giovengo@e	nsolum.c	com							15	13							1			Compliance	Y	or N	
- ALLEY					HZN.		The same			/80	/ 80	н		0.0	-	×	sle				PWSID#		7.	
				San	nple Inform	ation	18/1			RO by	RO by	y 802	8260	e 300	N N	T - 50	Met							
Time Sampled	Date Sampled	Matrix	No. of Container			Sample ID	Field Num		ıb ıber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Re	emarks		
1339	4/8/2025	Sil	1			BH04-11'									4									
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Addition	nal Instructio	ns. Ple	ase CC.	churton@	ensolum co	m, agiovengo@ensolum.com,	iim rales	v@dvr	2 (0)	m ie	strol	la@a	enso	lum i	com	char	milto	n@e	nsoli	ım c	om			
127 200	ns@ensolum					, sporenge ensolutineoni,	uic	, e uvi		, 10	36161		.1130		,	Cital					,			
						that tampering with or intentionally mislab	eling the sa	ample lo	cation	, date	or tim	e of co	llectio	n is co	nsider	ed frau	d and	may b	e groun	ds for	legal action.			
Sampled by	:_Jenna Hinkle_																							
Relinquish	ned by: (Signatu	re)	Da		Time	Received by: (Signature)	Date			Time	R		Sire.		2/						ust be received on i			
Janne	Hinnle		19	19/25	7:30	Received by: (Signature)	es 4	9-25	2	0	730)				ed or re		packed	in ice at	an avg	g temp above 0 but	less than 6	5°C on	
Repletish	ed by (Signer)	onzal	es Da	1-9.25	Time 1530	Received by: (Signature)	leg Date	9-2-	ó	Time	530				Rec	eived	d on i	ice:	arrest .	b Us	se Only			
Pelinquist Lich	ned by: Signatu	e) majes	Da		Time 7/20	Received by: (Signature)	Date	10-2	5	Time 0700					T1									
-	ned by: (Signatu		Da		Time	Received by: (Signature)	Date			Time					AVG Temp °C T3									
Sample Ma-	trix: S - Soil, Sd - S	olid Sa cl	dae A A	HADIE O CH	l .		Cor	ntainer	Type	6. a -	place	n - r	2014/	nlasti	C ag	- am	np (ass	/ - V/O	Δ		MARKET STATE	STANIAL S	
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						with this COC. The liability of the labora										- ciici	.r cap	-1136.	c re	Port	. c. the dilaryst.	, or the c		



envirotech

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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/25	07:00		Work Order ID:	E504069
Phone:	(505) 382-1211	Date Logged In:	04/09/25	14:13		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:		17:00 (4 day TAT)		88	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	e number of samples per sampling site location mat	ch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	ourier_		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes				
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		Yes			Comments	s/Resolution
Sample T	urn Around Time (TAT)			Γ			
	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	Cooler						
	sample cooler received?		Yes				
	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	were custody/security seals intact?						
•	• •	: a 60±20C	NA				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling	e received w/i 15	Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C							
	queous VOC samples present?		No				
	OC 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 no	on-VOC samples collected in the correct containers?	•	Yes				
19. Is the a	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Lab	<u>pel</u>						
	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	ate/Time Collected? ollectors name?		Yes				
	reservation		Yes				
	the COC or field labels indicate the samples were pr	eserved?	No				
	imple(s) correctly preserved?		NA				
	filtration required and/or requested for dissolved me	tals?	No				
	se Sample Matrix		1.0				
	the sample have more than one phase, i.e., multiphas	:e?	No				
	does the COC specify which phase(s) is to be analy		NA				
		zcu.	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborator	-	No				
29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: NA		
Client In	<u>istruction</u>						

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E504070

Job Number: 01058-0007

Received: 4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/16/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/16/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Thistle Unit #043H

Workorder: E504070

Date Received: 4/10/2025 7:00:00AM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding 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

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Sample Summary

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

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



Sample Data

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

BH04-12' E504070-01

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

		QC S	umma	пу рас	a					
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	histle Unit #0- 1058-0007 shley Gioven					Reported: 4/16/2025 9:25:20AM	
		Volatile Organics by EPA 8021B						Analyst: SL		
Analyte	D 1	Reporting Limit	Spike Level	Source Result		Rec Limits	RPD	RPD Limit	·	
	Result mg/kg	mg/kg	mg/kg	mg/kg	Rec %	%	%	%	Notes	
Blank (2515068-BLK1)							Prepared: 0	4/10/25 A	analyzed: 04/11/25	
Benzene	ND	0.0250					-			
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.6	70-130				
LCS (2515068-BS1)							Prepared: 0	4/10/25 A	analyzed: 04/11/25	
Benzene	5.16	0.0250	5.00		103	70-130				
Ethylbenzene	5.11	0.0250	5.00		102	70-130				
Foluene	5.14	0.0250	5.00		103	70-130				
o-Xylene	5.04	0.0250	5.00		101	70-130				
o,m-Xylene	10.3	0.0500	10.0		103	70-130				
Total Xylenes	15.3	0.0250	15.0		102	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.4	70-130				
Matrix Spike (2515068-MS1)				Source:	E504072-	-03	Prepared: 0	4/10/25 A	analyzed: 04/10/25	
Benzene	5.19	0.0250	5.00	ND	104	70-130				
Ethylbenzene	5.11	0.0250	5.00	ND	102	70-130				
Toluene	5.16	0.0250	5.00	ND	103	70-130				
p-Xylene	5.06	0.0250	5.00	ND	101	70-130				
o,m-Xylene	10.3	0.0500	10.0	ND	103	70-130				
Total Xylenes	15.4	0.0250	15.0	ND	102	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130				
Matrix Spike Dup (2515068-MSD1)				Source:	E504072-	-03	Prepared: 0	4/10/25 A	analyzed: 04/10/25	
Benzene	4.51	0.0250	5.00	ND	90.1	70-130	14.1	27		
Ethylbenzene	4.43	0.0250	5.00	ND	88.6	70-130	14.2	26		
Toluene	4.47	0.0250	5.00	ND	89.4	70-130	14.3	20		
37. 1	4 27	0.0250	5.00	ND	975	70 120	14.5	25		



25

23

26

14.5

14.0

14.1

4.37

8.97

13.3

7.02

0.0250

0.0500

0.0250

5.00

10.0

15.0

8.00

ND

ND

ND

87.5

89.7

89.0

87.8

70-130

70-130

70-130

70-130

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			4/16	/2025 9:25:20AM
	Non	halogenated		Analyst: SL					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2515068-BLK1)							Prepared: 0	4/10/25 Analy	zed: 04/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130			
LCS (2515068-BS2)							Prepared: 0	4/10/25 Analy	zed: 04/11/25
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	70-130			
Matrix Spike (2515068-MS2)				Source:	E504072-	03	Prepared: 0	4/10/25 Analy	zed: 04/10/25
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0	ND	82.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			
Matrix Spike Dup (2515068-MSD2)				Source:	E504072-	03	Prepared: 0	4/10/25 Analy	zed: 04/10/25
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.3	70-130	4.12	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.7	70-130			

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

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go				4/16/2025 9:25:20AN
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515072-BLK1)							Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Diesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	51.1		50.0		102	61-141			
LCS (2515072-BS1)							Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	66-144			
urrogate: n-Nonane	48.2		50.0		96.4	61-141			
Matrix Spike (2515072-MS1)				Source:	E504072-	05	Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.8	56-156			
urrogate: n-Nonane	49.3		50.0		98.6	61-141			
Matrix Spike Dup (2515072-MSD1)				Source:	E504072-0	05	Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.3	56-156	5.60	20	
urrogate: n-Nonane	48.2		50.0		96.4	61-141			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		histle Unit #04 1058-0007	43H				Reported:
Artesia NM, 88210		Project Manager:		Ashley Giovengo					4/16/2025 9:25:20AM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515073-BLK1)							Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Chloride	ND	20.0							
LCS (2515073-BS1)							Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2515073-MS1)				Source:	E504067-	04	Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Chloride	281	20.0	250	28.9	101	80-120			
Matrix Spike Dup (2515073-MSD1)				Source:	E504067-	04	Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Chloride	285	20.0	250	28.9	102	80-120	1.46	20	

QC Summary Report Comment:

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



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

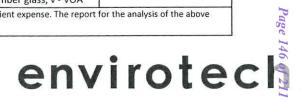
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



	Clie	ent Inforn	nation			Invoice Information	1				Lal	Us	e Or	ıly		TAT				State													
Client:					C	ompany: Devon Energy			Lab W	VO#			Job	Num	ber	-	1D	2D	3D Std	I	NM CC	UT	TX										
Project:	Thistle 1	Jni+ #	043H		_	ddress: 5315 Buena Vista Dr			E50	740	OFC		P000-85010		F			х	[Κ.													
Project	Manager: As	shley Giov	vengo		<u>c</u>	ity, State, Zip: Carlsbad NM,	38220																										
	: 3122 Natio				Pt Pt	one: (575)689-7597							Ana	lysis	s and Method					EPA F		7											
	te, Zip: Carl		88220		E	mail: jim.raley@dvn.com														SDV	IA C	CWA	RCRA										
	575-988-005				Mi	scellaneous: Jim Raley			No.												\bot	_											
Email: a	agiovengo@e	ensolum.c	com							115	115				111						liance	Y	or N										
-	to verify				and the latest of the					by 8015	3y 8C	21	00	0.0	Σ	×	tals			PWSI	D#												
				Sam	ple Informat	ion				RO	RO	y 80	/ 826	le 30	Z -	905 -	Me			ĺ													
Time Sampled	Date Sampled	Matrix	No. of Container	s		Sample ID			per 0/080	ber 0/080	DRO/O	DRO/O	DRO/O	DRO/O	per 0/0	per 0/080	er DRO/Of	er DRO/OF	DRO/OF	er DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Re	marks	i
1356	41817025	Sail	\		Bt	104-12'		1							+																		
		1																															
		-	-	-			-						_																				
												_										-											
								100																									
	nal Instructions@ensolur					n, agiovengo@ensolum.com,	jim.rale	ey@dvr	n.com	n, ie	strell	a@e	enso	lum.	om,	cha	milto	n@e	ensolum.o	om,													
						at tampering with or intentionally misla	peling the	sample lo	cation,	date	or time	of co	llectio	n is co	nsidere	ed frau	ıd and	may b	e grounds fo	legal a	ction.												
	v: _ Jenna Hinkle_																																
Denny	ned by: (Signatu A Hinhl		Da 4	te /9/25	7:30	Received by: (Signature)	egn L	19-2	5	Time	730)			sample	ed or re	eceived		reservation m in ice at an av														
Ref Muish	red by (Signary	ongal	Da		1530	Releived by Isternative John	/ Dat	te 1-9-7		Time /	531				Lab Use Only Received on ice: (Y) / N																		
Retinquist	led by: (Signati	jonafe	Da	te -14-25	Time 2120	ne Received by: (Signature) Date				Time	2006				T1				T2		<u>T3</u>												
Relinquish	ned by: (Signatu	ure)	Da		Time	Received by: (Signature)	Dat	te	T	Time					AVG	i Ter	o° an	THE S	1 7 - VOA														
Sample Ma	trix: S - Soil, Sd -	Solid, Sg - Slu	idge, A - Ad	ueous, O - Oth	er		Co	ntainer	Type:	: g -	glass,	p - p	ooly/	plasti	c, ag	- am	ber g	lass, 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 Inc.

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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/25	07:00		Work Order ID:	E504070
Phone:	(505) 382-1211	Date Logged In:	04/09/25	14:15		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/16/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	<u>Courier</u>		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
Sample T	urn Around Time (TAT)						
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e 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				
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C				
Sample C		temperature. <u>1</u>	<u> </u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers'	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lat	· · ·	ners concercu:	103				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?	ornation.	Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
Sample P	reservation_						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filtration required and/or requested for dissolved me	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes,	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborato	rv?	No				
	subcontract laboratory specified by the client and i	*	NA	Subcontract Lab	· NA		
				Succentract Eac	,, 1411		
Chent II	<u>istruction</u>						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E504071

Job Number: 01058-0007

Received: 4/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/16/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 4/16/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Thistle Unit #043H

Workorder: E504071

Date Received: 4/10/2025 7:00:00AM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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

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



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

BH04-13' E504071-01

		E304071-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2515068
Benzene	ND	0.0250	1	04/10/25	04/10/25	
Ethylbenzene	ND	0.0250	1	04/10/25	04/10/25	
Toluene	ND	0.0250	1	04/10/25	04/10/25	
o-Xylene	ND	0.0250	1	04/10/25	04/10/25	
p,m-Xylene	ND	0.0500	1	04/10/25	04/10/25	
Total Xylenes	ND	0.0250	1	04/10/25	04/10/25	
Surrogate: 4-Bromochlorobenzene-PID		86.3 %	70-130	04/10/25	04/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2515068
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/10/25	04/10/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	04/10/25	04/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2515072
Diesel Range Organics (C10-C28)	ND	25.0	1	04/10/25	04/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/10/25	04/10/25	
Surrogate: n-Nonane		104 %	61-141	04/10/25	04/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2515076
Chloride	497	20.0	1	04/10/25	04/10/25	



		QC Si	umm	пу рас	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	01	histle Unit #04					Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				4/16/2025 9:27:02AM
		Volatile O	rganics l	by EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515068-BLK1)							Prepared: 0	4/10/25 A	nalyzed: 04/11/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.25		8.00		90.6	70-130			
LCS (2515068-BS1)							Prepared: 0	4/10/25 A	nalyzed: 04/11/25
Benzene	5.16	0.0250	5.00		103	70-130			
Ethylbenzene	5.11	0.0250	5.00		102	70-130			
Toluene	5.14	0.0250	5.00		103	70-130			
o-Xylene	5.04	0.0250	5.00		101	70-130			
o,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.4	70-130			
Matrix Spike (2515068-MS1)				Source:	E504072-	03	Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Benzene	5.19	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.11	0.0250	5.00	ND	102	70-130			
Coluene	5.16	0.0250	5.00	ND	103	70-130			
-Xylene	5.06	0.0250	5.00	ND	101	70-130			
o,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130			
Matrix Spike Dup (2515068-MSD1)				Source:	E504072-	03	Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Benzene	4.51	0.0250	5.00	ND	90.1	70-130	14.1	27	
Ethylbenzene	4.43	0.0250	5.00	ND	88.6	70-130	14.2	26	
Toluene	4.47	0.0250	5.00	ND	89.4	70-130	14.3	20	
o-Xylene	4.37	0.0250	5.00	ND	87.5	70-130	14.5	25	
p,m-Xylene	8.97	0.0500	10.0	ND	89.7	70-130	14.0	23	
Total Vilance	122	0.0250	15.0	ND	80.0	70 120	1.4.1	26	



13.3

7.02

0.0250

15.0

8.00

ND

89.0

87.8

70-130

70-130

14.1

26

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

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

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			4/	16/2025 9:27:02AM
	Nor	halogenated		Analyst: SL					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2515068-BLK1)							Prepared: 0	4/10/25 Ana	lyzed: 04/11/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130			
LCS (2515068-BS2)							Prepared: 0	4/10/25 Ana	lyzed: 04/11/25
Gasoline Range Organics (C6-C10)	41.1	20.0	50.0		82.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	70-130			
Matrix Spike (2515068-MS2)				Source:	E504072-	03	Prepared: 0	4/10/25 Ana	lyzed: 04/10/25
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0	ND	82.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			
Matrix Spike Dup (2515068-MSD2)				Source:	E504072-	03	Prepared: 0	4/10/25 Ana	lyzed: 04/10/25
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	ND	86.3	70-130	4.12	20	

8.00

7.58

94.7

70-130



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

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				4/16/2025 9:27:02A
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2515072-BLK1)							Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	51.1		50.0		102	61-141			
LCS (2515072-BS1)							Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	66-144			
urrogate: n-Nonane	48.2		50.0		96.4	61-141			
Matrix Spike (2515072-MS1)				Source:	E504072-	05	Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.8	56-156			
urrogate: n-Nonane	49.3		50.0		98.6	61-141			
Matrix Spike Dup (2515072-MSD1)				Source:	E504072-0	05	Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Diesel Range Organics (C10-C28)	236	25.0	250	ND	94.3	56-156	5.60	20	
urrogate: n-Nonane	48.2		50.0		96.4	61-141			



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	nistle Unit #04 .058-0007 shley Giovens					Reported: 4/16/2025 9:27:02AM
7110514 7.171, 00210				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
Blank (2515076-BLK1)							Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Chloride	ND	20.0							
LCS (2515076-BS1)							Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2515076-MS1)				Source:	E504072-	02	Prepared: 0	4/10/25 A	nalyzed: 04/10/25
Chloride	378	100	250	ND	151	80-120			M6
Matrix Spike Dup (2515076-MSD1)				Source:	E504072-	02	Prepared: 0	4/10/25 A	nalvzed: 04/10/25

250

100

80-120

QC Summary Report Comment:

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



Definitions and Notes

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

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

recoveries

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

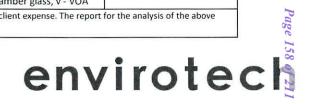
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



	Page	<u> </u>	of	Rec
tate	:			Received by OCD: 6/23/2025 10:09:34 AM
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_	Clie	nt Inform	nation			Invoice Information	1				La	b Us	e On	nly TAT State									
Client: [Co	ompany: Devon Energy		[Lab \	WO#			Job	Num	ber		1D	2D	3D S	td	NM	CO UT	TX
Project:	Thistle (Init #	F043	H	A	ddress: 5315 Buena Vista Dr			E5	042	771		010	58	- 200	17			х		x		
Project N	Manager: As	hley Giov	engo		Ci	ty, State, Zip: Carlsbad NM, 8	38220		100	1 71	1		Je Ve	11183			Marie I	SRIT					
Address	3122 Natio	nal Parks	Hwy		Ph	one: (575)689-7597							Ana	lysis	and	Met	hod				EP/	A Progra	ım
City, Sta	te, Zip: Carls	bad NM,	88220		En	nail: jim.raley@dvn.com															SDWA	CWA	RCRA
Phone:	575-988-005	5			Mis	Miscellaneous: Jim Raley																	
Email: a	giovengo@e	nsolum.c	om							15	2										Complianc	e Y	or N
							The same	Marie.		, 8015	, 8015	-	_	0.0	_	×	-S	PWSID#					
				Sam	ple Informati	on	116			30 b	30 b	, 802	826(e 300	N.	05 - T	Met						
Time Sampled	Date Sampled	Matrix	No. of Containe			Sample ID	Field	Lab Numl	b ber	DRO/ORO by	DRO/ORO by GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
1425	4/8/2025	Soil	/		BH04	- 131		1							+								
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Additio	nal Instructio	ns: Plea	ase CC:	cburton@e	ensolum.com	, agiovengo@ensolum.com, j	jim.raley	/@dvn	ı.cor	m, ie	strell	la@e	ensol	um.	om,	char	nilto	n@e	nsolur	n.c	om,		
	ns@ensolum																						
	pler), attest to the : _ Jenna Hinkle_	e validity and	dauthenti	city of this samp	ole. I am aware tha	at tampering with or intentionally mislab	eling the sa	imple loc	ation	, date	or time	e of co	llectio	n is coi	nsidere	ed frau	id and	may be	ground:	s tor	legal action.		
	ned by: (Signatu	rol	In:	ate	Time	Received by: (Signature)	Date			Time					Sample	es requ	iring the	ermal p	reservatio	n mu	st be received o	n ice the da	y they are
Jenni	Hinble		(1/9/25	7:30	Received by: (Signature)	ec 4	-9-25	5_	5)30)			Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.								
Reflective	Rd boll (Signatu	re)		4-9.25	1530	Coteled by: (Signature)		4-25	Ś		530	>			Rec	eived	d on i	ce:	Lab Y)		e Only		
Lich	ned by: (Signatu	onafes		15-25	7/30°	Received by: (Signature)	Date	20.20	5	Time	-00				<u>T1</u>				<u>T2</u>			T3	
Relinquish	ned by: (Signatu	re)		ate	Time	Received by: (Signature)	Date			Time					AVG	Ten	np °C	4					
Sample Ma	trix: S - Soil, Sd - S	iolid, Sg - Slu	dge, A - A	queous, 0 - Oth	er		Con	tainer	Туре	e: g -	glass,	, p - p	oly/	olasti									
						r arrangements are made. Hazardou										e clier	nt exp	ense.	The rep	ort f	or the analy	sis of the	above
samples is	applicable only	to those s	amples r	eceived by the	laboratory with	this COC. The liability of the labora	tory is lim	ited to t	the a	moun	t paid	for c	n the	repor	t.								





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

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/10/25	07:00	Work Order ID:	E504071
Phone:	(505) 382-1211	Date Logged In:	04/09/25	14:16	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	04/16/25	17:00 (4 day TAT)		
Chain at	f Custody (COC)					
			37			
	the sample ID match the COC? The number of samples per sampling site location mater	ch the COC	Yes			
	samples dropped off by client or carrier?	on the coc	Yes Yes	Ci Ci		
	ne COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	Carrier: <u>Courier</u>		
	all samples received within holding time?	ied anaryses:	Yes			
3. Wele t	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		103		Comment	ts/Resolution
	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes <u>C</u>			
Sample	Container_					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers?		Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	bel					
•	field sample labels filled out with the minimum info	rmation:				
S	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	Preservation	10				
	the COC or field labels indicate the samples were pro-	eserved?	No			
	sample(s) correctly preserved?	4-1-0	NA			
	o filtration required and/or requested for dissolved me	tais?	No			
	ase Sample Matrix	_				
	the sample have more than one phase, i.e., multiphas		No			
27. If yes	s, does the COC specify which phase(s) is to be analy	zed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborator a subcontract laboratory specified by the client and if	-	No NA	Subcontract Lab: NA		
Client I	nstruction					

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E505315

Job Number: 01058-0007

Received: 5/31/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/5/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/5/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Thistle Unit #043H

Workorder: E505315

Date Received: 5/31/2025 6:15:09AM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding 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

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Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

-				
ſ	Devon Energy - Carlsbad	Project Name:	Thistle Unit #043H	Reported:
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/05/25 14:46

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



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

FS08-7' E505315-01

	E303313-01				
Decult			Pranarad	Analyzad	Notes
Resuit	Lillit	Dilution	Frepareu	Allalyzeu	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2522092
ND	0.0250	1	05/31/25	05/31/25	
ND	0.0250	1	05/31/25	05/31/25	
ND	0.0250	1	05/31/25	05/31/25	
ND	0.0250	1	05/31/25	05/31/25	
ND	0.0500	1	05/31/25	05/31/25	
ND	0.0250	1	05/31/25	05/31/25	
	103 %	70-130	05/31/25	05/31/25	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2522092
ND	20.0	1	05/31/25	05/31/25	
	110 %	70-130	05/31/25	05/31/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2523018
121	25.0	1	06/02/25	06/03/25	
107	50.0	1	06/02/25	06/03/25	
	103 %	61-141	06/02/25	06/03/25	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2523028
1030	20.0	1	06/02/25	06/02/25	
	ND ND ND ND ND ND ND To ND ND To ND To ND To ND To ND To ND To To To To To To To To To To To To To	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 IO3 % mg/kg mg/kg mg/kg ND 20.0 110 % mg/kg mg/kg mg/kg 121 25.0 103 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 110 % 70-130 mg/kg mg/kg Anal 121 25.0 1 107 50.0 1 103 % 61-141 61-141 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 05/31/25 mg/kg mg/kg Analyst: IY ND 20.0 1 05/31/25 mg/kg mg/kg Analyst: KH 121 25.0 1 06/02/25 107 50.0 1 06/02/25 103% 61-141 06/02/25 mg/kg Mg/kg Analyst: IY	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 05/31/25 05/31/25 ND 0.0250 1 05/31/25 05/31/25 ND 0.0250 1 05/31/25 05/31/25 ND 0.0500 1 05/31/25 05/31/25 ND 0.0500 1 05/31/25 05/31/25 ND 0.0250 1 05/31/25 05/31/25 ND 0.0250 1 05/31/25 05/31/25 mg/kg mg/kg Analyst: IY ND 20.0 1 05/31/25 05/31/25 mg/kg mg/kg Analyst: KH ND 20.0 1 05/31/25 05/31/25 mg/kg mg/kg Analyst: KH 06/02/25 06/03/25 06/03/25 107 50.0 1 06/02/25 06/03/25 mg/kg mg/kg Analyst: IY

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

FS09-1'

E505315-02

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



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

FS10-1'

E505315-03

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



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

SW02-0'-7'

		E505315-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		102 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2523028
Chloride	976	20.0	1	06/02/25	06/02/25	



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

SW04-0'-7'

		E505315-05				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	mg/kg Analyst: IY			Batch: 2522092
Benzene	ND	0.0250	1	05/31/25	05/31/25	
Ethylbenzene	ND	0.0250	1	05/31/25	05/31/25	
Toluene	ND	0.0250	1	05/31/25	05/31/25	
o-Xylene	ND	0.0250	1	05/31/25	05/31/25	
p,m-Xylene	ND	0.0500	1	05/31/25	05/31/25	
Total Xylenes	ND	0.0250	1	05/31/25	05/31/25	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2522092
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/25	05/31/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	05/31/25	05/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2523018
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		104 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2523028
Chloride	90.1	20.0	1	06/02/25	06/02/25	



Thistle Unit #043H Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 6/5/2025 2:46:31PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2522092-BLK1) Prepared: 05/31/25 Analyzed: 05/31/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.48 8.00 93.5 70-130 LCS (2522092-BS1) Prepared: 05/31/25 Analyzed: 05/31/25 5.49 5.00 110 70-130 Benzene 0.0250 Ethylbenzene 5.42 0.0250 5.00 108 70-130 5.45 0.0250 5.00 109 70-130 Toluene 107 o-Xylene 5.37 0.0250 5.00 70-130 11.0 10.0 110 70-130 0.0500 p.m-Xvlene 109 70-130 15.0 Total Xylenes 16.4 0.0250 8.00 98.9 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.91 Matrix Spike (2522092-MS1) Source: E505315-05 Prepared: 05/31/25 Analyzed: 05/31/25 5.02 0.0250 5.00 ND 70-130 Benzene ND 99.2 70-130 Ethylbenzene 4.96 0.0250 5.00 Toluene 4.99 0.0250 5.00 ND 99.7 70-130 4.92 ND 98.4 70-130 5.00 0.0250 o-Xylene p,m-Xylene 10.0 0.0500 10.0 ND 100 70-130 15.0 0.0250 15.0 ND 70-130 Total Xylenes 7.77 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.00 Matrix Spike Dup (2522092-MSD1) Source: E505315-05 Prepared: 05/31/25 Analyzed: 05/31/25 4.96 0.0250 5.00 ND 99.2 70-130 1.19 27 70-130 0.545 4.93 0.0250 5.00 ND 98.6 26 Ethylbenzene Toluene 4 94 0.0250 5.00 ND 98.7 70-130 1.01 20 4.88 5.00 ND 97.6 70-130 0.854 25 o-Xylene 0.0250 0.391 23

10.0

15.0

8.00

0.0500

0.0250

ND

ND

100

99.3

99.3

70-130

70-130

70-130

0.543

26



p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

10.0

14.9

7.95

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

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go			(5/5/2025 2:46:31PM	
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: IY	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2522092-BLK1)							Prepared: 0	5/31/25 Ana	alyzed: 05/31/25	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.86		8.00		111	70-130				
LCS (2522092-BS2)							Prepared: 0	5/31/25 Ana	alyzed: 05/31/25	
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.76		8.00		109	70-130				
Matrix Spike (2522092-MS2)				Source:	E505315-0	05	Prepared: 0	5/31/25 Ana	alyzed: 05/31/25	
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.98		8.00		112	70-130				
Matrix Spike Dup (2522092-MSD2)				Source:	E505315-0	05	Prepared: 0	5/31/25 Ana	alyzed: 05/31/25	
Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130	10.7	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.56		8.00		107	70-130				



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

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				6/5/2025 2:46:31PM
	Nonhal	logenated Or		Analyst: KH					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523018-BLK1)							Prepared: 0	6/02/25 A	nalyzed: 06/03/25
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	52.1		50.0		104	61-141			
LCS (2523018-BS1)							Prepared: 0	6/02/25 A	nalyzed: 06/03/25
Diesel Range Organics (C10-C28)	262	25.0	250		105	66-144			
urrogate: n-Nonane	51.3		50.0		103	61-141			
Matrix Spike (2523018-MS1)				Source:	E505315-0	02	Prepared: 0	6/02/25 A	nalyzed: 06/03/25
Diesel Range Organics (C10-C28)	282	25.0	250	ND	113	56-156			
urrogate: n-Nonane	51.6		50.0		103	61-141			
Matrix Spike Dup (2523018-MSD1)				Source:	E505315-0	02	Prepared: 0	6/02/25 A	nalyzed: 06/03/25
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	56-156	1.62	20	
'urrogate: n-Nonane	52.5		50.0		105	61-141			



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		histle Unit #04 1058-0007	43H				Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				6/5/2025 2:46:31PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523028-BLK1)							Prepared: 0	6/02/25	Analyzed: 06/02/25
Chloride	ND	20.0							
LCS (2523028-BS1)							Prepared: 0	6/02/25	Analyzed: 06/02/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2523028-MS1)				Source:	E505315-0)1	Prepared: 0	6/02/25	Analyzed: 06/02/25
Chloride	1330	20.0	250	1030	119	80-120			
Matrix Spike Dup (2523028-MSD1)				Source:	E505315-0)1	Prepared: 0	6/02/25	Analyzed: 06/02/25
Chloride	1280	20.0	250	1030	99.1	80-120	3.74	20	

QC Summary Report Comment:

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



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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	Thistle Un	1+ #0	43H		Address: 5315			_ Lo	Ens	-2	15			000	7	-	20	X	4	X	0.	1.0
	Manager: As					Carlsbad NM, 882	20	_ -		<u> </u>	310	Dio	30	un	211	HEET.	No.		1000			
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	e, Zip: Carls				Email: jim.ralev			-		\top	$\overline{}$	T	11,7515		1	1			ST	OWA	CWA	RCRA
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Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID		Field Filter	Numbe	er 080/080) Out	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	Sar	Tel	ine	III KS
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1234	J	V	7		SW04-	0'-7'		5									+		6	8.0		
								Salvis Market														
Addition	nal Instruction	ns: Ple	ease CC: c	burton@ensolum	.com, agiovengo@	ensolum.com, jin	n.raley	@dvn	.com	, ies	trella(@ens	olum	.com	, cha	milt	on@	ensolu	m.cor	n,		
					nsolum.com, jgor																	
				y of this sample. I am awa	are that tampering with o	r intentionally mislabelin	g the sam	iple locat	tion, da	ate or t	time of c	ollectio	n is co	nsidere	d fraud	d and r	may be	e grounds	for legal	action.		
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					– other arrangements ar	e made. Hazardous sa	_												for the	a analy	sis of the	above
					with this COC. The lia														110 T. T. T. T. Salar	2007/2007/2007		March 1970

Printed: 6/2/2025 9:11:51AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/31/25 0	06:15	Work Order ID:	E505315
Phone:	(505) 382-1211	Date Logged In:	05/30/25 1	3:25	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/05/25 1	17:00 (3 day TAT)		
Chain of	Custody (COC)					
1. Does th	he sample ID match the COC?		Yes			
2. Does the	he number of samples per sampling site location ma	atch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss		Yes		Commen	ts/Resolution
Sample T	Furn Around Time (TAT)				·	<u> </u>
	e 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 th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	, were custody/security seals intact?		NA NA			
· ·	the sample received on ice?		Yes			
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling					
13. See C	OC for individual sample temps. Samples outside	of 0°C-6°C will be	recorded i	n comments.		
Sample (<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	OC 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 n	on-VOC samples collected in the correct container	s?	Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal	<u>bel</u>					
	field sample labels filled out with the minimum in	formation:				
	ample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes			
_	Preservation		Yes			
_	the COC or field labels indicate the samples were	reserved?	No			
	ample(s) correctly preserved?	oreserved:	NA NA			
	filtration required and/or requested for dissolved n	netals?	No			
	-	ictais:	110			
	ase Sample Matrix	9	3.7			
	the sample have more than one phase, i.e., multiph		No			
27. If yes	, does the COC specify which phase(s) is to be ana	lyzed?	NA			
	act Laboratory					
	amples required to get sent to a subcontract laborat		No			
29. Was a	subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
				<u> </u>		

Report to:
Ashley Giovengo







5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Thistle Unit #043H

Work Order: E505320

Job Number: 01058-0007

Received: 5/31/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 6/5/25

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 6/5/25

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Thistle Unit #043H

Workorder: E505320

Date Received: 5/31/2025 6:15:09AM

Ashley Giovengo,

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

The analytical test results summarized in this report with the Project Name: Thistle Unit #043H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881 Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

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

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

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

FS01 - 1.5' E505320-01

		E303320-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2522093
Benzene	ND	0.0250	1	06/01/25	06/01/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/01/25	
Toluene	ND	0.0250	1	06/01/25	06/01/25	
o-Xylene	ND	0.0250	1	06/01/25	06/01/25	
p,m-Xylene	ND	0.0500	1	06/01/25	06/01/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/01/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2522093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.5 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KH		Batch: 2523022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		108 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: IY		Batch: 2523028
Chloride	286	20.0	1	06/02/25	06/02/25	

Sample Data

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

FS02 - 2'

		E505320-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: IY		Batch: 2522093
Benzene	ND	0.0250	1	06/01/25	06/01/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/01/25	
Toluene	ND	0.0250	1	06/01/25	06/01/25	
o-Xylene	ND	0.0250	1	06/01/25	06/01/25	
p,m-Xylene	ND	0.0500	1	06/01/25	06/01/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/01/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: IY		Batch: 2522093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.8 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KH		Batch: 2523022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		106 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2523028
Chloride	396	20.0	1	06/02/25	06/02/25	



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

FS03 - 2'

		E505320-03				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522093
Benzene	ND	0.0250	1	06/01/25	06/01/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/01/25	
Toluene	ND	0.0250	1	06/01/25	06/01/25	
o-Xylene	ND	0.0250	1	06/01/25	06/01/25	
p,m-Xylene	ND	0.0500	1	06/01/25	06/01/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/01/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2522093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		84.0 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KH		Batch: 2523022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		111 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2523028
Chloride	206	20.0	1	06/02/25	06/02/25	



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

FS04 - 2' E505320-04

		E303320-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2522093
Benzene	ND	0.0250	1	06/01/25	06/01/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/01/25	
Toluene	ND	0.0250	1	06/01/25	06/01/25	
p-Xylene	ND	0.0250	1	06/01/25	06/01/25	
o,m-Xylene	ND	0.0500	1	06/01/25	06/01/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/01/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2522093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.2 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2523022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		107 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2523028
Chloride	506	20.0	1	06/02/25	06/02/25	



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

FS05 - 2' E505320-05

		E303320-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2522093
Benzene	ND	0.0250	1	06/01/25	06/01/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/01/25	
Toluene	ND	0.0250	1	06/01/25	06/01/25	
p-Xylene	ND	0.0250	1	06/01/25	06/01/25	
o,m-Xylene	ND	0.0500	1	06/01/25	06/01/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/01/25	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2522093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.3 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2523022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		108 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2523028
Chloride	162	20.0	1	06/02/25	06/02/25	



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

FS06 - 2' E505320-06

		E303320-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: IY		Batch: 2522093
Benzene	ND	0.0250	1	06/01/25	06/01/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/01/25	
Toluene	ND	0.0250	1	06/01/25	06/01/25	
o-Xylene	ND	0.0250	1	06/01/25	06/01/25	
o,m-Xylene	ND	0.0500	1	06/01/25	06/01/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/01/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: IY		Batch: 2522093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		86.9 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KH		Batch: 2523022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		105 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2523028
Chloride	266	20.0	1	06/02/25	06/02/25	



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

FS07 - 2' E505320-07

	E303520 07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: IY		Batch: 2522093
ND	0.0250	1	06/01/25	06/01/25	
ND	0.0250	1	06/01/25	06/01/25	
ND	0.0250	1	06/01/25	06/01/25	
ND	0.0250	1	06/01/25	06/01/25	
ND	0.0500	1	06/01/25	06/01/25	
ND	0.0250	1	06/01/25	06/01/25	
	108 %	70-130	06/01/25	06/01/25	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2522093
ND	20.0	1	06/01/25	06/01/25	
	85.5 %	70-130	06/01/25	06/01/25	
mg/kg	mg/kg	Anal	yst: KH		Batch: 2523014
43.9	25.0	1	06/02/25	06/02/25	
ND	50.0	1	06/02/25	06/02/25	
	103 %	61-141	06/02/25	06/02/25	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2523028
204	20.0	1	06/02/25	06/03/25	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg A3.9 ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 0.0250 MD 20.0 85.5 % mg/kg mg/kg mg/kg ND 50.0 103 % mg/kg mg/kg mg/kg	mg/kg mg/kg Anal ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Anal ND 20.0 1 85.5 % 70-130 70-130 mg/kg mg/kg Anal 43.9 25.0 1 ND 50.0 1 103 % 61-141 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 06/01/25 ND 0.0250 1 06/01/25 ND 0.0250 1 06/01/25 ND 0.0500 1 06/01/25 ND 0.0250 1 06/01/25 ND 0.0250 1 06/01/25 mg/kg mg/kg Analyst: IY ND 20.0 1 06/01/25 mg/kg mg/kg Analyst: KH 43.9 25.0 1 06/02/25 ND 50.0 1 06/02/25 ND 50.0 1 06/02/25 mg/kg Mg/kg Analyst: KH 43.9 25.0 1 06/02/25 mg/kg mg/kg Analyst: IY 40/02/25 61-141 06/02/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 06/01/25 06/01/25 ND 0.0250 1 06/01/25 06/01/25 ND 0.0250 1 06/01/25 06/01/25 ND 0.0500 1 06/01/25 06/01/25 ND 0.0250 1 06/01/25 06/01/25 ND 0.0250 1 06/01/25 06/01/25 ND 0.0250 1 06/01/25 06/01/25 mg/kg mg/kg Analyst: IY ND 06/01/25 mg/kg mg/kg Analyst: KH 06/01/25 06/01/25 mg/kg mg/kg Analyst: KH 06/02/25 06/02/25 ND 50.0 1 06/02/25 06/02/25 ND 50.0 1 06/02/25 06/02/25 mg/kg mg/kg Analyst: KH 06/02/25 06/02/25



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

SW01 - 0'-2'

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



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

SW03 - 0'-1'

		E505320-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2522093
Benzene	ND	0.0250	1	06/01/25	06/01/25	
Ethylbenzene	ND	0.0250	1	06/01/25	06/01/25	
Toluene	ND	0.0250	1	06/01/25	06/01/25	
o-Xylene	ND	0.0250	1	06/01/25	06/01/25	
p,m-Xylene	ND	0.0500	1	06/01/25	06/01/25	
Total Xylenes	ND	0.0250	1	06/01/25	06/01/25	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2522093
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/01/25	06/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		85.1 %	70-130	06/01/25	06/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KH		Batch: 2523022
Diesel Range Organics (C10-C28)	ND	25.0	1	06/02/25	06/03/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/02/25	06/03/25	
Surrogate: n-Nonane		103 %	61-141	06/02/25	06/03/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2523028
Chloride	37.1	20.0	1	06/02/25	06/03/25	



Thistle Unit #043H Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 6/5/2025 2:21:05PM **Volatile Organics by EPA 8021B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2522093-BLK1) Prepared: 06/01/25 Analyzed: 06/01/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.36 8.00 104 70-130 LCS (2522093-BS1) Prepared: 06/01/25 Analyzed: 06/01/25 5.11 102 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.12 0.0250 5.00 102 70-130 5.08 0.0250 5.00 102 70-130 Toluene 5.07 101 o-Xylene 0.0250 5.00 70-130 10.0 10.0 100 70-130 0.0500 p.m-Xvlene 101 70-130 15.1 15.0 Total Xylenes 0.0250 8.00 103 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.27 Matrix Spike (2522093-MS1) Source: E505320-04 Prepared: 06/01/25 Analyzed: 06/01/25 4.81 0.0250 5.00 ND 96.2 70-130 Benzene ND 70-130 Ethylbenzene 4.83 0.0250 5.00 96.5 Toluene 4.79 0.0250 5.00 ND 95.8 70-130 4.80 ND 70-130 5.00 96.0 0.0250 o-Xylene p,m-Xylene 9.44 0.0500 10.0 ND 94.4 70-130 14.2 0.0250 15.0 ND 70-130 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.55 8.00 Matrix Spike Dup (2522093-MSD1) Source: E505320-04 Prepared: 06/01/25 Analyzed: 06/01/25 5.01 0.0250 5.00 ND 70-130 4.10 27

ND

ND

ND

ND

ND

101

100

100

98.7

99.1

106

5.00

5.00

5.00

10.0

15.0

8.00

5.05

5.01

5.00

9.87

14.9

8.51

0.0250

0.0250

0.0250

0.0500

0.0250

70-130

70-130

70-130

70-130

70-130

70-130

4.54

4 42

4.13

4.49

4.37

26

20

25

23

26



Ethylbenzene Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

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

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			6/5	5/2025 2:21:05PM
	Non	halogenated	Analyst: IY						
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2522093-BLK1)							Prepared: 0	6/01/25 Anal	yzed: 06/01/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			
LCS (2522093-BS2)							Prepared: 0	6/01/25 Anal	yzed: 06/01/25
Gasoline Range Organics (C6-C10)	45.6	20.0	50.0		91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			
Matrix Spike (2522093-MS2)				Source:	E505320-0	04	Prepared: 0	6/01/25 Anal	yzed: 06/01/25
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.2	70-130			
Matrix Spike Dup (2522093-MSD2)				Source:	E505320-0	04	Prepared: 0	6/01/25 Anal	yzed: 06/01/25
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0	ND	95.1	70-130	1.49	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.07		8.00		88.3	70-130			

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

Artesia NM, 88210		Project Manage	r: As	shley Giovens	go				6/5/2025 2:21:05PM
	Nonha	logenated Or	ganics by	EPA 80151	D - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523014-BLK1)							Prepared: 0	6/02/25 Ar	nalyzed: 06/02/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.7		50.0		107	61-141			
LCS (2523014-BS1)							Prepared: 0	6/02/25 Ar	nalyzed: 06/02/25
Diesel Range Organics (C10-C28)	264	25.0	250		106	66-144			
Surrogate: n-Nonane	51.7		50.0		103	61-141			
Matrix Spike (2523014-MS1)				Source:	E505320-	07	Prepared: 0	6/02/25 Ar	nalyzed: 06/02/25
Diesel Range Organics (C10-C28)	328	25.0	250	43.9	114	56-156			
Surrogate: n-Nonane	51.2		50.0		102	61-141			
Matrix Spike Dup (2523014-MSD1)				Source:	E505320-	07	Prepared: 0	6/02/25 Ar	nalyzed: 06/02/25
Diesel Range Organics (C10-C28)	341	25.0	250	43.9	119	56-156	3.92	20	
Surrogate: n-Nonane	50.6		50.0		101	61-141			



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

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			(6/5/2025 2:21:05PM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523022-BLK1)							Prepared: 0	6/02/25 An	alyzed: 06/03/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.6		50.0		115	61-141			
LCS (2523022-BS1)							Prepared: 0	6/02/25 An	alyzed: 06/03/25
Diesel Range Organics (C10-C28)	261	25.0	250		104	66-144			
Surrogate: n-Nonane	51.4		50.0		103	61-141			
Matrix Spike (2523022-MS1)				Source:	E505320-	09	Prepared: 0	6/02/25 An	alyzed: 06/03/25
Diesel Range Organics (C10-C28)	276	25.0	250	ND	111	56-156			
Surrogate: n-Nonane	51.1		50.0		102	61-141			
Matrix Spike Dup (2523022-MSD1)				Source:	E505320-	09	Prepared: 0	6/02/25 An	alyzed: 06/03/25
Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	56-156	0.869	20	
Surrogate: n-Nonane	51.9		50.0		104	61-141			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		histle Unit #04 1058-0007	43H				Reported:
Artesia NM, 88210		Project Manager:		shley Gioveng	go				6/5/2025 2:21:05PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2523028-BLK1)							Prepared: 0	6/02/25 A	nalyzed: 06/02/25
Chloride	ND	20.0							
LCS (2523028-BS1)							Prepared: 0	6/02/25 A	nalyzed: 06/02/25
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2523028-MS1)				Source:	E505315-	01	Prepared: 0	6/02/25 A	nalyzed: 06/02/25
Chloride	1330	20.0	250	1030	119	80-120			
Matrix Spike Dup (2523028-MSD1)				Source:	E505315-	01	Prepared: 0	6/02/25 A	nalyzed: 06/02/25
Chloride	1280	20.0	250	1030	99.1	80-120	3.74	20	

QC Summary Report Comment:

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



Definitions and Notes

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page 195 of 211

	Clie	nt Inform	nation		Invo	ice Information				La	# 7 32 b Use	Only				TA	AT .		Stat	e
Client: D					Company: Dev	on Energy		Lab	WO#	#	_ Jo		mber		1D	2D	3D Sto	NM	CO UT	TX
	Thotle				Address: 5315			_ E	205	31	5-101	028	.00	57	7		х	x		
	Manager: As 3122 Natio				City, State, Zip: Phone: (575)689	Carlsbad NM, 88	220	-		210	^	- alu	sis and	I NA a ti	h a d				A Progra	
	e, Zip: Carls				Email: jim.raley			- 188	-	П	^	lialy	SIS all	Ivieti	liou			SDWA	CWA	RCRA
	75-988-005		OULLU		Miscellaneous: Ji													30 1171	CITI	iter.
De Continue	giovengo@e		om			Tang.			15	15								Complian	ce Y	or N
									by 80	oy 80	77	2 9	2 ×	tals				PWSID#	V.	
				Sample Informa	ation		L 1	1 1-1	80	ORO I	oy 80	7 050	- S00	8 Me		NN-	¥	Samle Temp	Don	narks
Time Sampled	Date Sampled	Matrix	No. of Containers	1	Sample ID		Field	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	Chloride 200	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX	San	Ker	narks
415	Spanos	Stil	ſ		FSO1-	1,51		1								+		4.0		
1453	1				102	-2'		2								4		3.6		
1438					03	·- 2'		3								+		4.4		
1353					0	1-2'		4								1		4.6		
1351					05	- 2'		5								4		3.8		
1410					06	- 2		6								4		41		
1347		A .			107	1-7'		7								1		4.8	Rush T	PH
1515					SWO1-	0'-2'		8								1		4.7	100	
1241	5	5			SW03	1-0,-1,		9								X		4.5		
-)																	
bmoir@	ensolum.com ensolum.com pler), attest to the Enna	m, jhinkle e validity and	e@ensolu	burton@ensolum.com, akone@ens of this sample. I am aware	solum.com, igor	zales@ensolum.	com, r	rai@enso	lum.	com,	oader	into(@ensc	lum.c	om				0.	w
9	ed by: (Signatu Enna Hi	oble		5/30/202s	Time 7:00	Received by: (Signa		onzal	eç	- 100	30%	15		onc	00			Samples re eservation r	nust be re	eceived o
		5-30-25				5.30.4		Time /800			re	ice the day they are sampled or received packed on ice at a tem								
Relinquish	ed by: (Signatu	re)		5.31.25	6700	Received by: (Signa	5	0		Date	-31.	75	- Tim	9/	5			above 0 bu subse	t less thar quent day	
Relinquish	ed by: (Signatu	re)			Time	Received by: (Signa	ture)			Date			Time	•					Use Only	
Relinquish	ed by: (Signatu	re)		Date 1	Time	Received by: (Signa	ture)			Date			Tim	,					ved on ic	e:

Printed: 6/2/2025 9:59:14AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/31/25 0	5:15	Work Order ID:	E505320
Phone:	(505) 382-1211	Date Logged In:	05/30/25 1:	5:43	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/06/25 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does th	he sample ID match the COC?		Yes			
2. Does th	he number of samples per sampling site location ma	atch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	ested analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i.e, 15 minute hold time, are not included in this disucss	•	Yes		Comment	ts/Resolution
Sample T	Furn Around Time (TAT)				<u> </u>	
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	, were custody/security seals intact?		NA			
-	ne sample received on ice?					
	Note: Thermal preservation is not required, if samples a 15 minutes of sampling		Yes			
	OC for individual sample temps. Samples outside	or 0°C-6°C will be	recorded if	comments.		
	Container VOC 1 1 2					
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?	_	NA			
	on-VOC samples collected in the correct container		Yes			
19. Is the	appropriate volume/weight or number of sample conta	iners collected?	Yes			
Field Lal						
	field sample labels filled out with the minimum inf	ormation:	V			
	ample ID? Date/Time Collected?		Yes			
	follectors name?		Yes Yes			
	Preservation		103			
	the COC or field labels indicate the samples were	reserved?	No			
	ample(s) correctly preserved?		NA			
	filtration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix		1.0			
	the sample have more than one phase, i.e., multiph	9509	NI.			
	, does the COC specify which phase(s) is to be ana		No			
•		iyzeu:	NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborat	•	No			
29. Was a	subcontract laboratory specified by the client and	if so who?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					
1						
1						

Date



APPENDIX E

NMOCD Correspondence

From: <u>Velez, Nelson, EMNRD</u>

To: <u>Cole Burton</u>

Cc: Raley, Jim; Ashley Giovengo; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD

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

nAPP2505540528

Date: Wednesday, May 21, 2025 9:31:39 AM

Attachments: image001.png image002.png

image002.png image003.png Outlook-dhvzmlze.png

[**EXTERNAL EMAIL**]

Good morning Cole,

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

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

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

Have a safe and productive day!

Regards,

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



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Tuesday, May 20, 2025 2:54 PM

To: Velez, Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov>

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

From: Cole Burton <cburton@ensolum.com>

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

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

Cc: Ashley Giovengo <agiovengo@ensolum.com>

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

- nAPP2505540528

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

Hello all,

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

Thanks.



Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 466954

QUESTIONS

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

QUESTIONS

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

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

Sampling Event General Information				
Please answer all the questions in this group.				
What is the sampling surface area in square feet	2,000			
What is the estimated number of samples that will be gathered	14			
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/28/2025			
Time sampling will commence	09:00 AM			
Please provide any information necessary for observers to contact samplers	Jenna Hinkle 510-417-5262)			
Please provide any information necessary for navigation to sampling site	32.254516,-103.584152			

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 466954

CONDITIONS

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

CONDITIONS

Crea By	ated		Condition Date
jra	,	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/23/2025

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

QUESTIONS

Action 466956

QUESTIONS

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

QUESTIONS

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

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

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	2,000
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/29/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Jenna Hinkle (510-417-5262)
Please provide any information necessary for navigation to sampling site	32.254516,-103.584152

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 466956

CONDITIONS

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

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/23/2025

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

QUESTIONS

Action 477729

QUESTIONS

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

QUESTIONS

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

Location of Release Source	
Please answer all the questions in this group.	
Site Name	THISTLE UNIT #043H
Date Release Discovered	02/21/2025
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Fitting Produced Water Released: 7 BBL Recovered: 4 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Fitting on wellhead developed leak. This allowed approx. 7 bbls to be released to pad surface. Approx 4 bbls recovered.

Phone: (505) 629-6116

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

QUESTIONS, Page 2

Action 477729

QUESTI	ONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 477729 Action Type:
QUESTIONS	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
Nature and Volume of Release (continued)	
The state of the s	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releating the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 06/23/2025

Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 477729

QUESTIONS (continued)

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

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	n associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
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 mi	lligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	11600
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	13550
GRO+DRO (EPA SW-846 Method 8015M)	8590
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed which includes the anticipated timelines for beginning and completing the remediation.	d efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
On what estimated date will the remediation commence	05/27/2025
On what date will (or did) the final sampling or liner inspection occur	05/29/2025
On what date will (or was) the remediation complete(d)	05/29/2025
What is the estimated surface area (in square feet) that will be reclaimed	2000
What is the estimated volume (in cubic yards) that will be reclaimed	218
What is the estimated surface area (in square feet) that will be remediated	2000
What is the estimated volume (in cubic yards) that will be remediated	218
These estimated dates and measurements are recognized to be the best guess or calculation at the	e time of submission and may (be) change(d) over time as more remediation efforts are completed.

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 4

Action 477729

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	477729
	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:		
Yes		
HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]		
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.

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

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.

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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 477729

QUESTIONS (continued)

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

QUESTIONS

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

Phone: (505) 629-6116

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QUESTIONS, Page 6

Action 477729

QUESTIONS (continued)

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

QUESTIONS

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

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all re	emediation steps have been completed.
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2000
What was the total volume (cubic yards) remediated	218
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	2000
What was the total volume (in cubic yards) reclaimed	218
Summarize any additional remediation activities not included by answers (above)	Remediation Complete

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: 06/23/2025

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

General Information Phone: (505) 629-6116

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QUESTIONS, Page 7

Action 477729

QUESTIONS (continued)

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

QUESTIONS

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

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

General Information Phone: (505) 629-6116

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CONDITIONS

Action 477729

CONDITIONS

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

CONDITIONS

Created By		Condition Date
nvelez	None	8/1/2025