



March 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
Cotton Draw Unit 237H Battery
Incident Number nAPP2503436256
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 Cotton Draw Unit 237H Battery (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, excavation, and delineation activities that have occurred and requesting no further action for Incident Number nAPP2503436256.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit M, Section 10, Township 25 South, Range 32 East, in Lea County, New Mexico (32.138296°, -103.6683398°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On January 29, 2025, the breather valve on the oil loadout was cracked, resulting in the release of approximately 10 barrels (bbls) of crude oil onto the caliche pad and 0 bbls were recovered. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via on the NMOCD Portal July 22, 2024, and submitted a Release Notification Form C-141 (Form C-141) on July 29, 2024. The release was assigned Incident Number nAPP2503436256. The Form C-141 can be referenced on the NMOCD Portal.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C 04634, located approximately 149 feet east of the Site. The well had

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

The closest continuously flowing or significant watercourse to the Site is a dry wash, located approximately 11,997 feet southwest of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

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

SITE ASSESSMENT ACTIVITIES

On February 03, 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 6, 2025 eight preliminary soil samples (SS01 through SS08) were collected around the release extent at ground surface to assess the lateral extent of the impacted area and two boreholes (BH01 and BH02) were advanced within the release extent to assess the vertical extent of impacted soil; borehole BH01 was advanced to a depth of 2.5 feet bgs and borehole BH02 was advanced to a depth of 1.5 feet bgs. On March 3, 2025, pothole samples (PH01 and PH02) were advanced within the release extent to further assess the vertical extent of impacted soil; potholes (PH01 and PH02) were advanced to depths of 3 feet bgs. The preliminary soil samples were field screened for chloride utilizing Hach® chloride QuanTab® test strips. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix 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 March 03, 2025, impacted soil was excavated via surface scrape 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 on the north side of the secondary lined containment. To direct excavation activities, Ensolum personnel screened soil for chloride and for TPH utilizing a PetroFLAG[®] soil analyzer system.

Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing at least 200 square feet from the floor of the scrape. 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 FS09) were collected from the floor of the excavation just beneath the scraped surface (0.5 feet bgs). Due to the shallow nature of the excavation, the sidewall soil samples were incorporated into the floor confirmation samples. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 1,780 square feet. A total of approximately 40 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.

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 preliminary soil samples (SS05 through SS09) were all in compliance with the Site Closure Criteria. Laboratory analytical results for boreholes/potholes (BH01/PH01 and BH02/PH02) indicated all COCs were in compliance with the strictest Closure Criteria at 3 feet bgs.

Laboratory analytical results for excavation floor soil samples (FS01 through FS09) indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results are summarized in Tables 1 through 2 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 June 2024 release of produced water. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with the Site Closure Criteria. Based on the soil sample analytical results, no further remediation was required.

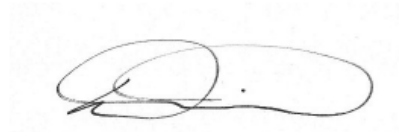
Excavation of impacted and waste-containing soil has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be greater than 55 feet bgs and no other sensitive receptors were identified near the release extent. Devon believes these remedial actions are protective of human health, the environment, and groundwater. As such, Devon respectfully requests closure for Incident Number nAPP2503436256.

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
Senior Scientist



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

Appendices:

Figure 1 Site Receptor Map
Figure 2 Delineation Soil Sample Locations
Figure 3 Excavation Soil Sample Locations





Table 1 Soil Sample Analytical Results (Delineation Soil Samples)
Table 2 Soil Sample Analytical Results (Excavation Soil Samples)

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







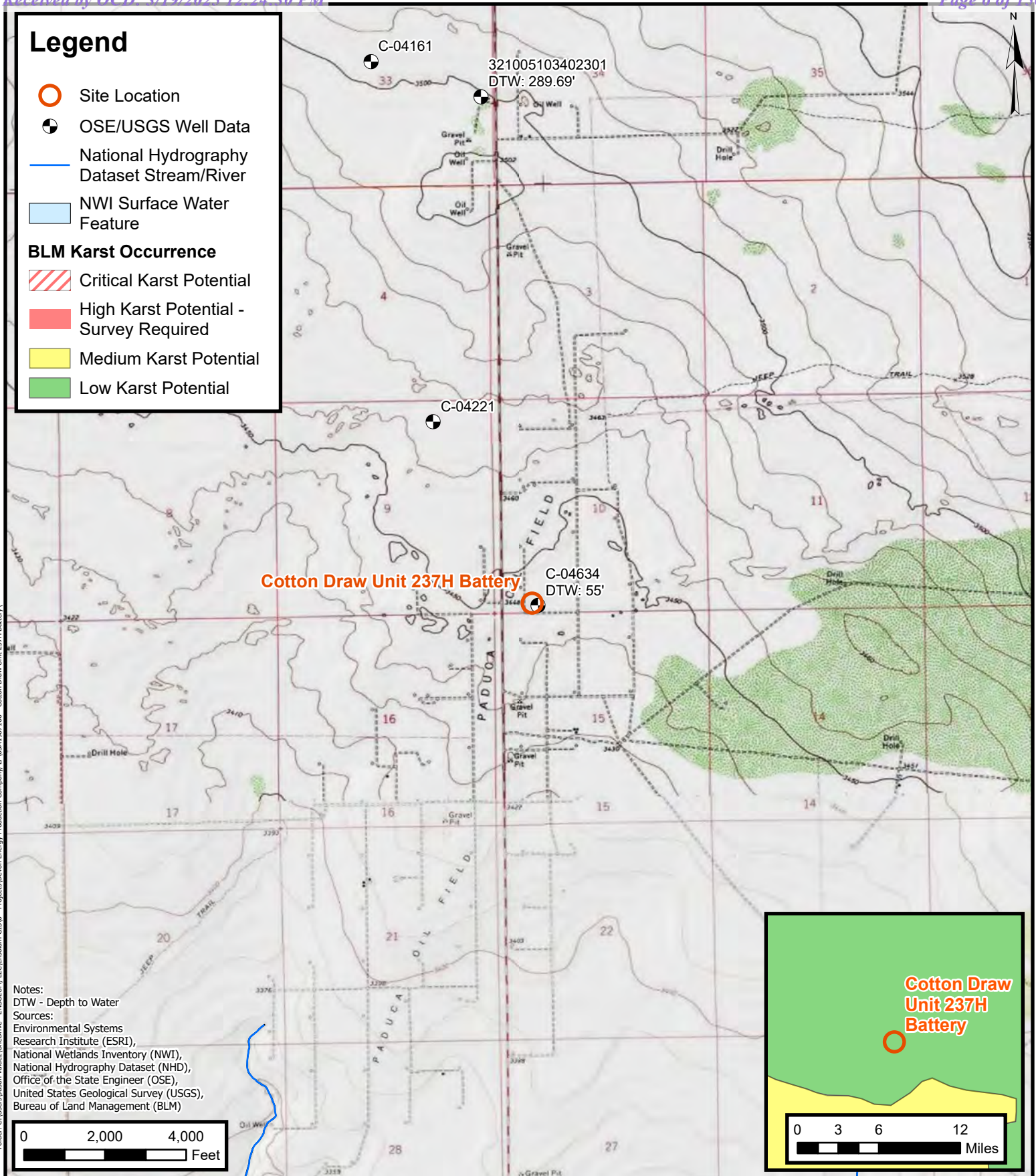
FIGURES

Legend

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

BLM Karst Occurrence

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



Site Receptor Map

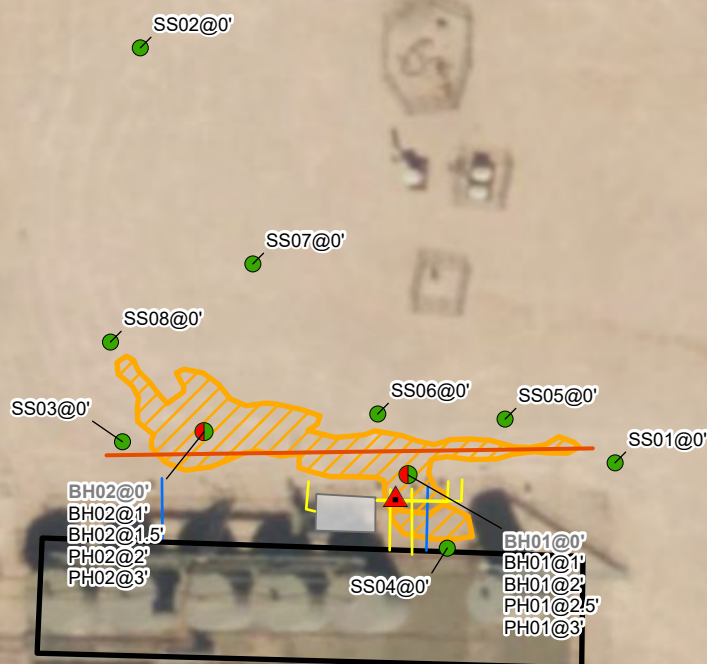
Devon Energy Production Company, LP
Cotton Draw Unit 237H Battery
Incident Number: nAPP2503436256
Unit M, Section 10, T 25S, R 32E
Lea County, New Mexico

FIGURE

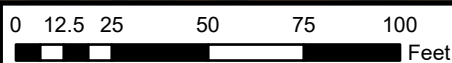
1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- ▲ Point of Release (POR)
- Electric Utility Line
- Oil and Gas Utility Line
- Water Utility Line
- ▨ Release Extent
- ▭ Liner Containment Area
- ▭ Production Equipment



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in bold indicate sample exceeded applicable closure criteria.



Sources: Environmental Systems Research Institute (ESRI)



Delineation Soil Sample Locations

Devon Energy Production Company, LP
 Cotton Draw Unit 237H Battery
 Incident Number: nAPP2503436256
 Unit M, Section 10, T 25S, R 32E
 Lea County, New Mexico

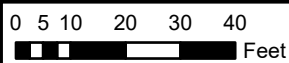
FIGURE
2

Legend

- Excavation Floor Sample in Compliance with Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Water Utility Line
- Liner Containment Area
- Production Equipment
- Excavation Extent



Notes:
Sample ID @ Depth Below Ground Surface.



Sources: Environmental Systems Research Institute (ESRI)



Excavation Soil Sample Locations

Devon Energy Production Company, LP
Cotton Draw Unit 237H Battery
Incident Number: nAPP2503436256
Unit M, Section 10, T 25S, R 32E
Lea County, New Mexico

FIGURE
3



TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Cotton Draw Unit 237H Battery
 Devon Energy Production Company, LLC
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples										
SS01	2/6/2025	0	<0.0250	0.0435	<20.0	<25.0	<50.0	<25.0	<50.0	269
SS02	2/6/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	169
SS03	2/6/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	50.3
SS04	2/6/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	66.9
SS05	3/5/2025	0	<0.0250	<0.0500	<20.0	645	262	645	907	987
SS06	3/5/2025	0	<0.0250	0.5333	<20.0	647	272	647	919	476
SS07	3/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	4,520
SS08	3/3/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	154
BH01	2/6/2025	0	57.4	498.4	3,850	21,200	7,330	25,050	32,380	4,250
BH01	2/6/2025	1	<0.0250	0.0330	<20.0	<25.0	<50.0	<25.0	<50.0	480
BH01	2/6/2025	2	<0.0250	<0.0500	<20.0	183	103	183	286	324
BH01	2/6/2025	2.5	<0.0250	<0.0500	<20.0	72.2	59.0	72.2	131.2	284
PH01	3/4/2025	3	<0.0250	0.5399	<20.0	<25.0	<50.0	<25.0	<50.0	259
BH02	2/6/2025	0	93	466.3	5,980	47,700	18,000	53,680	71,680	68.1
BH02	2/6/2025	1	<0.0250	0.0330	<20.0	<25.0	<50.0	<25.0	<50.0	27.5
BH02	2/6/2025	1.5	0.335	0.0280	<20.0	188	85.2	188	273.2	49.0
PH02	3/4/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	125
PH02	3/4/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	220

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<": Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 Cotton Draw Unit 237H Battery
 Devon Energy Production Company, LLC
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Excavation Floor Soil Samples										
FS01	3/3/2025	0.5	0.468	4.787	120	874	386	994	1,380	615
FS02	3/3/2025	0.5	<0.0250	<0.0500	<20.0	158	82.7	158	241	934
FS03	3/3/2025	0.5	0.0540	<0.0500	<20.0	221	102	221	323	1,380
FS04	3/3/2025	0.5	<0.0250	<0.0500	<20.0	52.0	<50.0	52.0	52.0	315
FS05	3/3/2025	0.5	<0.0250	<0.0500	<20.0	104	51.4	104	155	246
FS06	3/5/2025	0.5	<0.0250	<0.0500	<20.0	181	71.2	181	252	296
FS07	3/5/2025	0.5	0.0338	1.367	<20.0	234	69.6	234	303.6	306
FS08	3/5/2025	0.5	<0.0250	0.494	<20.0	352	118.0	352	470	712
FS09	3/3/2025	0.5	<0.0250	<0.0500	<20.0	157	59.2	157	216.2	290

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<": Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Well Log and Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S). C-4634		
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838		
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	
					ZIP 88210		
2. DRILLING & CASING INFORMATION	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 8	SECONDS 17.23	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE 103	40	4.33	W	* DATUM REQUIRED: WGS 84	
	DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SW SW Sec.10 T25S R32S NMPM						
3. ANNULAR MATERIAL	LICENSE NO. 1249	NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 6/7/2022	DRILLING ENDED 6/7/2022	DEPTH OF COMPLETED WELL (FT) Temporary Well	BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 6/13/2022	
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>	
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
	0 55		±6.5	Boring-HSA	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT	

FOR OSE INTERNAL USE

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

FILE NO.	C-4634	POD NO.	POD 1	TRN NO.	726471
LOCATION	T25S 32E 10 4-3-3			WELL TAG ID NO.	N/A

PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

5. TEST; RIG SUPERVISION

6. SIGNATURE

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 01/28/2022)		
FILE NO.	C-4634	POD NO.	POD1	TRN NO.	726471
LOCATION	295 379 10 4-3-3	WELL TAG ID NO.	N/A	PAGE 2 OF 2	



APPENDIX B

Photographic Log



Photographic Log

Devon Energy Production Company, LP
Cotton Draw Unit 237H Battery
nAPP2503436256



Photograph 1
Description: Signage
View: Southwest
Date: 2/3/2025



Photograph 2
Description: Spill Area
View: West
Date: 2/3/2025



Photograph 3
Description: Spill Area
View: Southwest
Date: 2/3/2025

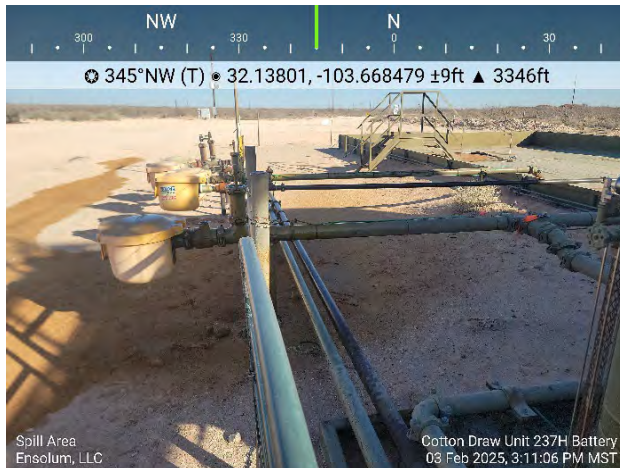


Photograph 4
Description: Spill Area
View: South
Date: 2/3/2025



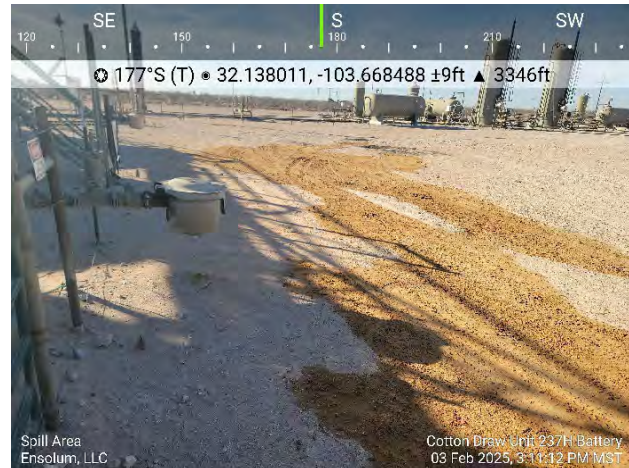
Photographic Log

Devon Energy Production Company, LP
Cotton Draw Unit 237H Battery
nAPP2503436256



Photograph 5
Description: Spill Area
View: North

Date: 2/3/2025



Photograph 6
Description: Spill Area
View: South

Date: 2/3/2025



Photograph 7
Description: Delineation
View: South

Date: 2/6/2025



Photograph 8
Description: Delineation
View: Southwest

Date: 2/6/2025



Photographic Log

Devon Energy Production Company, LP
Cotton Draw Unit 237H Battery
nAPP2503436256



Photograph 9
Description: Delineation
View: East

Date: 2/6/2025



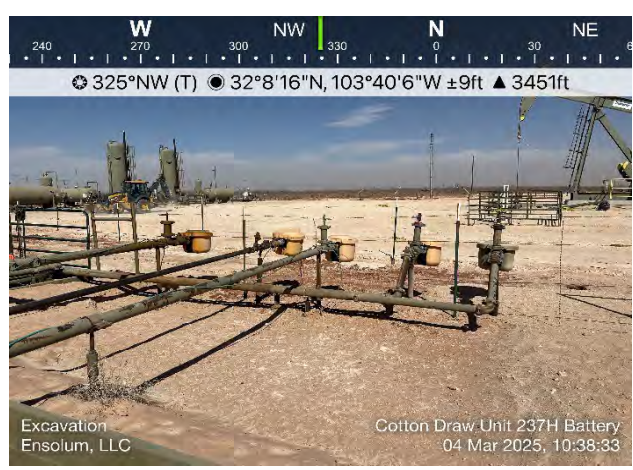
Photograph 10
Description: Excavation
View: West

Date: 3/3/2025



Photograph 11
Description: Excavation
View: Southeast

Date: 3/3/2025



Photograph 12
Description: Excavation
View: Northwest

Date: 3/4/2025



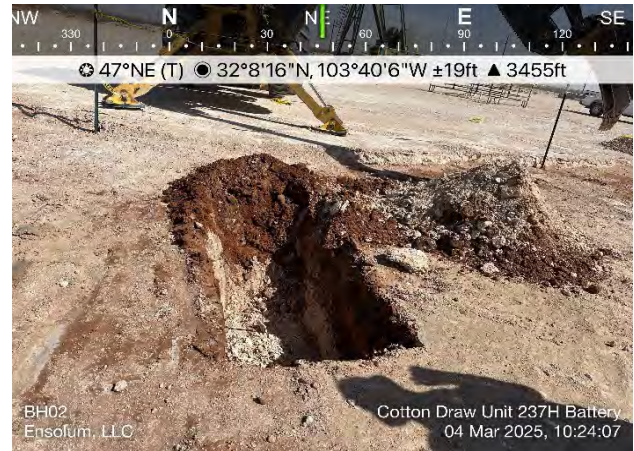
Photographic Log

Devon Energy Production Company, LP
Cotton Draw Unit 237H Battery
nAPP2503436256



Photograph 13
Description: Delineation
View: East

Date: 3/4/2025



Photograph 14
Description: Delineation
View: North

Date: 3/4/2025



Photograph 15
Description: Delineation
View: South

Date: 3/5/2025




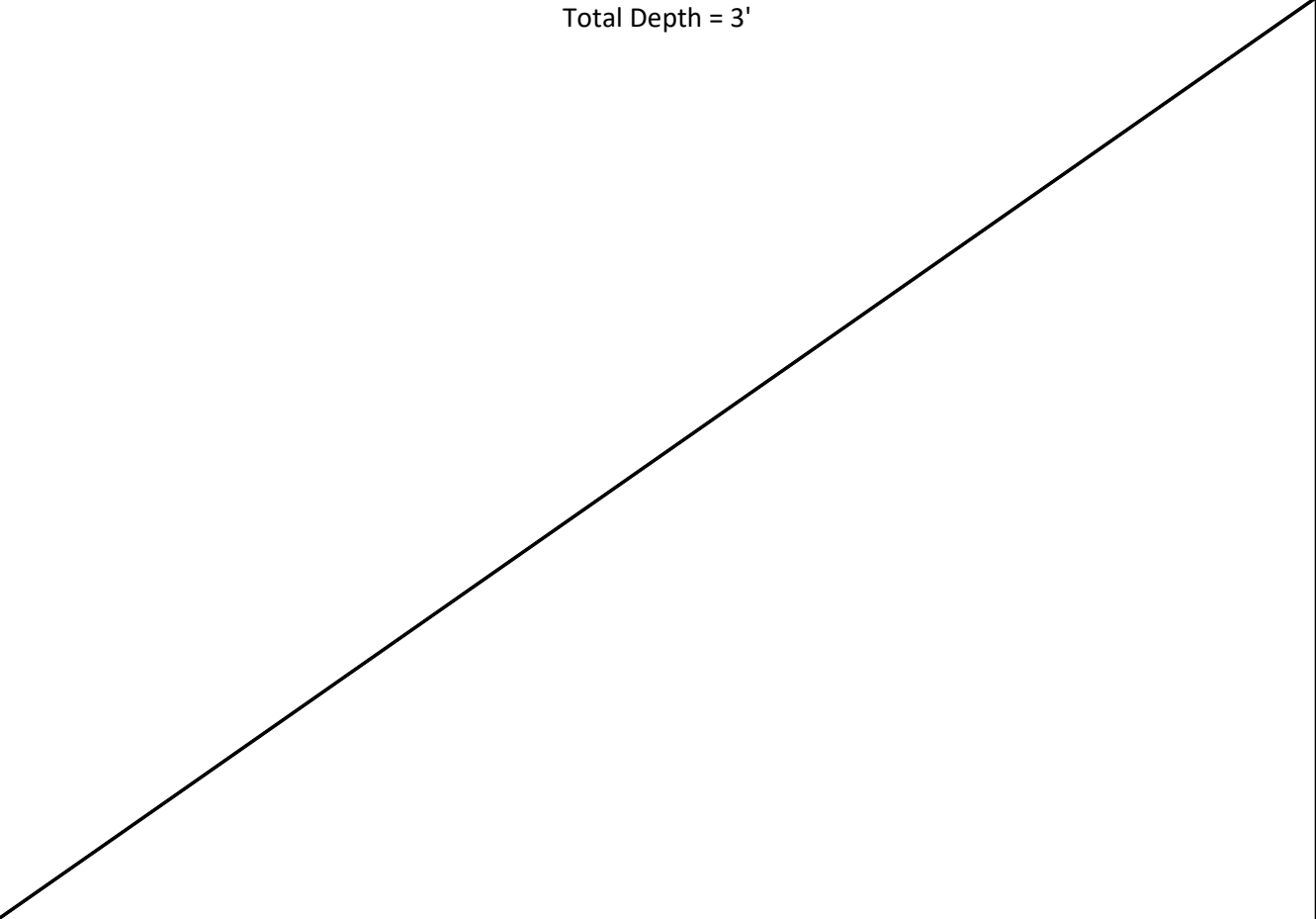
Photograph 16
Description: Delineation
View: South


Date: 3/5/2025



APPENDIX C

Lithologic Soil Sampling Logs

 ENSOLUM		Sample Name: BH01		Date: 2/6/25				
		Site Name: Cotton Draw Unit #237H Battery						
		Incident Number: nAPP2503436256						
		Job Number: 03A1987160						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.13801, -103.66842			Logged By: Cole Burton		Method: Backhoe			
			Hole Diameter: 3'		Total Depth: 3'			
Comments: Field screening conducted with the Mohr method titration and Petroflag for chloride and TPH, respectively. Chloride test performed with 1:1 dilution factor of soil to distilled water. No correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y		0	0	CCHE	Pad Caliche
M	900		N	BH01	1	1	SC	Clayey Sand - Red, Poorley Graded, Fine Grain, Low Placticity
M	450	105	N	BH01	2	2		
D			N	BH01	2.5	2.5	CCHE	Caliche
				PH01	3	3	SC	Clayey Sand - Red, Poorly graded, fine grain, low plasticity.
Total Depth = 3'								

		Sample Name: BH02		Date: 2/6/25				
		Site Name: Cotton Draw Unit #237H Battery						
		Incident Number: nAPP2503436256						
		Job Number: 03A1987160						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.13804, -103.66859			Logged By: Cole Burton		Method: Backhoe			
			Hole Diameter: 3'		Total Depth: 3'			
Comments: Field screening conducted with the Mohr method titration and Petroflag for chloride and TPH, respectively. Chloride test performed with 1:1 dilution factor of soil to distilled water. No correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			Y	BH02	0	0	CCHE	Pad Caliche
						0.5		
M	250	277	N	BH02	1	1	SC	Clayey Sand - Red, Poorly Graded, Fine Grain, Low Plasticity
D	300		N	BH02	1.5	1.5		
D	162	24	N	PH02	2	2	CCHE	Caliche
D	274	26		PH02	3	3		
Total depth = 3'								



APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit 237H Battery

Work Order: E502063

Job Number: 01058-0007

Received: 2/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/13/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
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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: 2/13/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit 237H Battery
Workorder: E502063
Date Received: 2/10/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/10/2025 7:30:00AM, under the Project Name: Cotton Draw Unit 237H Battery.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 237H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/13/25 09:01

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS02-0'	E502063-01A	Soil	02/06/25	02/10/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/13/2025 9:01:20AM

SS02-0'

E502063-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2507001	
Benzene	ND	0.0250	1	02/10/25	02/10/25	
Ethylbenzene	ND	0.0250	1	02/10/25	02/10/25	
Toluene	ND	0.0250	1	02/10/25	02/10/25	
o-Xylene	ND	0.0250	1	02/10/25	02/10/25	
p,m-Xylene	ND	0.0500	1	02/10/25	02/10/25	
Total Xylenes	ND	0.0250	1	02/10/25	02/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		82.1 %	70-130	02/10/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2507001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/10/25	02/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		98.2 %	70-130	02/10/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2507002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/10/25	02/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/10/25	02/10/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	02/10/25	02/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2507013	
Chloride	169	20.0	1	02/10/25	02/10/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 9:01:20AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2507001-BLK1)

Prepared: 02/10/25 Analyzed: 02/10/25

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	5.81		8.00		72.7	70-130			

LCS (2507001-BS1)

Prepared: 02/10/25 Analyzed: 02/10/25

Benzene	4.32	0.0250	5.00		86.3	70-130			
Ethylbenzene	4.32	0.0250	5.00		86.5	70-130			
Toluene	4.38	0.0250	5.00		87.7	70-130			
o-Xylene	4.30	0.0250	5.00		85.9	70-130			
p,m-Xylene	8.80	0.0500	10.0		88.0	70-130			
Total Xylenes	13.1	0.0250	15.0		87.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.14		8.00		76.7	70-130			

LCS Dup (2507001-BSD1)

Prepared: 02/10/25 Analyzed: 02/10/25

Benzene	4.53	0.0250	5.00		90.6	70-130	4.88	20	
Ethylbenzene	4.54	0.0250	5.00		90.8	70-130	4.89	20	
Toluene	4.59	0.0250	5.00		91.7	70-130	4.51	20	
o-Xylene	4.47	0.0250	5.00		89.4	70-130	4.01	20	
p,m-Xylene	9.22	0.0500	10.0		92.2	70-130	4.70	20	
Total Xylenes	13.7	0.0250	15.0		91.3	70-130	4.47	20	
Surrogate: 4-Bromochlorobenzene-PID	6.21		8.00		77.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 9:01:20AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2507001-BLK1) Prepared: 02/10/25 Analyzed: 02/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		8.00		99.9	70-130			

LCS (2507001-BS2) Prepared: 02/10/25 Analyzed: 02/10/25

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.09		8.00		101	70-130			

LCS Dup (2507001-BSD2) Prepared: 02/10/25 Analyzed: 02/10/25

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.4	70-130	0.180	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.05		8.00		101	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 9:01:20AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2507002-BLK1)					Prepared: 02/10/25 Analyzed: 02/10/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.4		50.0		115	61-141			

LCS (2507002-BS1)					Prepared: 02/10/25 Analyzed: 02/10/25				
Diesel Range Organics (C10-C28)	282	25.0	250		113	66-144			
Surrogate: n-Nonane	54.1		50.0		108	61-141			

Matrix Spike (2507002-MS1)					Source: E502059-01		Prepared: 02/10/25 Analyzed: 02/10/25		
Diesel Range Organics (C10-C28)	293	25.0	250	ND	117	56-156			
Surrogate: n-Nonane	56.4		50.0		113	61-141			

Matrix Spike Dup (2507002-MSD1)					Source: E502059-01		Prepared: 02/10/25 Analyzed: 02/10/25		
Diesel Range Organics (C10-C28)	320	25.0	250	ND	128	56-156	8.70	20	
Surrogate: n-Nonane	59.5		50.0		119	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 9:01:20AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2507013-BLK1)					Prepared: 02/10/25 Analyzed: 02/10/25				
Chloride	ND	20.0							
LCS (2507013-BS1)					Prepared: 02/10/25 Analyzed: 02/10/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2507013-MS1)					Source: E502060-04		Prepared: 02/10/25 Analyzed: 02/10/25		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2507013-MSD1)					Source: E502060-04		Prepared: 02/10/25 Analyzed: 02/10/25		
Chloride	252	20.0	250	ND	101	80-120	0.293	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:	Cotton Draw Unit 237H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/13/25 09:01

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

[illegible]

envirotech

Envirotech Analytical Laboratory

Printed: 2/10/2025 8:40:04AM

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:	02/10/25 07:30	Work Order ID:	E502063
Phone:	(505) 382-1211	Date Logged In:	02/07/25 14:54	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	02/14/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

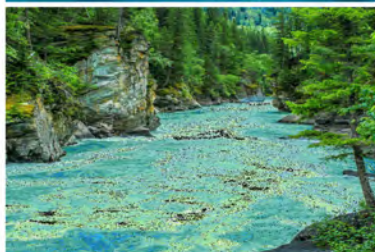
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit 237H Battery

Work Order: E502064

Job Number: 01058-0007

Received: 2/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/13/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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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: 2/13/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit 237H Battery
Workorder: E502064
Date Received: 2/10/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/10/2025 7:30:00AM, under the Project Name: Cotton Draw Unit 237H Battery.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 237H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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QC - Anions by EPA 300.0/9056A	9
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Chain of Custody etc.	11

Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/13/25 08:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS04-0'	E502064-01A	Soil	02/06/25	02/10/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/13/2025 8:56:15AM

SS04-0'

E502064-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2507001	
Benzene	ND	0.0250	1	02/10/25	02/10/25	
Ethylbenzene	ND	0.0250	1	02/10/25	02/10/25	
Toluene	ND	0.0250	1	02/10/25	02/10/25	
o-Xylene	ND	0.0250	1	02/10/25	02/10/25	
p,m-Xylene	ND	0.0500	1	02/10/25	02/10/25	
Total Xylenes	ND	0.0250	1	02/10/25	02/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	83.1 %	70-130		02/10/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2507001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/10/25	02/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	98.2 %	70-130		02/10/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2507002	
Diesel Range Organics (C10-C28)	ND	25.0	1	02/10/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/10/25	02/11/25	
<i>Surrogate: n-Nonane</i>	92.0 %	61-141		02/10/25	02/11/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2507013	
Chloride	66.9	20.0	1	02/10/25	02/10/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 8:56:15AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2507001-BLK1)

Prepared: 02/10/25 Analyzed: 02/10/25

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	5.81		8.00		72.7	70-130			

LCS (2507001-BS1)

Prepared: 02/10/25 Analyzed: 02/10/25

Benzene	4.32	0.0250	5.00		86.3	70-130			
Ethylbenzene	4.32	0.0250	5.00		86.5	70-130			
Toluene	4.38	0.0250	5.00		87.7	70-130			
o-Xylene	4.30	0.0250	5.00		85.9	70-130			
p,m-Xylene	8.80	0.0500	10.0		88.0	70-130			
Total Xylenes	13.1	0.0250	15.0		87.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.14		8.00		76.7	70-130			

LCS Dup (2507001-BSD1)

Prepared: 02/10/25 Analyzed: 02/10/25

Benzene	4.53	0.0250	5.00		90.6	70-130	4.88	20	
Ethylbenzene	4.54	0.0250	5.00		90.8	70-130	4.89	20	
Toluene	4.59	0.0250	5.00		91.7	70-130	4.51	20	
o-Xylene	4.47	0.0250	5.00		89.4	70-130	4.01	20	
p,m-Xylene	9.22	0.0500	10.0		92.2	70-130	4.70	20	
Total Xylenes	13.7	0.0250	15.0		91.3	70-130	4.47	20	
Surrogate: 4-Bromochlorobenzene-PID	6.21		8.00		77.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 8:56:15AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2507001-BLK1) Prepared: 02/10/25 Analyzed: 02/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.99		8.00		99.9	70-130			

LCS (2507001-BS2) Prepared: 02/10/25 Analyzed: 02/10/25

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.09		8.00		101	70-130			

LCS Dup (2507001-BSD2) Prepared: 02/10/25 Analyzed: 02/10/25

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.4	70-130	0.180	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.05		8.00		101	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 8:56:15AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2507002-BLK1)					Prepared: 02/10/25 Analyzed: 02/10/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.4		50.0		115	61-141			

LCS (2507002-BS1)					Prepared: 02/10/25 Analyzed: 02/10/25				
Diesel Range Organics (C10-C28)	282	25.0	250		113	66-144			
Surrogate: n-Nonane	54.1		50.0		108	61-141			

Matrix Spike (2507002-MS1)					Source: E502059-01		Prepared: 02/10/25 Analyzed: 02/10/25		
Diesel Range Organics (C10-C28)	293	25.0	250	ND	117	56-156			
Surrogate: n-Nonane	56.4		50.0		113	61-141			

Matrix Spike Dup (2507002-MSD1)					Source: E502059-01		Prepared: 02/10/25 Analyzed: 02/10/25		
Diesel Range Organics (C10-C28)	320	25.0	250	ND	128	56-156	8.70	20	
Surrogate: n-Nonane	59.5		50.0		119	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/13/2025 8:56:15AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2507013-BLK1)					Prepared: 02/10/25 Analyzed: 02/10/25				
Chloride	ND	20.0							
LCS (2507013-BS1)					Prepared: 02/10/25 Analyzed: 02/10/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2507013-MS1)					Source: E502060-04		Prepared: 02/10/25 Analyzed: 02/10/25		
Chloride	253	20.0	250	ND	101	80-120			
Matrix Spike Dup (2507013-MSD1)					Source: E502060-04		Prepared: 02/10/25 Analyzed: 02/10/25		
Chloride	252	20.0	250	ND	101	80-120	0.293	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:	Cotton Draw Unit 237H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/13/25 08:56

- ND

Analyte NOT DETECTED at or above the reporting limit
- NR

Not Reported
- RPD

Relative Percent Difference
- DNI

Did Not Ignite
- DNR

Did not react with the addition of acid or base.
- Note (1):

Methods marked with ** are non-accredited methods.
- Note (2):

Soil data is reported on an "as received" weight basis, unless reported otherwise.

Chain of Custody

Client Information		Invoice Information		Lab Use Only		TAT				State			
Client: Devon		Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX
Project: Cotton Draw Unit 237H Battery		Address: 5315 Buena Vista Dr		E502064 01058-0007					x	x			
Project Manager: Ashley Giovengo		City, State, Zip: Carlsbad NM, 88220											
Address: 3122 National Parks Hwy		Phone: (575)689-7597											
City, State, Zip: Carlsbad NM, 88220		Email: jim.raley@dvn.com											
Phone: 575-988-0055		Miscellaneous: Jim Raley											
Email: agiovengo@ensolum.com													

[illegible]

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: Cole Burton

Relinquished by: (Signature) <i>26/1/25</i>	Date <i>2/7/25</i>	Time <i>7:30</i>	Received by: (Signature) <i>Maurice Gomer</i>	Date <i>2-7-25</i>	Time <i>0730</i>	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>
Relinquished by: (Signature) <i>Maurice Gomer</i>	Date <i>2-7-25</i>	Time <i>1600</i>	Received by: (Signature) <i>J. H.</i>	Date <i>2.7.25</i>	Time <i>16.30</i>	
Relinquished by: (Signature) <i>J. H.</i>	Date <i>2.7.25</i>	Time <i>2300</i>	Received by: (Signature) <i>Caitlin Maw</i>	Date <i>2.10.25</i>	Time <i>730</i>	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

**envirotech**

Envirotech Analytical Laboratory

Printed: 2/10/2025 8:41:57AM

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:	02/10/25 07:30	Work Order ID:	E502064
Phone:	(505) 382-1211	Date Logged In:	02/07/25 15:01	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	02/14/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit 237H Battery

Work Order: E502065

Job Number: 01058-0007

Received: 2/10/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/14/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/14/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit 237H Battery
Workorder: E502065
Date Received: 2/10/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/10/2025 7:30:00AM, under the Project Name: Cotton Draw Unit 237H Battery.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 237H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Sample Summary

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Cotton Draw Unit 237H Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 02/14/25 10:54
-------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E502065-01A	Soil	02/06/25	02/10/25	Glass Jar, 2 oz.
BH01-1'	E502065-02A	Soil	02/06/25	02/10/25	Glass Jar, 2 oz.
BH01-2'	E502065-03A	Soil	02/06/25	02/10/25	Glass Jar, 2 oz.
BH01-2.5'	E502065-04A	Soil	02/06/25	02/10/25	Glass Jar, 2 oz.
BH02-0'	E502065-05A	Soil	02/06/25	02/10/25	Glass Jar, 2 oz.
BH02-1'	E502065-06A	Soil	02/06/25	02/10/25	Glass Jar, 2 oz.
BH02-1.5'	E502065-07A	Soil	02/06/25	02/10/25	Glass Jar, 2 oz.
SS01-0'	E502065-08A	Soil	02/06/25	02/10/25	Glass Jar, 2 oz.
SS03-0'	E502065-09A	Soil	02/06/25	02/10/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Cotton Draw Unit 237H Battery Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 2/14/2025 10:54:38AM
-------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------	------------------------------------------

BH01-0'

E502065-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2507010	
Benzene	18.6	1.25	50	02/10/25	02/11/25	
Ethylbenzene	38.8	1.25	50	02/10/25	02/11/25	
Toluene	206	1.25	50	02/10/25	02/11/25	
o-Xylene	59.5	1.25	50	02/10/25	02/11/25	
p,m-Xylene	175	2.50	50	02/10/25	02/11/25	
Total Xylenes	235	1.25	50	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	96.9 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	102 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2507010	
Gasoline Range Organics (C6-C10)	3850	1000	50	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	96.9 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	102 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507007	
Diesel Range Organics (C10-C28)	21200	500	20	02/10/25	02/11/25	
Oil Range Organics (C28-C36)	7330	1000	20	02/10/25	02/11/25	
Surrogate: n-Nonane	866 %	61-141		02/10/25	02/11/25	SS
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507014	
Chloride	4250	40.0	2	02/10/25	02/10/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/14/2025 10:54:38AM

BH01-1'

E502065-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Benzene	ND	0.0250	1	02/10/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/10/25	02/11/25	
Toluene	0.0330	0.0250	1	02/10/25	02/11/25	
o-Xylene	ND	0.0250	1	02/10/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/10/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	97.5 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	102 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	97.5 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	98.1 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	102 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/10/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/10/25	02/11/25	
Surrogate: n-Nonane	79.3 %	61-141		02/10/25	02/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507014
Chloride	480	20.0	1	02/10/25	02/10/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/14/2025 10:54:38AM

BH01-2'

E502065-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Benzene	ND	0.0250	1	02/10/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/10/25	02/11/25	
Toluene	ND	0.0250	1	02/10/25	02/11/25	
o-Xylene	ND	0.0250	1	02/10/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/10/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	95.6 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	103 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	95.6 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	103 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507007
Diesel Range Organics (C10-C28)	183	25.0	1	02/10/25	02/11/25	
Oil Range Organics (C28-C36)	103	50.0	1	02/10/25	02/11/25	
Surrogate: n-Nonane	111 %	61-141		02/10/25	02/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507014
Chloride	324	20.0	1	02/10/25	02/10/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/14/2025 10:54:38AM

BH01-2.5'

E502065-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Benzene	ND	0.0250	1	02/10/25	02/10/25	
Ethylbenzene	ND	0.0250	1	02/10/25	02/10/25	
Toluene	ND	0.0250	1	02/10/25	02/10/25	
o-Xylene	ND	0.0250	1	02/10/25	02/10/25	
p,m-Xylene	ND	0.0500	1	02/10/25	02/10/25	
Total Xylenes	ND	0.0250	1	02/10/25	02/10/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		02/10/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		02/10/25	02/10/25	
Surrogate: Toluene-d8	100 %	70-130		02/10/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/10/25	02/10/25	
Surrogate: Bromofluorobenzene	96.5 %	70-130		02/10/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		02/10/25	02/10/25	
Surrogate: Toluene-d8	100 %	70-130		02/10/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507007
Diesel Range Organics (C10-C28)	72.2	25.0	1	02/10/25	02/11/25	
Oil Range Organics (C28-C36)	59.0	50.0	1	02/10/25	02/11/25	
Surrogate: n-Nonane	109 %	61-141		02/10/25	02/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507014
Chloride	284	20.0	1	02/10/25	02/10/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/14/2025 10:54:38AM

BH02-0'

E502065-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2507010	
Benzene	34.7	1.25	50	02/10/25	02/11/25	
Ethylbenzene	58.3	1.25	50	02/10/25	02/11/25	
Toluene	313	1.25	50	02/10/25	02/11/25	
o-Xylene	87.8	1.25	50	02/10/25	02/11/25	
p,m-Xylene	255	2.50	50	02/10/25	02/11/25	
Total Xylenes	342	1.25	50	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	98.9 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	102 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2507010	
Gasoline Range Organics (C6-C10)	5980	1000	50	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	98.9 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	102 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507007	
Diesel Range Organics (C10-C28)	47700	500	20	02/10/25	02/11/25	
Oil Range Organics (C28-C36)	18000	1000	20	02/10/25	02/11/25	
Surrogate: n-Nonane	1580 %	61-141		02/10/25	02/11/25	SS
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507014	
Chloride	68.1	20.0	1	02/10/25	02/10/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/14/2025 10:54:38AM

BH02-1'

E502065-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Benzene	ND	0.0250	1	02/10/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/10/25	02/11/25	
Toluene	0.0330	0.0250	1	02/10/25	02/11/25	
o-Xylene	ND	0.0250	1	02/10/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/10/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	95.9 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	103 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	95.9 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	103 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/10/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/10/25	02/11/25	
Surrogate: n-Nonane	104 %	61-141		02/10/25	02/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507014
Chloride	27.5	20.0	1	02/10/25	02/10/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/14/2025 10:54:38AM

BH02-1.5'

E502065-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Benzene	ND	0.0250	1	02/10/25	02/10/25	
Ethylbenzene	0.0280	0.0250	1	02/10/25	02/10/25	
Toluene	0.0970	0.0250	1	02/10/25	02/10/25	
o-Xylene	0.0595	0.0250	1	02/10/25	02/10/25	
p,m-Xylene	0.151	0.0500	1	02/10/25	02/10/25	
Total Xylenes	0.210	0.0250	1	02/10/25	02/10/25	
Surrogate: Bromofluorobenzene	97.7 %	70-130		02/10/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		02/10/25	02/10/25	
Surrogate: Toluene-d8	102 %	70-130		02/10/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/10/25	02/10/25	
Surrogate: Bromofluorobenzene	97.7 %	70-130		02/10/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		02/10/25	02/10/25	
Surrogate: Toluene-d8	102 %	70-130		02/10/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507007
Diesel Range Organics (C10-C28)	188	25.0	1	02/10/25	02/11/25	
Oil Range Organics (C28-C36)	85.2	50.0	1	02/10/25	02/11/25	
Surrogate: n-Nonane	115 %	61-141		02/10/25	02/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507014
Chloride	49.0	20.0	1	02/10/25	02/10/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/14/2025 10:54:38AM

SS01-0'

E502065-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Benzene	ND	0.0250	1	02/10/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/10/25	02/11/25	
Toluene	0.0435	0.0250	1	02/10/25	02/11/25	
o-Xylene	ND	0.0250	1	02/10/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/10/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	91.6 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	103 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	91.6 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	103 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/10/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/10/25	02/11/25	
Surrogate: n-Nonane	107 %	61-141		02/10/25	02/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507014
Chloride	269	20.0	1	02/10/25	02/10/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/14/2025 10:54:38AM

SS03-0'

E502065-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Benzene	ND	0.0250	1	02/10/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/10/25	02/11/25	
Toluene	ND	0.0250	1	02/10/25	02/11/25	
o-Xylene	ND	0.0250	1	02/10/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/10/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	94.1 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	102 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2507010
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/10/25	02/11/25	
Surrogate: Bromofluorobenzene	94.1 %	70-130		02/10/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		02/10/25	02/11/25	
Surrogate: Toluene-d8	102 %	70-130		02/10/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507007
Diesel Range Organics (C10-C28)	ND	25.0	1	02/10/25	02/11/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/10/25	02/11/25	
Surrogate: n-Nonane	106 %	61-141		02/10/25	02/11/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507014
Chloride	50.3	20.0	1	02/10/25	02/10/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/14/2025 10:54:38AM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2507010-BLK1)

Prepared: 02/10/25 Analyzed: 02/10/25

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: Bromofluorobenzene	0.471		0.500		94.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2507010-BS1)

Prepared: 02/10/25 Analyzed: 02/10/25

Benzene	2.33	0.0250	2.50		93.1	70-130			
Ethylbenzene	2.35	0.0250	2.50		94.2	70-130			
Toluene	2.36	0.0250	2.50		94.4	70-130			
o-Xylene	2.37	0.0250	2.50		95.0	70-130			
p,m-Xylene	4.70	0.0500	5.00		94.0	70-130			
Total Xylenes	7.08	0.0250	7.50		94.3	70-130			
Surrogate: Bromofluorobenzene	0.474		0.500		94.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike (2507010-MS1)

Source: E502065-07

Prepared: 02/10/25 Analyzed: 02/10/25

Benzene	2.42	0.0250	2.50	ND	96.9	48-131			
Ethylbenzene	2.39	0.0250	2.50	0.0280	94.4	45-135			
Toluene	2.50	0.0250	2.50	0.0970	96.1	48-130			
o-Xylene	2.55	0.0250	2.50	0.0595	99.6	43-135			
p,m-Xylene	5.11	0.0500	5.00	0.151	99.2	43-135			
Total Xylenes	7.66	0.0250	7.50	0.210	99.3	43-135			
Surrogate: Bromofluorobenzene	0.479		0.500		95.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike Dup (2507010-MSD1)

Source: E502065-07

Prepared: 02/10/25 Analyzed: 02/10/25

Benzene	2.49	0.0250	2.50	ND	99.5	48-131	2.69	23	
Ethylbenzene	2.50	0.0250	2.50	0.0280	98.9	45-135	4.60	27	
Toluene	2.63	0.0250	2.50	0.0970	101	48-130	5.09	24	
o-Xylene	2.61	0.0250	2.50	0.0595	102	43-135	2.15	27	
p,m-Xylene	5.24	0.0500	5.00	0.151	102	43-135	2.46	27	
Total Xylenes	7.84	0.0250	7.50	0.210	102	43-135	2.36	27	
Surrogate: Bromofluorobenzene	0.481		0.500		96.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/14/2025 10:54:38AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2507010-BLK1)

Prepared: 02/10/25 Analyzed: 02/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.471		0.500		94.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.515		0.500		103	70-130			

LCS (2507010-BS2)

Prepared: 02/10/25 Analyzed: 02/10/25

Gasoline Range Organics (C6-C10)	55.2	20.0	50.0		110	70-130			
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike (2507010-MS2)

Source: E502065-07

Prepared: 02/10/25 Analyzed: 02/10/25

Gasoline Range Organics (C6-C10)	73.5	20.0	50.0	ND	147	70-130			M6
Surrogate: Bromofluorobenzene	0.474		0.500		94.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.501		0.500		100	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.1	70-130			

Matrix Spike Dup (2507010-MSD2)

Source: E502065-07

Prepared: 02/10/25 Analyzed: 02/10/25

Gasoline Range Organics (C6-C10)	71.0	20.0	50.0	ND	142	70-130	3.51	20	M6
Surrogate: Bromofluorobenzene	0.493		0.500		98.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/14/2025 10:54:38AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2507007-BLK1)					Prepared: 02/10/25 Analyzed: 02/11/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.1		50.0		104	61-141			

LCS (2507007-BS1)					Prepared: 02/10/25 Analyzed: 02/11/25				
Diesel Range Organics (C10-C28)	254	25.0	250		102	66-144			
Surrogate: n-Nonane	52.0		50.0		104	61-141			

Matrix Spike (2507007-MS1)					Source: E502065-05		Prepared: 02/10/25 Analyzed: 02/11/25		
Diesel Range Organics (C10-C28)	45600	500	250	47700	NR	56-156			M4
Surrogate: n-Nonane	758		50.0		NR	61-141			S5

Matrix Spike Dup (2507007-MSD1)					Source: E502065-05		Prepared: 02/10/25 Analyzed: 02/11/25		
Diesel Range Organics (C10-C28)	47600	500	250	47700	NR	56-156	4.25	20	M4
Surrogate: n-Nonane	776		50.0		NR	61-141			S5



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/14/2025 10:54:38AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2507014-BLK1)					Prepared: 02/10/25 Analyzed: 02/10/25				
Chloride	ND	20.0							
LCS (2507014-BS1)					Prepared: 02/10/25 Analyzed: 02/10/25				
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2507014-MS1)					Source: E502065-05		Prepared: 02/10/25 Analyzed: 02/10/25		
Chloride	319	20.0	250	68.1	100	80-120			
Matrix Spike Dup (2507014-MSD1)					Source: E502065-05		Prepared: 02/10/25 Analyzed: 02/10/25		
Chloride	327	20.0	250	68.1	103	80-120	2.34	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:	Cotton Draw Unit 237H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/14/25 10:54

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- 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.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Cotton Draw Unit 237H Battery				Address: 5315 Buena Vista Dr				EE02005		01058-0007					X	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			
Sample Information												Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCFQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	Compliance	PWSID #
9:26	2/6/2025	S	1	BH01 - 0'		1						X						Y	
9:33	2/6/2025	S	1	BH01 - 1'		2						X						Y	
9:36	2/6/2025	S	1	BH01 - 2'		3						X						Y	
12:18	2/6/2025	S	1	BH01 - 2.5'		4						X						Y	
9:39	2/6/2025	S	1	BH02 - 0'		5						X						Y	
9:44	2/6/2025	S	1	BH02 - 1'		6						X						Y	
9:47	2/6/2025	S	1	BH02 - 1.5'		7						X						Y	
13:31	2/6/2025	S	1	SS01 - 0'		8						X						Y	
10:34	2/6/2025	S	1	SS03 - 0'		9						X						Y	
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Cole Burton																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



Envirotech Analytical Laboratory

Printed: 2/10/2025 8:43:25AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	02/10/25 07:30	Work Order ID:	E502065
Phone:	(505) 382-1211	Date Logged In:	02/07/25 15:05	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	02/14/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit 237H Battery

Work Order: E503028

Job Number: 01058-0007

Received: 3/5/2025

Revision: 0

Report Reviewed By:

Draft

Walter Hinchman
Laboratory Director
3/7/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/7/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Cotton Draw Unit 237H Battery
Workorder: E503028
Date Received: 3/5/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/5/2025 7:00:00AM, under the Project Name: Cotton Draw Unit 237H Battery.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 237H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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Cell: 775-287-1762
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/07/25 09:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-0.5'	E503028-01A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS02-0.5'	E503028-02A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS03-0.5'	E503028-03A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS04-0.5'	E503028-04A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS05-0.5'	E503028-05A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
SS09-0'	E503028-06A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 9:56:47AM

FS01-0.5'

E503028-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	0.468	0.0250	1	03/05/25	03/07/25	
Toluene	0.409	0.0250	1	03/05/25	03/07/25	
o-Xylene	1.19	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	2.73	0.0500	1	03/05/25	03/07/25	
Total Xylenes	3.91	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	94.7 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	102 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	120	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	94.7 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	102 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	874	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	386	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	109 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	615	40.0	2	03/05/25	03/05/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 9:56:47AM

FS02-0.5'

E503028-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	98.4 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	98.4 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	158	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	82.7	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	98.4 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	934	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 9:56:47AM

FS03-0.5'

E503028-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	0.0540	0.0250	1	03/05/25	03/07/25	
Toluene	0.0490	0.0250	1	03/05/25	03/07/25	
o-Xylene	0.147	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	0.303	0.0500	1	03/05/25	03/07/25	
Total Xylenes	0.450	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	03/05/25	03/07/25	
Surrogate: Toluene-d8		97.5 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	03/05/25	03/07/25	
Surrogate: Toluene-d8		97.5 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	221	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	102	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane		99.0 %	61-141	03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	1380	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 9:56:47AM

FS04-0.5'

E503028-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	99.0 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.6 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	99.0 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.6 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	52.0	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	93.9 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	315	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 9:56:47AM

FS05-0.5'

E503028-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	0.0270	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	0.0270	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	96.2 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.3 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	96.2 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.3 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	104	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	51.4	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	93.0 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	246	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/7/2025 9:56:47AM

SS09-0'

E503028-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	0.0560	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.4 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.4 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	26.3	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	99.4 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	254	20.0	1	03/05/25	03/05/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/7/2025 9:56:47AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510081-BLK1)

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2510081-BS1)

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.17	0.0250	2.50		86.9	70-130			
Ethylbenzene	2.20	0.0250	2.50		87.9	70-130			
Toluene	2.14	0.0250	2.50		85.8	70-130			
o-Xylene	2.22	0.0250	2.50		88.6	70-130			
p,m-Xylene	4.37	0.0500	5.00		87.4	70-130			
Total Xylenes	6.59	0.0250	7.50		87.8	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			

Matrix Spike (2510081-MS1)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.25	0.0250	2.50	ND	89.8	48-131			
Ethylbenzene	2.31	0.0250	2.50	ND	92.4	45-135			
Toluene	2.25	0.0250	2.50	ND	89.9	48-130			
o-Xylene	2.28	0.0250	2.50	ND	91.1	43-135			
p,m-Xylene	4.55	0.0500	5.00	ND	90.9	43-135			
Total Xylenes	6.83	0.0250	7.50	ND	91.0	43-135			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

Matrix Spike Dup (2510081-MSD1)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.22	0.0250	2.50	ND	88.6	48-131	1.35	23	
Ethylbenzene	2.22	0.0250	2.50	ND	89.0	45-135	3.82	27	
Toluene	2.16	0.0250	2.50	ND	86.4	48-130	3.97	24	
o-Xylene	2.23	0.0250	2.50	ND	89.0	43-135	2.33	27	
p,m-Xylene	4.43	0.0500	5.00	ND	88.6	43-135	2.57	27	
Total Xylenes	6.66	0.0250	7.50	ND	88.8	43-135	2.49	27	
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/7/2025 9:56:47AM

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 (2510081-BLK1)

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2510081-BS2)

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike (2510081-MS2)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

Matrix Spike Dup (2510081-MSD2)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130	5.98	20	
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/7/2025 9:56:47AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510077-BLK1)					Prepared: 03/05/25 Analyzed: 03/06/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.8		50.0		93.5	61-141			

LCS (2510077-BS1)					Prepared: 03/05/25 Analyzed: 03/06/25				
Diesel Range Organics (C10-C28)	232	25.0	250		92.8	66-144			
Surrogate: n-Nonane	49.9		50.0		99.7	61-141			

Matrix Spike (2510077-MS1)					Source: E503028-02		Prepared: 03/05/25 Analyzed: 03/06/25		
Diesel Range Organics (C10-C28)	344	25.0	250	158	74.6	56-156			
Surrogate: n-Nonane	50.0		50.0		100	61-141			

Matrix Spike Dup (2510077-MSD1)					Source: E503028-02		Prepared: 03/05/25 Analyzed: 03/06/25		
Diesel Range Organics (C10-C28)	336	25.0	250	158	71.1	56-156	2.59	20	
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/7/2025 9:56:47AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2510086-BLK1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Chloride	ND	20.0							
LCS (2510086-BS1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2510086-MS1)					Source: E503025-05		Prepared: 03/05/25 Analyzed: 03/05/25		
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2510086-MSD1)					Source: E503025-05		Prepared: 03/05/25 Analyzed: 03/05/25		
Chloride	262	20.0	250	ND	105	80-120	0.100	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:	Cotton Draw Unit 237H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/07/25 09:56

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

W0# 21504414

Chain of Custody

Page 1 of 1

Received by OCD: 3/19/2025 12:24:30 PM

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Page 83 of 156

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Devon				Company: Devon Energy		Lab WO# E503028		Job Number 01058-0007		1D	2D	3D	Std	NM	CO	UT	TX	
Project: Cotton Draw Unit 237H Battery				Address: 5315 Buena Vista Dr									x	x				
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: (575)689-7597														
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dv.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information				Analysis and Method										EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	
12:05	3/3/2025	S	1	FS01 - 0.5'		1						X						
12:51	3/3/2025	S	1	FS02 - 0.5'		2						X						
12:55	3/3/2025	S	1	FS03 - 0.5'		3						X						
13:45	3/3/2025	S	1	FS04 - 0.5'		4						X						
13:48	3/3/2025	S	1	FS05 - 0.5'		5						X						
9:38	3/3/2025	S	1	FS09 - 0.5' SS09 - 0.5' cm		6						X						
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, chamilton@ensolum.com, oaderinto@ensolum.com, bmoir@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Oluwale Aderinto																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4										
Oluwale Aderinto		03/04/25	08:15	Marissa Gonzales		3-4-25	0815											
Marissa Gonzales		3-4-25	1745	John H.		3-4-25	1745											
John H.		3-4-25	2400	Curtis Man		3-5-25	700											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



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WO# 21504414

Chain of Custody

Page 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT				State					
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project: Cotton Draw Unit 237H Battery				Address: 5315 Buena Vista Dr		E503028	01058-0007				x	x					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220													
Address: 3122 National Parks Hwy				Phone: (575)689-7597													
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com													
Phone: 575-988-0055				Miscellaneous: Jim Raley													
Email: agiovengo@ensolum.com																	
Sample Information						Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA
12:05	3/3/2025	S	1	FS01 - 0.5'		1						x					
12:51	3/3/2025	S	1	FS02 - 0.5'		2						x					
12:55	3/3/2025	S	1	FS03 - 0.5'		3						x					
13:45	3/3/2025	S	1	FS04 - 0.5'		4						x					
13:48	3/3/2025	S	1	FS05 - 0.5'		5						x					
9:38	3/3/2025	S	1	TS09 - 0'		6						x					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, oaderinto@ensolum.com, bmoir@ensolum.com																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																	
Sampled by: Oluwale Aderinto																	
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4											
Oluwale Aderinto	03/04/25	08:15	Marissa Gonzales	3-4-25	0815												
Marissa Gonzales	3-4-25	1745	John H.	3-4-25	1745												
John H.	3-4-25	2400	Curtis Man	3-5-25	700												
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																	
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____																	
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	



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Envirotech Analytical Laboratory

Printed: 3/5/2025 9:31:47AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	03/05/25 07:00	Work Order ID:	E503028
Phone:	(505) 382-1211	Date Logged In:	03/04/25 14:47	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	03/11/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit 237H Battery

Work Order: E503028

Job Number: 01058-0007

Received: 3/5/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/11/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/11/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Cotton Draw Unit 237H Battery
Workorder: E503028
Date Received: 3/5/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/5/2025 7:00:00AM, under the Project Name: Cotton Draw Unit 237H Battery.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 237H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/11/25 10:52

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-0.5'	E503028-01A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS02-0.5'	E503028-02A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS03-0.5'	E503028-03A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS04-0.5'	E503028-04A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
FS05-0.5'	E503028-05A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.
SS08-0'	E503028-06A	Soil	03/03/25	03/05/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/11/2025 10:52:09AM

FS01-0.5'

E503028-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	0.468	0.0250	1	03/05/25	03/07/25	
Toluene	0.409	0.0250	1	03/05/25	03/07/25	
o-Xylene	1.19	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	2.73	0.0500	1	03/05/25	03/07/25	
Total Xylenes	3.91	0.0250	1	03/05/25	03/07/25	
<i>Surrogate: Bromofluorobenzene</i>		94.7 %	70-130	03/05/25	03/07/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	03/05/25	03/07/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	120	20.0	1	03/05/25	03/07/25	
<i>Surrogate: Bromofluorobenzene</i>		94.7 %	70-130	03/05/25	03/07/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		96.8 %	70-130	03/05/25	03/07/25	
<i>Surrogate: Toluene-d8</i>		102 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	874	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	386	50.0	1	03/05/25	03/06/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	615	40.0	2	03/05/25	03/05/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/11/2025 10:52:09AM

FS02-0.5'

E503028-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	98.4 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	97.1 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	98.4 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	158	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	82.7	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	98.4 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	934	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/11/2025 10:52:09AM

FS03-0.5'

E503028-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	0.0540	0.0250	1	03/05/25	03/07/25	
Toluene	0.0490	0.0250	1	03/05/25	03/07/25	
o-Xylene	0.147	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	0.303	0.0500	1	03/05/25	03/07/25	
Total Xylenes	0.450	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	03/05/25	03/07/25	
Surrogate: Toluene-d8		97.5 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene		101 %	70-130	03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	03/05/25	03/07/25	
Surrogate: Toluene-d8		97.5 %	70-130	03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	221	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	102	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane		99.0 %	61-141	03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	1380	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/11/2025 10:52:09AM

FS04-0.5'

E503028-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	99.0 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.6 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	99.0 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.6 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	52.0	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	93.9 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	315	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/11/2025 10:52:09AM

FS05-0.5'

E503028-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	ND	0.0250	1	03/05/25	03/07/25	
o-Xylene	0.0270	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	0.0270	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	96.2 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.3 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	96.2 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	94.8 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.3 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	104	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	51.4	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	93.0 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	246	20.0	1	03/05/25	03/05/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/11/2025 10:52:09AM

SS08-0'

E503028-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Benzene	ND	0.0250	1	03/05/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/05/25	03/07/25	
Toluene	0.0560	0.0250	1	03/05/25	03/07/25	
o-Xylene	ND	0.0250	1	03/05/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/05/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.4 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: IY		Batch: 2510081
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/05/25	03/07/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		03/05/25	03/07/25	
Surrogate: 1,2-Dichloroethane-d4	94.4 %	70-130		03/05/25	03/07/25	
Surrogate: Toluene-d8	97.4 %	70-130		03/05/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2510077
Diesel Range Organics (C10-C28)	26.3	25.0	1	03/05/25	03/06/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/05/25	03/06/25	
Surrogate: n-Nonane	99.4 %	61-141		03/05/25	03/06/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510086
Chloride	254	20.0	1	03/05/25	03/05/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/11/2025 10:52:09AM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510081-BLK1)

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2510081-BS1)

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.17	0.0250	2.50		86.9	70-130			
Ethylbenzene	2.20	0.0250	2.50		87.9	70-130			
Toluene	2.14	0.0250	2.50		85.8	70-130			
o-Xylene	2.22	0.0250	2.50		88.6	70-130			
p,m-Xylene	4.37	0.0500	5.00		87.4	70-130			
Total Xylenes	6.59	0.0250	7.50		87.8	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.3	70-130			
Surrogate: Toluene-d8	0.487		0.500		97.4	70-130			

Matrix Spike (2510081-MS1)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.25	0.0250	2.50	ND	89.8	48-131			
Ethylbenzene	2.31	0.0250	2.50	ND	92.4	45-135			
Toluene	2.25	0.0250	2.50	ND	89.9	48-130			
o-Xylene	2.28	0.0250	2.50	ND	91.1	43-135			
p,m-Xylene	4.55	0.0500	5.00	ND	90.9	43-135			
Total Xylenes	6.83	0.0250	7.50	ND	91.0	43-135			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.6	70-130			
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130			

Matrix Spike Dup (2510081-MSD1)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Benzene	2.22	0.0250	2.50	ND	88.6	48-131	1.35	23	
Ethylbenzene	2.22	0.0250	2.50	ND	89.0	45-135	3.82	27	
Toluene	2.16	0.0250	2.50	ND	86.4	48-130	3.97	24	
o-Xylene	2.23	0.0250	2.50	ND	89.0	43-135	2.33	27	
p,m-Xylene	4.43	0.0500	5.00	ND	88.6	43-135	2.57	27	
Total Xylenes	6.66	0.0250	7.50	ND	88.8	43-135	2.49	27	
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.479		0.500		95.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/11/2025 10:52:09AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510081-BLK1)

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.476		0.500		95.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.489		0.500		97.7	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

LCS (2510081-BS2)

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	50.8	20.0	50.0		102	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.503		0.500		101	70-130			

Matrix Spike (2510081-MS2)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	54.2	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500		97.6	70-130			
Surrogate: Toluene-d8	0.502		0.500		100	70-130			

Matrix Spike Dup (2510081-MSD2)

Source: E503025-04

Prepared: 03/05/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130	5.98	20	
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/11/2025 10:52:09AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510077-BLK1)

Prepared: 03/05/25 Analyzed: 03/06/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.8		50.0		93.5	61-141			

LCS (2510077-BS1)

Prepared: 03/05/25 Analyzed: 03/06/25

Diesel Range Organics (C10-C28)	232	25.0	250		92.8	66-144			
Surrogate: n-Nonane	49.9		50.0		99.7	61-141			

Matrix Spike (2510077-MS1)

Source: E503028-02

Prepared: 03/05/25 Analyzed: 03/06/25

Diesel Range Organics (C10-C28)	344	25.0	250	158	74.6	56-156			
Surrogate: n-Nonane	50.0		50.0		100	61-141			

Matrix Spike Dup (2510077-MSD1)

Source: E503028-02

Prepared: 03/05/25 Analyzed: 03/06/25

Diesel Range Organics (C10-C28)	336	25.0	250	158	71.1	56-156	2.59	20	
Surrogate: n-Nonane	49.9		50.0		99.8	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/11/2025 10:52:09AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2510086-BLK1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Chloride	ND	20.0							
LCS (2510086-BS1)					Prepared: 03/05/25 Analyzed: 03/05/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2510086-MS1)					Source: E503025-05		Prepared: 03/05/25 Analyzed: 03/05/25		
Chloride	262	20.0	250	ND	105	80-120			
Matrix Spike Dup (2510086-MSD1)					Source: E503025-05		Prepared: 03/05/25 Analyzed: 03/05/25		
Chloride	262	20.0	250	ND	105	80-120	0.100	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:	Cotton Draw Unit 237H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/11/25 10:52

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

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

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

WO# 21504414

Chain of Custody

Page 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT				State					
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX		
Project: Cotton Draw Unit 237H Battery				Address: 5315 Buena Vista Dr		E503028	01058-0007				x	x					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220													
Address: 3122 National Parks Hwy				Phone: (575)689-7597													
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com													
Phone: 575-988-0055				Miscellaneous: Jim Raley													
Email: agiovengo@ensulum.com																	
Sample Information						Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA
12:05	3/3/2025	S	1	FS01 - 0.5'		1						x					
12:51	3/3/2025	S	1	FS02 - 0.5'		2						x					
12:55	3/3/2025	S	1	FS03 - 0.5'		3						x					
13:45	3/3/2025	S	1	FS04 - 0.5'		4						x					
13:48	3/3/2025	S	1	FS05 - 0.5'		5						x					
9:38	3/3/2025	S	1	TS09 - 0'		6						x					
Additional Instructions: Please CC: cburton@ensulum.com, agiovengo@ensulum.com, jim.raley@dvn.com, iestrella@ensulum.com, chamilton@ensulum.com, oaderinto@ensulum.com, bmoir@ensulum.com																	
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																	
Sampled by: Oluwale Aderinto																	
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____																	
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	



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Envirotech Analytical Laboratory

Printed: 3/5/2025 9:31:47AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	03/05/25 07:00	Work Order ID:	E503028
Phone:	(505) 382-1211	Date Logged In:	03/04/25 14:47	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	03/11/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

WOC# 21504414 Chain of Custody

Page 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project: Cotton Draw Unit 237H Battery				Address: 5315 Buena Vista Dr		E503028	01058-0007				X	X						
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: (575)689-7597														
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@env.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information						Analysis and Method						EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filled	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCLQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	
12:05	3/3/2025	S	1	FS01 - 0.5'		1						X						
12:51	3/3/2025	S	1	FS02 - 0.5'		2						X						
12:55	3/3/2025	S	1	FS03 - 0.5'		3						X						
13:45	3/3/2025	S	1	FS04 - 0.5'		4						X						
13:48	3/3/2025	S	1	FS05 - 0.5'		5						X						
9:38	3/3/2025	S	1	SS08-0' - 0.5' - 0.5' - 0.5'		6						X						
				CM														
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@env.com, lestrella@ensolum.com, chamilton@ensolum.com, oaderinto@ensolum.com, bmoir@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Oluwale Aderinto																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Oluwale Aderinto		3/4/25	08:15	Marissa Gonzales		3-4-25	0815											
Marissa Gonzales		3-4-25	1745	John H.		3.4.25	1745											
John H.		3.4.25	2400	Curt Ma		3-5-25	700											
Sample Matrix: S - Soil, sd - Solid, sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



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Report to:
Ashley Giovengo



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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit 237H Battery

Work Order: E503038

Job Number: 01058-0007

Received: 3/6/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/11/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/11/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit 237H Battery
Workorder: E503038
Date Received: 3/6/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/6/2025 7:30:00AM, under the Project Name: Cotton Draw Unit 237H Battery.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 237H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/11/25 10:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01-3'	E503038-01A	Soil	03/04/25	03/06/25	Glass Jar, 2 oz.
PH02-2'	E503038-02A	Soil	03/04/25	03/06/25	Glass Jar, 2 oz.
PH02-3'	E503038-03A	Soil	03/04/25	03/06/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/11/2025 10:15:04AM

PH01-3'

E503038-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2510098	
Benzene	ND	0.0250	1	03/06/25	03/07/25	
Ethylbenzene	0.0389	0.0250	1	03/06/25	03/07/25	
Toluene	0.176	0.0250	1	03/06/25	03/07/25	
o-Xylene	0.0736	0.0250	1	03/06/25	03/07/25	
p,m-Xylene	0.251	0.0500	1	03/06/25	03/07/25	
Total Xylenes	0.325	0.0250	1	03/06/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		80.0 %	70-130	03/06/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2510098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.5 %	70-130	03/06/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2510102	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/06/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/06/25	03/07/25	
<i>Surrogate: n-Nonane</i>		114 %	61-141	03/06/25	03/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2510100	
Chloride	259	20.0	1	03/06/25	03/06/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/11/2025 10:15:04AM

PH02-2'

E503038-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2510098	
Benzene	ND	0.0250	1	03/06/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/06/25	03/07/25	
Toluene	ND	0.0250	1	03/06/25	03/07/25	
o-Xylene	ND	0.0250	1	03/06/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/06/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/06/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		79.7 %	70-130	03/06/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2510098	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.6 %	70-130	03/06/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2510102	
Diesel Range Organics (C10-C28)	ND	25.0	1	03/06/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/06/25	03/07/25	
<i>Surrogate: n-Nonane</i>		115 %	61-141	03/06/25	03/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2510100	
Chloride	125	20.0	1	03/06/25	03/06/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/11/2025 10:15:04AM

PH02-3'

E503038-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510098
Benzene	ND	0.0250	1	03/06/25	03/07/25	
Ethylbenzene	ND	0.0250	1	03/06/25	03/07/25	
Toluene	ND	0.0250	1	03/06/25	03/07/25	
o-Xylene	ND	0.0250	1	03/06/25	03/07/25	
p,m-Xylene	ND	0.0500	1	03/06/25	03/07/25	
Total Xylenes	ND	0.0250	1	03/06/25	03/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	78.1 %	70-130		03/06/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510098
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/06/25	03/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		03/06/25	03/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2510102
Diesel Range Organics (C10-C28)	ND	25.0	1	03/06/25	03/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/06/25	03/07/25	
<i>Surrogate: n-Nonane</i>						
	112 %	61-141		03/06/25	03/07/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2510100
Chloride	220	20.0	1	03/06/25	03/06/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/11/2025 10:15:04AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510098-BLK1)

Prepared: 03/06/25 Analyzed: 03/06/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.31		8.00		78.8	70-130			

LCS (2510098-BS1)

Prepared: 03/06/25 Analyzed: 03/06/25

Benzene	5.24	0.0250	5.00		105	70-130			
Ethylbenzene	5.00	0.0250	5.00		100	70-130			
Toluene	5.15	0.0250	5.00		103	70-130			
o-Xylene	4.95	0.0250	5.00		99.0	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
Total Xylenes	15.1	0.0250	15.0		101	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.39		8.00		79.9	70-130			

Matrix Spike (2510098-MS1)

Source: E503036-23

Prepared: 03/06/25 Analyzed: 03/06/25

Benzene	4.86	0.0250	5.00	ND	97.3	54-133			
Ethylbenzene	4.64	0.0250	5.00	ND	92.9	61-133			
Toluene	4.79	0.0250	5.00	ND	95.7	61-130			
o-Xylene	4.66	0.0250	5.00	ND	93.2	63-131			
p,m-Xylene	9.43	0.0500	10.0	ND	94.3	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	94.0	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.45		8.00		80.6	70-130			

Matrix Spike Dup (2510098-MSD1)

Source: E503036-23

Prepared: 03/06/25 Analyzed: 03/06/25

Benzene	5.24	0.0250	5.00	ND	105	54-133	7.46	20	
Ethylbenzene	5.00	0.0250	5.00	ND	100	61-133	7.43	20	
Toluene	5.15	0.0250	5.00	ND	103	61-130	7.34	20	
o-Xylene	4.98	0.0250	5.00	ND	99.6	63-131	6.58	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	7.14	20	
Total Xylenes	15.1	0.0250	15.0	ND	101	63-131	6.96	20	
Surrogate: 4-Bromochlorobenzene-PID	6.41		8.00		80.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/11/2025 10:15:04AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510098-BLK1) Prepared: 03/06/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.45		8.00		93.1	70-130			

LCS (2510098-BS2) Prepared: 03/06/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	40.1	20.0	50.0		80.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.8	70-130			

Matrix Spike (2510098-MS2) Source: E503036-23 Prepared: 03/06/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	43.5	20.0	50.0	ND	87.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			

Matrix Spike Dup (2510098-MSD2) Source: E503036-23 Prepared: 03/06/25 Analyzed: 03/06/25

Gasoline Range Organics (C6-C10)	42.3	20.0	50.0	ND	84.7	70-130	2.83	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.61		8.00		95.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/11/2025 10:15:04AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510102-BLK1)					Prepared: 03/06/25 Analyzed: 03/06/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	61-141			

LCS (2510102-BS1)					Prepared: 03/06/25 Analyzed: 03/06/25				
Diesel Range Organics (C10-C28)	250	25.0	250		99.9	66-144			
Surrogate: n-Nonane	52.3		50.0		105	61-141			

Matrix Spike (2510102-MS1)					Source: E503036-22		Prepared: 03/06/25 Analyzed: 03/06/25		
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	56-156			
Surrogate: n-Nonane	53.2		50.0		106	61-141			

Matrix Spike Dup (2510102-MSD1)					Source: E503036-22		Prepared: 03/06/25 Analyzed: 03/06/25		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	56-156	1.05	20	
Surrogate: n-Nonane	52.9		50.0		106	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/11/2025 10:15:04AM

Anions by EPA 300.0/9056A

Analyst: JM

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

Blank (2510100-BLK1)					Prepared: 03/06/25 Analyzed: 03/06/25				
Chloride	ND	20.0							
LCS (2510100-BS1)					Prepared: 03/06/25 Analyzed: 03/06/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2510100-MS1)					Source: E503037-01		Prepared: 03/06/25 Analyzed: 03/06/25		
Chloride	275	20.0	250	21.6	102	80-120			
Matrix Spike Dup (2510100-MSD1)					Source: E503037-01		Prepared: 03/06/25 Analyzed: 03/06/25		
Chloride	276	20.0	250	21.6	102	80-120	0.0309	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:	Cotton Draw Unit 237H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/11/25 10:15

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



envirotech

Envirotech Analytical Laboratory

Printed: 3/6/2025 10:14:18AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	03/06/25 07:30	Work Order ID:	E503038
Phone:	(505) 382-1211	Date Logged In:	03/06/25 08:02	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	03/12/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Cotton Draw Unit 237H Battery

Work Order: E503044

Job Number: 01058-0007

Received: 3/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
3/12/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 3/12/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Cotton Draw Unit 237H Battery
Workorder: E503044
Date Received: 3/7/2025 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/7/2025 7:45:00AM, under the Project Name: Cotton Draw Unit 237H Battery.

The analytical test results summarized in this report with the Project Name: Cotton Draw Unit 237H Battery apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/12/25 13:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS06-0.5'	E503044-01A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
FS07-0.5'	E503044-02A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
FS08-0.5'	E503044-03A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
FS09-0.5'	E503044-04A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
SS05-0'	E503044-05A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
SS06-0'	E503044-06A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.
SS07-0'	E503044-07A	Soil	03/05/25	03/07/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/12/2025 1:11:54PM

FS06-0.5'

E503044-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2510108	
Benzene	ND	0.0250	1	03/07/25	03/10/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/10/25	
Toluene	ND	0.0250	1	03/07/25	03/10/25	
o-Xylene	ND	0.0250	1	03/07/25	03/10/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/10/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		84.4 %	70-130	03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2510108	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.7 %	70-130	03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2510105	
Diesel Range Organics (C10-C28)	181	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	71.2	50.0	1	03/07/25	03/08/25	
<i>Surrogate: n-Nonane</i>		112 %	61-141	03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2510112	
Chloride	296	20.0	1	03/07/25	03/07/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/12/2025 1:11:54PM

FS07-0.5'

E503044-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510108
Benzene	0.0338	0.0250	1	03/07/25	03/10/25	
Ethylbenzene	0.103	0.0250	1	03/07/25	03/10/25	
Toluene	0.397	0.0250	1	03/07/25	03/10/25	
o-Xylene	0.224	0.0250	1	03/07/25	03/10/25	
p,m-Xylene	0.609	0.0500	1	03/07/25	03/10/25	
Total Xylenes	0.833	0.0250	1	03/07/25	03/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.2 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510108
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.6 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2510105
Diesel Range Organics (C10-C28)	234	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	69.6	50.0	1	03/07/25	03/08/25	
<i>Surrogate: n-Nonane</i>						
	112 %	61-141		03/07/25	03/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510112
Chloride	306	20.0	1	03/07/25	03/07/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/12/2025 1:11:54PM

FS08-0.5'

E503044-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2510108	
Benzene	ND	0.0250	1	03/07/25	03/10/25	
Ethylbenzene	0.0504	0.0250	1	03/07/25	03/10/25	
Toluene	ND	0.0250	1	03/07/25	03/10/25	
o-Xylene	0.138	0.0250	1	03/07/25	03/10/25	
p,m-Xylene	0.306	0.0500	1	03/07/25	03/10/25	
Total Xylenes	0.444	0.0250	1	03/07/25	03/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.8 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2510108	
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	94.9 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: AF		Batch: 2510105	
Diesel Range Organics (C10-C28)	352	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	118	50.0	1	03/07/25	03/08/25	
<i>Surrogate: n-Nonane</i>	114 %	61-141		03/07/25	03/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2510112	
Chloride	712	20.0	1	03/07/25	03/07/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/12/2025 1:11:54PM

FS09-0.5'

E503044-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510108
Benzene	ND	0.0250	1	03/07/25	03/10/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/10/25	
Toluene	ND	0.0250	1	03/07/25	03/10/25	
o-Xylene	ND	0.0250	1	03/07/25	03/10/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/10/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	84.6 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510108
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2510105
Diesel Range Organics (C10-C28)	157	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	59.2	50.0	1	03/07/25	03/08/25	
<i>Surrogate: n-Nonane</i>						
	115 %	61-141		03/07/25	03/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510112
Chloride	290	20.0	1	03/07/25	03/07/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/12/2025 1:11:54PM

SS05-0'

E503044-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510108
Benzene	ND	0.0250	1	03/07/25	03/10/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/10/25	
Toluene	ND	0.0250	1	03/07/25	03/10/25	
o-Xylene	ND	0.0250	1	03/07/25	03/10/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/10/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.4 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510108
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.1 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2510105
Diesel Range Organics (C10-C28)	645	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	262	50.0	1	03/07/25	03/08/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		03/07/25	03/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510112
Chloride	987	20.0	1	03/07/25	03/08/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/12/2025 1:11:54PM

SS06-0'

E503044-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510108
Benzene	ND	0.0250	1	03/07/25	03/10/25	
Ethylbenzene	0.0428	0.0250	1	03/07/25	03/10/25	
Toluene	0.0305	0.0250	1	03/07/25	03/10/25	
o-Xylene	0.129	0.0250	1	03/07/25	03/10/25	
p,m-Xylene	0.331	0.0500	1	03/07/25	03/10/25	
Total Xylenes	0.460	0.0250	1	03/07/25	03/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	73.5 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510108
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.6 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2510105
Diesel Range Organics (C10-C28)	647	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	272	50.0	1	03/07/25	03/08/25	
<i>Surrogate: n-Nonane</i>						
	112 %	61-141		03/07/25	03/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510112
Chloride	476	20.0	1	03/07/25	03/08/25	



Sample Data

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

Project Name: Cotton Draw Unit 237H Battery
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
3/12/2025 1:11:54PM

SS07-0'

E503044-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510108
Benzene	ND	0.0250	1	03/07/25	03/10/25	
Ethylbenzene	ND	0.0250	1	03/07/25	03/10/25	
Toluene	ND	0.0250	1	03/07/25	03/10/25	
o-Xylene	ND	0.0250	1	03/07/25	03/10/25	
p,m-Xylene	ND	0.0500	1	03/07/25	03/10/25	
Total Xylenes	ND	0.0250	1	03/07/25	03/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.9 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2510108
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/07/25	03/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		03/07/25	03/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: AF		Batch: 2510105
Diesel Range Organics (C10-C28)	ND	25.0	1	03/07/25	03/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	03/07/25	03/08/25	
<i>Surrogate: n-Nonane</i>						
	107 %	61-141		03/07/25	03/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2510112
Chloride	4520	40.0	2	03/07/25	03/08/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 1:11:54PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510108-BLK1)

Prepared: 03/07/25 Analyzed: 03/08/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.12		8.00		76.5	70-130			

LCS (2510108-BS1)

Prepared: 03/07/25 Analyzed: 03/08/25

Benzene	4.51	0.0250	5.00		90.2	70-130			
Ethylbenzene	4.32	0.0250	5.00		86.3	70-130			
Toluene	4.44	0.0250	5.00		88.9	70-130			
o-Xylene	4.28	0.0250	5.00		85.6	70-130			
p,m-Xylene	8.79	0.0500	10.0		87.9	70-130			
Total Xylenes	13.1	0.0250	15.0		87.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.09		8.00		76.2	70-130			

Matrix Spike (2510108-MS1)

Source: E503044-06

Prepared: 03/07/25 Analyzed: 03/10/25

Benzene	5.14	0.0250	5.00	ND	103	54-133			
Ethylbenzene	4.97	0.0250	5.00	0.0428	98.5	61-133			
Toluene	5.09	0.0250	5.00	0.0305	101	61-130			
o-Xylene	4.98	0.0250	5.00	0.129	97.1	63-131			
p,m-Xylene	10.2	0.0500	10.0	0.331	98.9	63-131			
Total Xylenes	15.2	0.0250	15.0	0.460	98.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.97		8.00		87.1	70-130			

Matrix Spike Dup (2510108-MSD1)

Source: E503044-06

Prepared: 03/07/25 Analyzed: 03/10/25

Benzene	4.68	0.0250	5.00	ND	93.7	54-133	9.28	20	
Ethylbenzene	4.55	0.0250	5.00	0.0428	90.2	61-133	8.68	20	
Toluene	4.65	0.0250	5.00	0.0305	92.4	61-130	8.98	20	
o-Xylene	4.64	0.0250	5.00	0.129	90.2	63-131	7.14	20	
p,m-Xylene	9.47	0.0500	10.0	0.331	91.4	63-131	7.63	20	
Total Xylenes	14.1	0.0250	15.0	0.460	91.0	63-131	7.47	20	
Surrogate: 4-Bromochlorobenzene-PID	6.99		8.00		87.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 1:11:54PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510108-BLK1) Prepared: 03/07/25 Analyzed: 03/08/25

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

LCS (2510108-BS2) Prepared: 03/07/25 Analyzed: 03/10/25

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.3	70-130			

Matrix Spike (2510108-MS2) Source: E503044-06 Prepared: 03/07/25 Analyzed: 03/10/25

Gasoline Range Organics (C6-C10)	50.0	20.0	50.0	ND	99.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2510108-MSD2) Source: E503044-06 Prepared: 03/07/25 Analyzed: 03/10/25

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.7	70-130	1.26	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00		94.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 1:11:54PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AF

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2510105-BLK1)					Prepared: 03/07/25 Analyzed: 03/07/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.7		50.0		105	61-141			

LCS (2510105-BS1)					Prepared: 03/07/25 Analyzed: 03/07/25				
Diesel Range Organics (C10-C28)	250	25.0	250		99.9	66-144			
Surrogate: n-Nonane	53.1		50.0		106	61-141			

Matrix Spike (2510105-MS1)					Source: E503043-02		Prepared: 03/07/25 Analyzed: 03/07/25		
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	55.8		50.0		112	61-141			

Matrix Spike Dup (2510105-MSD1)					Source: E503043-02		Prepared: 03/07/25 Analyzed: 03/07/25		
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	56-156	2.30	20	
Surrogate: n-Nonane	54.9		50.0		110	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Cotton Draw Unit 237H Battery	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/12/2025 1:11:54PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2510112-BLK1)					Prepared: 03/07/25 Analyzed: 03/07/25				
Chloride	ND	20.0							
LCS (2510112-BS1)					Prepared: 03/07/25 Analyzed: 03/07/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2510112-MS1)					Source: E503044-04		Prepared: 03/07/25 Analyzed: 03/07/25		
Chloride	539	20.0	250	290	99.8	80-120			
Matrix Spike Dup (2510112-MSD1)					Source: E503044-04		Prepared: 03/07/25 Analyzed: 03/07/25		
Chloride	528	20.0	250	290	95.1	80-120	2.22	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:	Cotton Draw Unit 237H Battery	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/12/25 13:11

- 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 1 of 1

Client Information				Invoice Information		Lab Use Only		TAT				State						
Client: Devon				Company: Devon Energy		Lab WO# E503044		Job Number 01058007		1D	2D	3D	Std	NM	CO	UT	TX	
Project: Cotton Draw Unit 237H Battery				Address: 5315 Buena Vista Dr										X				
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: (575)689-7597														
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information										Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA
9:04	3/5/2025	S	1	FS06 - 0.5'			1						X					
9:11	3/5/2025	S	1	FS07 - 0.5'			2						X					
9:16	3/5/2025	S	1	FS08 - 0.5'			3						X					
9:13	3/5/2025	S	1	FS09 - 0.5'			4						X					
10:13	3/5/2025	S	1	SS05 - 0'			5						X					
10:15	3/5/2025	S	1	SS06 - 0'			6						X					
10:17	3/5/2025	S	1	SS07 - 0'			7						X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, oaderinto@ensolum.com, bmoir@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Oluwale Aderinto																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: (Y) / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4										
Oluwale Aderinto		03/06/25	08:15	Marissa Gonzales		3-6-25	08:15											
Marissa Gonzales		3-6-25	1400	[Signature]		3-6-25	1645											
[Signature]		3-6-25	2200	Cathy Ma		3/7/25	745											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



envirotech

Envirotech Analytical Laboratory

Printed: 3/7/2025 8:19:12AM

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:	03/07/25 07:45	Work Order ID:	E503044
Phone:	(505) 382-1211	Date Logged In:	03/06/25 15:51	Logged In By:	Noe Soto
Email:	agiovento@ensolum.com	Due Date:	03/13/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



APPENDIX E

NMOCD Correspondence

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 435778

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435778
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2503436256
Incident Name	NAPP2503436256 COTTON DRAW UNIT 237H BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2122944749] COTTON DRAW UNIT 237H BATTERY

Location of Release Source	
Site Name	COTTON DRAW UNIT 237H BATTERY
Date Release Discovered	01/29/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,780
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/03/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please Contact Oluwale Aderinto @ 505-617-1363
Please provide any information necessary for navigation to sampling site	32.138296, -103.6683398

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 435778

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435778
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/26/2025

Sante Fe Main Office
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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 435785

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435785
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2503436256
Incident Name	NAPP2503436256 COTTON DRAW UNIT 237H BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2122944749] COTTON DRAW UNIT 237H BATTERY

Location of Release Source	
Site Name	COTTON DRAW UNIT 237H BATTERY
Date Release Discovered	01/29/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,780
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/04/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please Contact Oluwale Aderinto at 505-617-1363
Please provide any information necessary for navigation to sampling site	32.138296, -103.6683398

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

CONDITIONS

Action 435785

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435785
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/26/2025

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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 435789

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435789
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2503436256
Incident Name	NAPP2503436256 COTTON DRAW UNIT 237H BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2122944749] COTTON DRAW UNIT 237H BATTERY

Location of Release Source	
Site Name	COTTON DRAW UNIT 237H BATTERY
Date Release Discovered	01/29/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,780
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/05/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please Contact Oluwale Aderinto at 505-617-1363
Please provide any information necessary for navigation to sampling site	32.138296, -103.6683398

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

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

CONDITIONS

Action 435789

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435789
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/26/2025

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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 435791

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435791
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2503436256
Incident Name	NAPP2503436256 COTTON DRAW UNIT 237H BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2122944749] COTTON DRAW UNIT 237H BATTERY

Location of Release Source	
Site Name	COTTON DRAW UNIT 237H BATTERY
Date Release Discovered	01/29/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,780
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/06/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please Contact Oluwale Aderinto at 505-617-1363
Please provide any information necessary for navigation to sampling site	32.138296, -103.6683398

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

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 435791

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 435791
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/26/2025

Sante Fe Main Office
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General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 438594

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 438594
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2503436256
Incident Name	NAPP2503436256 COTTON DRAW UNIT 237H BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2122944749] COTTON DRAW UNIT 237H BATTERY

Location of Release Source	
Site Name	COTTON DRAW UNIT 237H BATTERY
Date Release Discovered	01/29/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,780
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/06/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Oluwale Aderinto @ 505-617-1363
Please provide any information necessary for navigation to sampling site	32.138296, -103.6683398

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 438594

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 438594
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/4/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 438595

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 438595
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2503436256
Incident Name	NAPP2503436256 COTTON DRAW UNIT 237H BATTERY @ 0
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2122944749] COTTON DRAW UNIT 237H BATTERY

Location of Release Source	
Site Name	COTTON DRAW UNIT 237H BATTERY
Date Release Discovered	01/29/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,780
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/07/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Oluwale Aderinto @ 505-617-1363
Please provide any information necessary for navigation to sampling site	32.138296, -103.6683398

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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 438595

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 438595
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/4/2025

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QUESTIONS

Action 443901

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443901
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2503436256
Incident Name	NAPP2503436256 COTTON DRAW UNIT 237H BATTERY @ 0
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2122944749] COTTON DRAW UNIT 237H BATTERY

Location of Release Source

Please answer all the questions in this group.

Site Name	COTTON DRAW UNIT 237H BATTERY
Date Release Discovered	01/29/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

Incident Type	Oil 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	Cause: Human Error Tank (Any) Crude Oil Released: 10 BBL Recovered: 0 BBL Lost: 10 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
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)	Breather valve was left cracked on oil loadout. This allowed oil to be released to pad surface, just in front of tank battery.

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QUESTIONS, Page 2

Action 443901

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443901
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 03/19/2025
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QUESTIONS, Page 3

Action 443901

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443901
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	4520
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	71680
GRO+DRO (EPA SW-846 Method 8015M)	53680
BTEX (EPA SW-846 Method 8021B or 8260B)	466
Benzene (EPA SW-846 Method 8021B or 8260B)	93
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	03/03/2025
On what date will (or did) the final sampling or liner inspection occur	03/05/2025
On what date will (or was) the remediation complete(d)	03/05/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1780
What is the estimated volume (in cubic yards) that will be remediated	40
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 443901

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443901
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [JEG1635837366]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 03/19/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 443901

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443901
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 443901

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	443901
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	438595
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/07/2025
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	1780

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1780
What was the total volume (cubic yards) remediated	40
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	The release was on an active well pad, the entirety of the release remained on-pad, and the release was cleaned up in accordance with the Site Closure Criteria.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 03/19/2025

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Action 443901

QUESTIONS (continued)

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	Action Number: 443901
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 443901

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 443901
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved. For future releases at this site, the minimum distances to the following should be updated under the Site Characterization portion of the C-141 application: any playa lake (1-5 miles) and a 100-year floodplain (1-5 miles to SW).	4/23/2025