



October 28, 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
Boundary Raider 6 7 Federal Com #213H
Incident Number nAPP2516018968
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, delineation, excavation, and soil sampling activities at the Boundary Raider 6 7 Federal Com #213H (Site). The purpose of the Site assessment, delineation, excavation, and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water onto the well pad. Based on field observations, field screening activities, and soil sample laboratory analytical results, Devon is submitting this *Closure Request*, describing Site assessment, delineation, and excavation activities that have occurred and requesting no further action for Incident Number nAPP2516018968.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit C, Section 06, Township 23 South, Range 32 East, in Lea County, New Mexico (32.339223°, -103.714976°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On June 7, 2025, a stuffing box failed, resulting in the release of approximately 7 barrels (bbls) of produced water onto the caliche pad. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 4 bbls of produced water were recovered from the pad surface. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Notification of Release (NOR) and Release Notification Form C-141 (Form C-141) on June 9, 2025. The release was assigned Incident Number nAPP2516018968. The Form C-141 can be referenced on the NMOCD Portal.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-04936, located approximately 447 feet northwest of the Site. The well

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was drilled to assess depth to water, which was a dry boring drilled to a total depth of 55 feet below ground surface (bgs). Additionally, well C-04951 is located approximately 757 feet southeast of the Site. The well was drilled to assess depth to water, which was a dry boring drilled to a total depth of 110 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 records are included in Appendix A.

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

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

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

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On June 10, 2025, through July 22, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Eleven delineation soil samples (SS01 through SS11) were collected around the release extent at ground surface and 1-foot bgs to assess the lateral extent of the impacted area. Three boreholes/potholes (BH01/PH01 through BH03/PH03) were advanced via hand auger within the release extent to assess the vertical extent of impacted soil. Six boreholes/potholes (BH04/PH04 through PH09) were advanced via hand auger or backhoe around the release extent to further confirm the lateral extent of impacted soil. The boreholes/potholes were advanced to depths ranging from 2 feet to 8 feet bgs. Delineation soil samples were collected from each borehole/pothole at depths ranging from the ground surface to 8 feet bgs. The delineation soil samples were field screened for chloride and TPH utilizing Hach® chloride QuanTab® test strips and a PetroFLAG® Soil Analyzer System, respectively. The release extent and delineation soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographs of field activities are included in Appendix B. Field screening results and observations for the boreholes/potholes 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.

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While on-site, Ensolum personnel encountered a historical spill. Incident nAPP2426430668 was a 13-bbl release of crude oil that occurred on September 19, 2024. Remediation activities were completed at the Site, and a *Closure Request* was submitted to the NMOCD on August 5, 2025. The NMOCD approved the *Closure Request* on September 22, 2025. In order to achieve lateral delineation to strictest Closure Criteria, samples needed to be moved further out from the September 2024 release extent to the north, west and south.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples SS01, SS02, SS06, and SS08 through SS11 indicated all COC concentrations were compliant with the strictest Closure Criteria. Laboratory analytical results for delineation samples SS03 through SS05 and SS07 indicated all COC concentrations were compliant with the Site Closure Criteria; however, TPH or chloride concentrations exceeded the strictest Closure Criteria at the ground surface and/or 1-foot bgs. These sample points were stepped out laterally and delineation soil samples SS03A through SS05A and SS07B indicated all COC concentrations were compliant with the strictest Closure Criteria and confirmed the lateral extent of impacted soil.

Laboratory analytical results for boreholes/potholes BH01/PH01, BH02/PH02, and BH04/PH04 indicated TPH-GRO/DRO and TPH concentrations exceeded the Site Closure at the ground surface. Laboratory analytical results for boreholes/potholes BH03/PH03 and BH05/PH05 through PH09 indicated all COC concentrations were compliant with the Site Closure Criteria.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

On September 4, 2025, through October 1, 2025, impacted soil was excavated from the release area as indicated by visible staining and delineation soil sampling results. Excavation activities were performed using a hydro-vac, backhoe, hand digging, and dump trucks. The excavation occurred around the wellheads and pumpjacks. To direct excavation activities, Ensolum personnel screened soil for chloride and for TPH.

Following removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing at most, 200 square feet from the floor and sidewalls of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS09 were collected from the floor of the excavation at depths ranging from 0.25 feet to 2.5 feet bgs. Composite sidewall soil samples SW01 through SW03 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 2 feet bgs. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 3.

The final excavation extent measured approximately 1,706 square feet. A total of approximately 150 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 excavation floor soil samples FS01 through FS09, collected from the final excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results for sidewall soil samples SW01 through SW03 indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results are

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summarized in Tables 1 through 3 and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

Site assessment, delineation, and excavation activities were conducted at the Site to address the June 2025 release of produced water. Laboratory analytical results for all excavation confirmation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with Site Closure Criteria.

Excavation of impacted soil has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be greater than 110 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 nAPP2516018968.

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

Sincerely,
Ensolum, LLC

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

Cole Burton
Project Manager

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

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

cc: Jim Raley, Devon
BLM

Appendices:

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



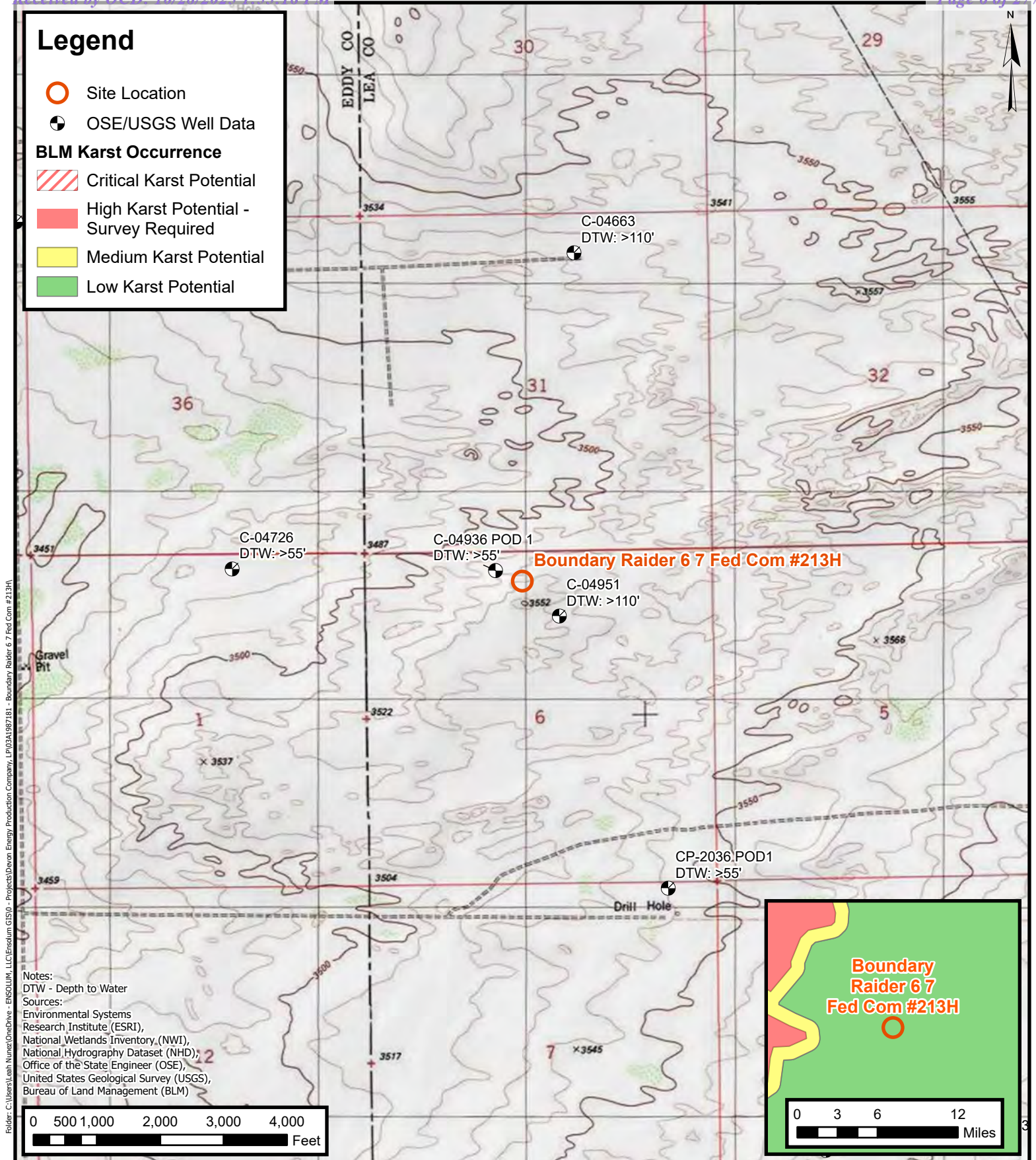
FIGURES

Legend

- Site Location
- OSE/USGS Well Data

BLM Karst Occurrence

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



Site Receptor Map

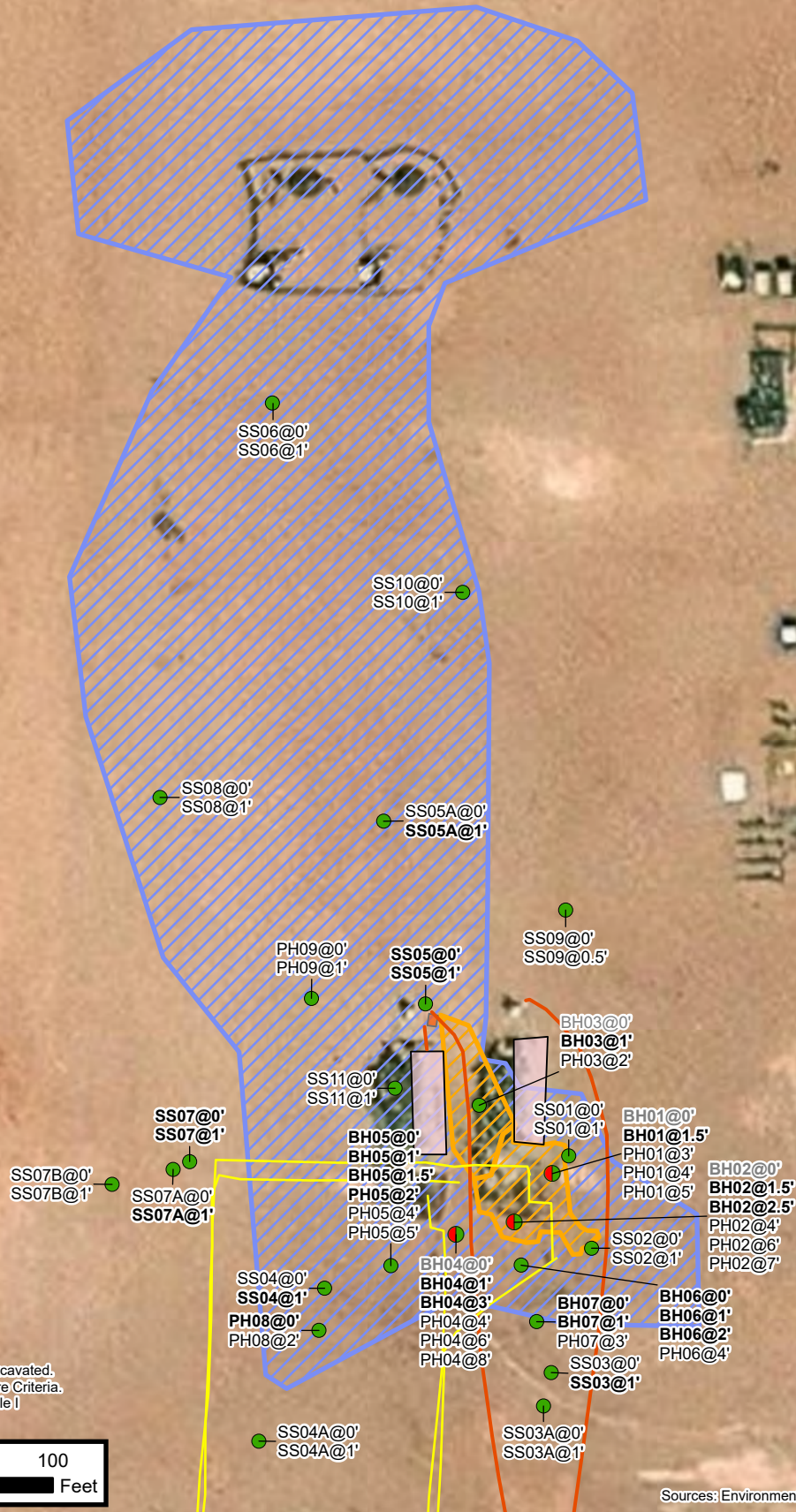
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FIGURE

1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Electrical
- Infrastructure
- Release Extent
- Release Extent - Incident
- nAPP2426430668



Sources: Environmental Systems Research Institute (ESRI)

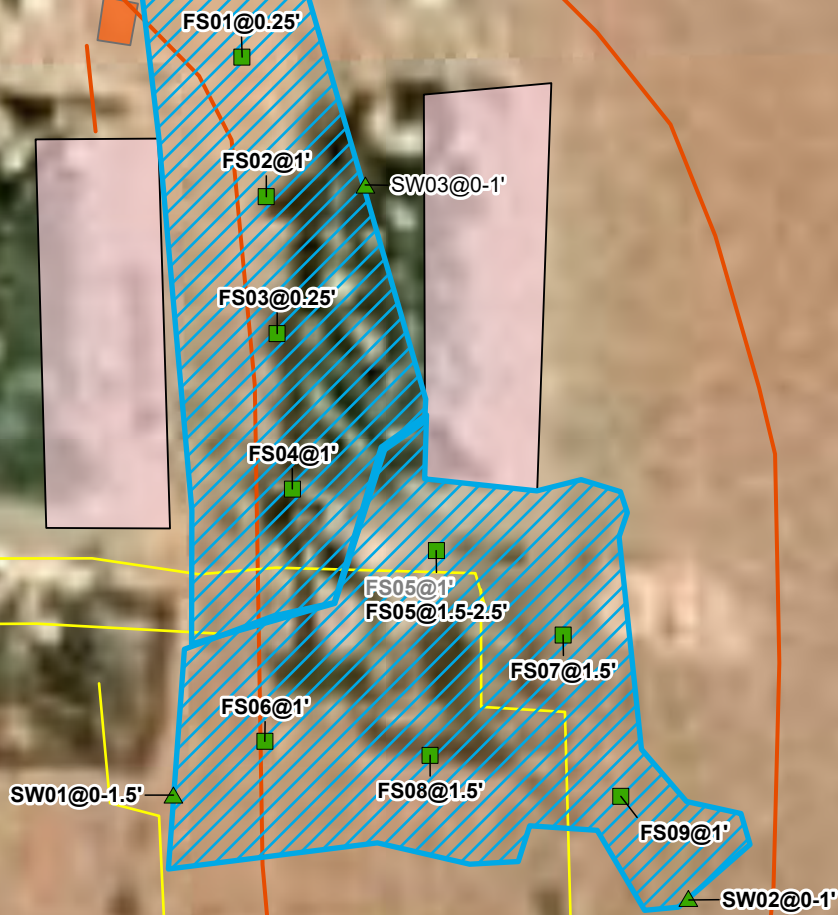
Delineation Soil Sample Locations

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FIGURE**2**

Legend

- Confirmation Floor Soil Sample in Compliance with Closure Criteria
- ▲ Confirmation Sidewall Soil Sample in Compliance with Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Electrical
- Infrastructure
- ▨ Excavation Extent



Confirmation Soil Sample Locations

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FIGURE

3





TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Boundary Raider 6 7 Federal Com #213H Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	6/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	65.5
SS01	6/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	252
SS02	6/10/2025	0	<0.0250	<0.0500	<20.0	38.4	<50.0	38.4	38.4	279
SS02	6/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	130
SS03	6/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03	6/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,100
SS03A	6/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS03A	6/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	6/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	431
SS04	6/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,350
SS04A	6/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04A	6/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	119
SS05	6/10/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	861
SS05	6/10/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,240
SS05A	6/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	159
SS05A	6/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,170
SS06	6/24/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06	6/24/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07	6/25/2025	0	<0.0250	<0.0500	<20.0	29.2	81.0	29.2	110.2	32.2
SS07	6/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	654
SS07A	6/25/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS07A	6/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	668
SS07B	10/7/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	32.6
SS07B	10/7/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	64.5
SS08	7/1/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS08	7/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	35.1
SS09	6/25/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	325
SS09	6/25/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	343
SS10	6/25/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	48.7
SS10	6/25/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	47.7



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Boundary Raider 6 7 Federal Com #213H
 Devon Energy Production Company, LP
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS11	7/1/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	81.5
SS11	7/1/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	66.4
BH01	6/13/2025	0	<0.0250	0.9462	<20.0	7,850	5,480	7,850	13,330	3,450
BH01	6/13/2025	1.5	<0.0250	<0.0500	<20.0	107	90.1	107	197	2,750
PH01	7/21/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	402
PH01	7/21/2025	4	<0.0250	<0.0500	<20.0	26.4	<50.0	26.4	26.4	478
PH01	7/21/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	442
BH02	6/13/2025	0	3.79	119.69	827	19,000	8,210	19,827	28,037	2,300
BH02	6/13/2025	1.5	<0.0250	0.8424	<20.0	862	420	862	1,282	2,230
BH02	6/13/2025	2.5	<0.0250	<0.0500	<20.0	302	167	302	469	1,970
PH02	7/22/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,250
PH02	7/22/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,610
PH02	7/22/2025	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	286
BH03	6/13/2025	0	<0.0250	<0.0500	<20.0	<25.0	57.5	<25.0	57.5	964
BH03	6/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	53.0	<25.0	53.0	2,570
PH03	7/21/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	76.3
BH04	6/13/2025	0	<0.0250	0.1798	<20.0	2,480	1,020	2,480	3,500	266
BH04	6/13/2025	1	<0.0250	<0.0500	<20.0	467	235	467	702	1,030
BH04	6/13/2025	3	<0.0250	<0.0500	<20.0	61.1	62.0	61.1	123.1	1,270
PH04	7/22/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,050
PH04	7/22/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	798
PH04	7/22/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	305
BH05	6/17/2025	0	<0.0250	<0.0500	<20.0	28.8	<50.0	28.8	28.8	6,340
BH05	6/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,030
BH05	6/17/2025	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,110
PH05	7/22/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,480
PH05	7/22/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	974
PH05	7/22/2025	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	722



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Boundary Raider 6 7 Federal Com #213H Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
BH06	6/17/2025	0	<0.0250	<0.0500	<20.0	68.6	<50.0	68.6	68.6	5,310
BH06	6/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,260
BH06	6/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,150
PH06	7/21/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	464
BH07	6/17/2025	0	<0.0250	<0.0500	<20.0	92.1	<50.0	92.1	92.1	4,390
BH07	6/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,110
PH07	7/21/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	34.8
PH08	7/22/2025	0	<0.0250	0.150	<20.0	325	238	325	563	9,770
PH08	7/22/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	268
PH09	7/22/2025	0	<0.0250	<0.0500	<20.0	52.4	<50.0	52.4	52.4	395
PH09	7/22/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	223

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Red text represents samples that exceed Closure Criteria

<": Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS Boundary Raider 6 7 Federal Com #213H Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Confirmation Soil Samples										
FS01	9/5/2025	0.25	<0.0250	<0.0500	<20.0	94.8	75.2	94.8	170.0	163
FS02	9/12/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	770
FS03	9/5/2025	0.25	<0.0250	<0.0500	<20.0	247	224	247	471	1,140
FS04	9/12/2025	1	<0.0250	<0.0500	<20.0	649	356	649	1,005	1,560
FS05	9/5/2025	1	<0.0250	<0.0500	<20.0	1,200	1,440	1,200	2,640	7,610
FS05	10/1/2025	1.5-2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	6,430
FS06	9/12/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,190
FS07	9/12/2025	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,790
FS08	9/12/2025	1.5	<0.0250	<0.0500	<20.0	25.6	<50.0	25.6	25.6	3,230
FS09	9/5/2025	1	<0.0250	<0.0500	<20.0	77.8	55.3	77.8	133.1	10,400

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Red text represents samples that exceed Closure Criteria

<": Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS Boundary Raider 6 7 Federal Com #213H Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Reclamation Requirement (NMAC 19.15.29.13.D)			10	50	NE	NE	NE	NE	100	600
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Sidewall Soil Samples										
SW01	9/12/2025	0-1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,040
SW02	9/5/2025	0-1	<0.0250	<0.0500	<20.0	46.8	<50.0	46.8	46.8	2,180
SW03	9/12/2025	0-1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	189

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

Red text represents samples that exceed Closure Criteria

<": Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



APPENDIX A

Well Records and Logs



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		WELL TAG ID NO.		OSE FILE NO(S) C-04936		
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-885-7541		
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr.				CITY Carlsbad	STATE NM	
					ZIP 88220		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 20	SECONDS 22.88	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
	LONGITUDE 103	42	58.77	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE U/L C S-6 T-23S R-32E							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley		NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 2/25/25	DRILLING ENDED 2/25/25	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) Dry		
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) DRY	DATE STATIC MEASURED 3/3/25	
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
	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)
				No casing left in hole			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE- RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT	
				N/A			

FOR OSE INTERNAL USE

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

FILE NO. C-04936	POD NO. 1	TRN NO. 778160
LOCATION 23S. 32E. 06. 221	WELL TAG ID NO. —	PAGE 1 OF 2

[illegible]

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. C-04936	POD NO. 1	TRN NO. 778160	
LOCATION 235.32E.06.221		WELL TAG ID NO. —	PAGE 2 OF 2

Elizabeth K. Anderson, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 778160
File Nbr: C 04936
Well File Nbr: C 04936 POD1

Mar. 19, 2025

JAMES HAWLEY
H&R ENTERPRISES LLC
P.O. BOX 3641
HOBBS, NM 88241

Greetings:

The above numbered permit was issued in your name on 02/11/2025.

The Well Record was received in this office on 03/06/2025, stating that it had been completed on 02/25/2025, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 02/11/2026.

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Rodolfo Chavez".

Rodolfo Chavez
(575) 622-6521

drywell



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1		WELL TAG ID NO. N/A		OSE FILE NO(S) C-4951			
	WELL OWNER NAME(S) Devon Energy Production Company, LP				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 5315 Buena Vista Dr.				CITY Carlsbad	STATE NM	ZIP 88220	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 20	SECONDS 15.68 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Unit 1, Section 06, T 23S, R 32E								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD1188		NAME OF LICENSED DRILLER John Scarborough			NAME OF WELL DRILLING COMPANY John Scarborough Drilling, Inc		
	DRILLING STARTED 4/24/2025	DRILLING ENDED 4/24/2025	DEPTH OF COMPLETED WELL (FT) 110	BORE HOLE DEPTH (FT) ±110	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		DATE STATIC MEASURED 4/29/2025	
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:				CHECK HERE IF PITLESS ADAPTER IS ☐ INSTALLED			
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:							
	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)	SLOT SIZE (inches)
	0 110		5.00	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
				N/A				

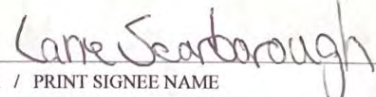
FOR OSE INTERNAL USE

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

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

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	10	10	Sand, light to medium brown, fine to coarse grained	Y ✓ N	
	10	20	10	Sand, light to medium brown, fine to coarse grained	Y ✓ N	
	20	30	10	Sand, light to medium brown, fine to coarse grained	Y ✓ N	
	30	40	10	Sand, light to medium brown, fine to medium grained	Y ✓ N	
	40	50	10	Sand, light to medium brown, fine to medium grained	Y ✓ N	
	50	60	10	Clay, red to medium brown, very fine grained	Y ✓ N	
	60	70	10	Clay, red to medium brown, very fine grained	Y ✓ N	
	70	80	10	Sandstone, red to medium brown, fine to coarse grained	Y ✓ N	
	80	90	10	Sandstone, red to medium brown, fine to coarse grained	Y ✓ N	
	90	100	10	Sandstone, red to medium brown, fine to coarse grained	Y ✓ N	
	100	110	10	Sandstone, red to medium brown, fine to coarse grained	Y ✓ N	
	110	110	0	Sandstone, red to medium brown, fine to coarse grained	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Scott Scarborough	

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

FOR OSE INTERNAL USE

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

FILE NO.

POD NO.

TRN NO.

LOCATION

WELL TAG ID NO.

PAGE 2 OF 2

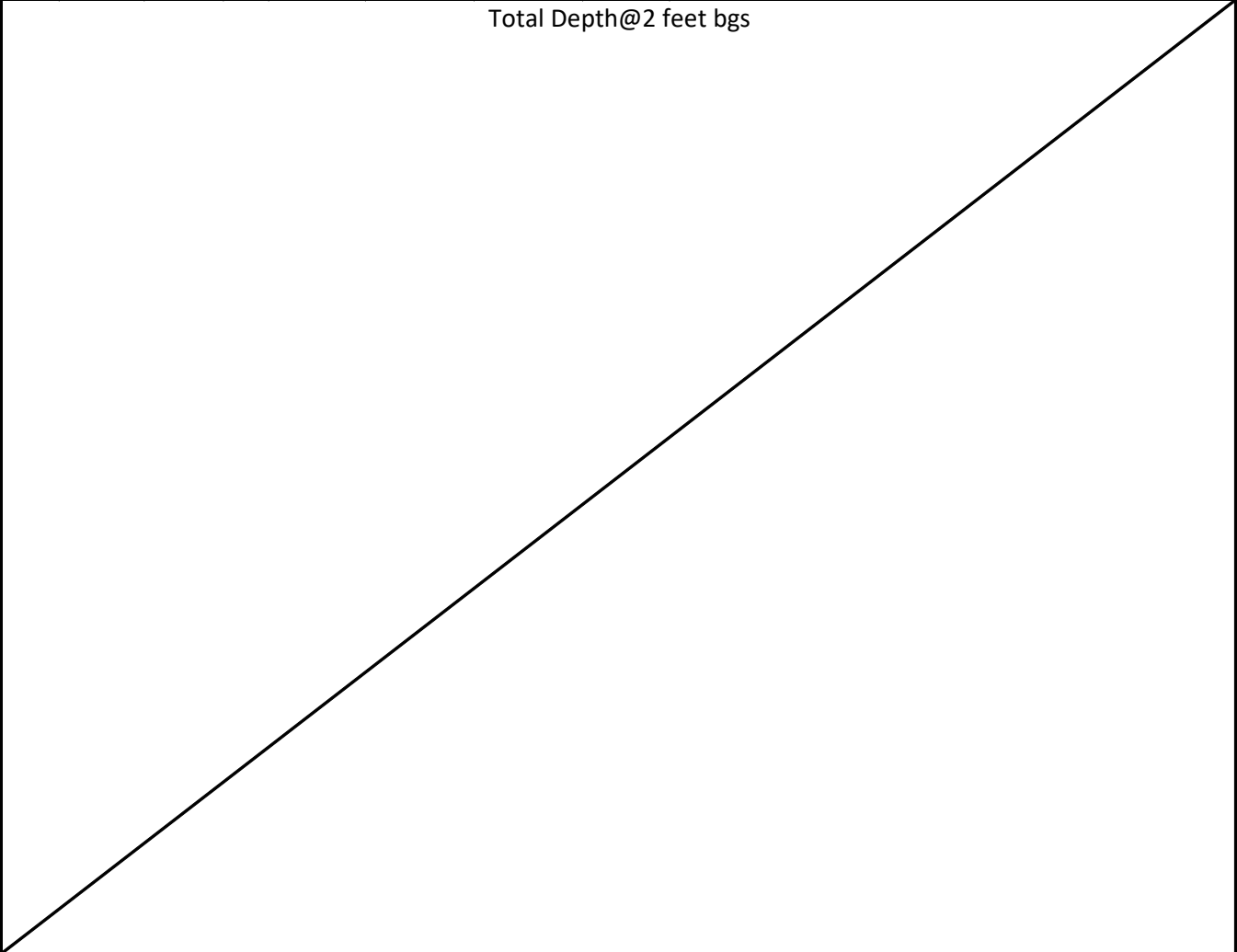


APPENDIX B

Lithologic Soil Sampling Logs

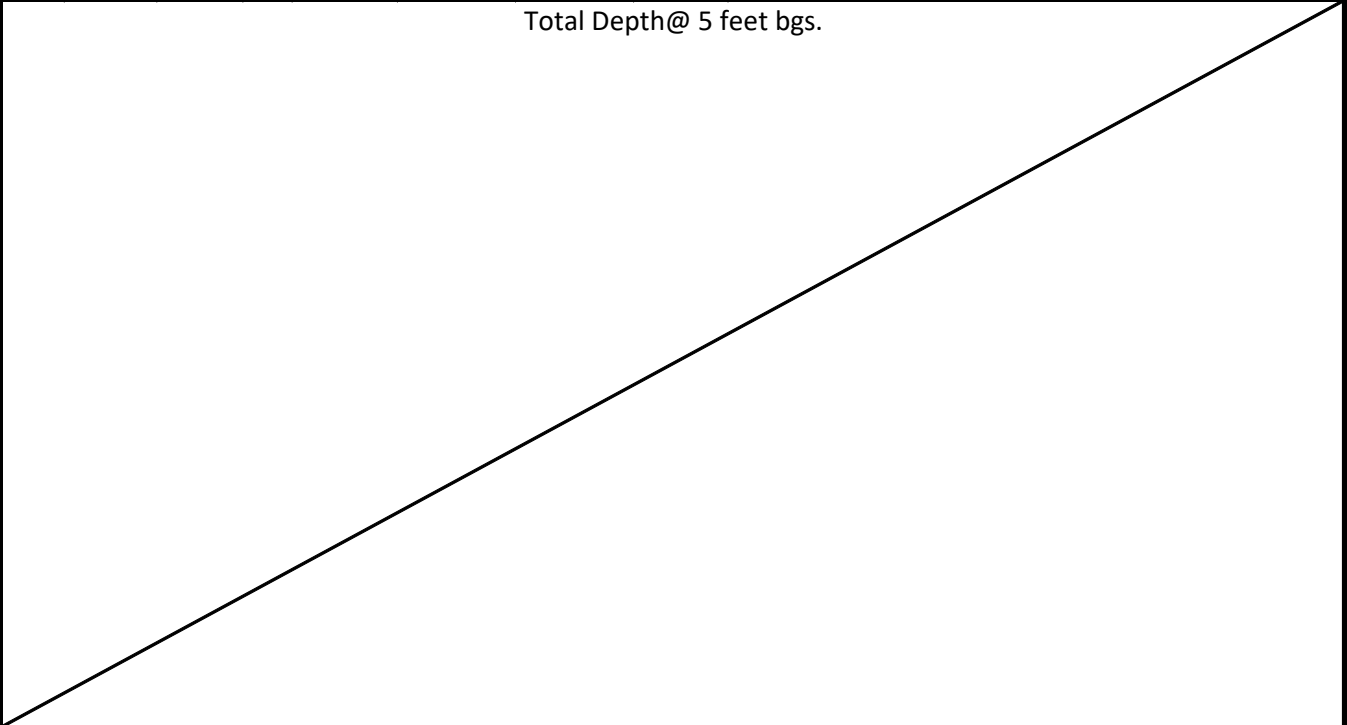
		Sample Name: BH01/PH01		Date: 6/13 - 7/21/2025				
		Site Name: Boundary Raider 6 7 Federal Com #213H						
		Incident Number: nAPP2516018968						
		Job Number: 03A1987181						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.339244 -103.714961			Logged By: Jenna Hinkle		Method: Backhoe			
			Hole Diameter: 2'		Total Depth: 6'			
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH01	0	0	SC	Moist, stained, Clayey sand with small gravel, fine grained,
D	>3,438		Y	BH01	1	1		Dry, stained, Clayey sand with small gravel, fine grained
D			Y	BH01	1.5			
D	1,836		N	PH01	2	2	Sstn	Dry, no staining, Brown Sandstone, moderate strength, fine to medium grained, planar
D	576		N	PH01	3	3		
D	576		N	PH01	4	4		
D	453	30	N	PH01	5	5		
D	397	17	N	PH01	6	6		
Total Depth@ 6 feet bgs.								

		Sample Name: BH02/PH02		Date: 6/13 - 7/22/2025				
		Site Name: Boundary Raider 6 7 Federal Com #213H						
		Incident Number: nAPP2516018968						
		Job Number: 03A1987181						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.339205 -103.714997			Logged By: Jenna Hinkle		Method: Backhoe			
			Hole Diameter: 2'		Total Depth: 7'			
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH02	0	0	SC	Moist, stained, Clayey sand with small gravel, fine grained, cohesive, low plasticity
D			Y	BH02	1	1		Dry, stained, Clayey sand with small gravel, fine grained, cohesive, low plasticity
D			Y	BH02	1.5			Dry, stained, Clayey sand with small gravel, fine grained, cohesive, low plasticity
D			N	BH02	2	2		Dry, not stained, Clayey sand with small gravel, fine grained cohesive, low plasticity
D	2,111		N	BH02	2.5			
D	2,727		N	PH02	3	3		
D	2,727		N	PH02	4	4		
D	2,100		N	PH02	5	5		Dry, no staining, Brown Sandstone, moderate strength, fine to medium grained, planar
D	1,719		N	PH02	6	6		
D	397	37	N	PH02	7	7		
Total Depth@7 feet bgs								

								Sample Name: BH03/PH03		Date: 6/13 - 7/21/2025	
								Site Name: Boundary Raider 6 7 Federal Com #213H			
								Incident Number: nAPP2516018968			
								Job Number: 03A1987181			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Backhoe	
Coordinates: 32.339301 -103.715043								Hole Diameter: 2'		Total Depth: 2'	
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			N	BH03	0	0	SC	Moist, not stained, Clayey sand with small gravel, fine grained, cohesive, low plasticity			
D	>3,438		N	BH03	1	1		Dry, not stained, Clayey sand with small gravel, fine grained, cohesive, low plasticity			
D	ND	13	N	PH03		2	Ssnt	Dry, no staining, Brown Sandstone, moderate strength, fine to medium grained, planar			
Total Depth@2 feet bgs											
											

		Sample Name: BH04/PH04		Date: 6/13 - 7/22/2025					
		Site Name: Boundary Raider 6 7 Federal Com #213H							
		Incident Number: nAPP2516018968							
		Job Number: 03A1987181							
LITHOLOGIC / SOIL SAMPLING LOG									
Coordinates: 32.339195 -103.715053			Logged By: Jenna Hinkle		Method: Backhoe				
			Hole Diameter: 3"		Total Depth: 8'				
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.									
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions	
M			N	BH04	0	0	SC	Moist, not stained, Clayey sand with small gravel, fine grained, cohesive, low plasticity	
D			N	BH04	1	1		SC	Dry, not stained, Clayey sand with small gravel, fine grained, cohesive, low plasticity
D			N	BH04	2	2			
D	1,299		N	BH04	3	3			
D	1,388		N	PH04	4	4	Ssnt		
D	1,719		N	PH04	5	5			
D	784		N	PH04	6	6			
D	515		N	PH04	7	7			
D	285	21	N	PH04	8	8			
Total Depth@8 feet bgs.									

		Sample Name: BH05/PH05		Date: 6/13 - 7/22/2025				
		Site Name: Boundary Raider 6 7 Federal Com #213H						
		Incident Number: nAPP2516018968						
		Job Number: 03A1987181						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.339171 -103.715116			Logged By: Jenna Hinkle		Method: Backhoe			
			Hole Diameter: 2'		Total Depth: 6'			
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH05	0	0	SC	Moist, stained, Clayey sand with small gravel, fine grained,
D	>3,438		Y	BH05	1	1		Dry, stained, Clayey sand with small gravel, fine grained
D			Y	BH05	1.5	1.5		
D	1,719		N	PH05	2	2	Ssnt	Dry, no staining, Brown Sandstone, moderate strength, fine to medium grained, planar
D	1,601		N	PH05	3	3		
D	856		N	PH05	4	4		
D	453	24	N	PH05	5	5		
D	207	24	N	PH05	6	6		
Total Depth@6 feet bgs								

		Sample Name: BH06/PH06		Date: 6/13 - 7/21/2025				
		Site Name: Boundary Raider 6 7 Federal Com #213H						
		Incident Number: nAPP2516018968						
		Job Number: 03A1987181						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.339170 -103.714991			Logged By: Jenna Hinkle		Method: Backhoe			
			Hole Diameter: 2'		Total Depth: 5'			
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M			Y	BH06	0	0	SC	Moist, stained, Clayey sand with small gravel, fine grained,
D	1,400		Y	BH06	1	1		Dry, stained, Clayey sand with small gravel, fine grained
D	1,114		N	BH06	2	2		
D	711		N	PH06	3	3	Ssnt	Dry, no staining, Brown Sandstone, moderate strength, fine to medium grained, planar
D	453	35	N	PH06	4	4		
D	397	10	N	PH06	5	5		
Total Depth@ 5 feet bgs.								

								Sample Name: BH07/PH07		Date: 6/13 - 7/21/2025	
								Site Name: Boundary Raider 6 7 Federal Com #213H			
								Incident Number: nAPP2516018968			
								Job Number: 03A1987181			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Backhoe	
Coordinates: 32.339124 -103.714977								Hole Diameter: 2'		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M			Y	BH07	0	0	SC	Moist, stained, Clayey sand with small gravel, fine grained,			
D	3,438		Y	BH07	1	1		Dry, stained, Clayey sand with small gravel, fine grained			
D	1,108		N	PH07	2	2	Ssnt	Dry, no staining, Brown Sandstone, moderate strength, fine to medium grained, planar			
D	ND	12	N	PH07	3	3					
Total Depth @ 3 feet bgs.											

								Sample Name: PH08		Date: 7/22/2025	
								Site Name: Boundary Raider 6 7 Federal Com #213H			
								Incident Number: nAPP2516018968			
								Job Number: 03A1987181			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Jenna Hinkle		Method: Backhoe	
Coordinates: 32.339119 -103.715185								Hole Diameter: 3"		Total Depth: 2'	
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
D			N	PH08	0	0	SC	Dry, not stained, Clayey sand with small gravel, fine grained,			
D	5,000		N	PH08	1	1	Ssnt	Dry, no staining, Brown Sandstone, moderate strength, fine to medium grained, planar			
D	168	28	N	PH08	2	2					
Total Depth@ 2 feet bgs											

 ENSOLUM		Sample Name: PH09		Date: 7/22/2025				
		Site Name: Boundary Raider 6 7 Federal Com #213H						
		Incident Number: nAPP2516018968						
		Job Number: 03A1987181						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.339388 -103.715189			Logged By: Jenna Hinkle		Method: Backhoe			
			Hole Diameter: 2'		Total Depth: 2			
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag® for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. A 20% correction factor is included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D			N	PH09	0	0	SC	Dry, not stained, Clayey sand with small gravel, fine grained,
D	259	37	N	PH09	1	1		
D	ND		N	PH09	2	2	SC/CCH	Dry, not stained, Clayey sand mixed with white Caliche, fine to coarse grained, small gravel
Total Depth@ 2 feet bgs.								



APPENDIX C

Photographic Log

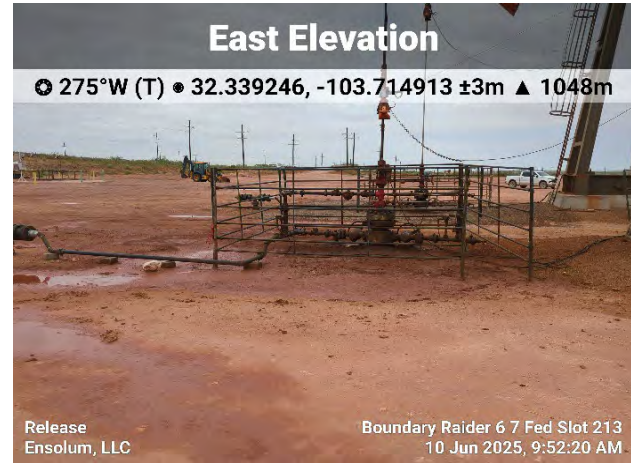


Photographic Log

Devon Energy Production Company, LP
Boundary Raider 6 7 Fed Com #213H
nAPP2516018968



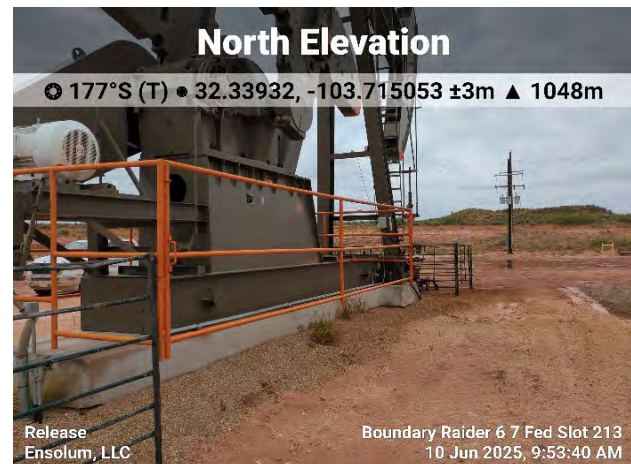
Photograph 1 Date: 6/10/2025
Description: Well sign
View: West



Photograph 2 Date: 6/10/2025
Description: Release extent
View: West



Photograph 3 Date: 6/10/2025
Description: Release extent
View: North



Photograph 4 Date: 6/10/2025
Description: Release extent
View: South



Photographic Log

Devon Energy Production Company, LP
Boundary Raider 6 7 Fed Com #213H
nAPP2516018968



Photograph 5
Description: BH01
View: North

Date: 6/13/2025



Photograph 6
Description: BH04
View: West

Date: 6/14/2025



Photograph 7
Description: Electrical and Oil and Gas Lines
View: West

Date: 6/13/2025



Photograph 8
Description: Electrical and Oil and Gas Lines
View: Northeast

Date: 6/13/2025



Photographic Log

Devon Energy Production Company, LP
Boundary Raider 6 7 Fed Com #213H
nAPP2516018968



Photograph 9
Description: BH05
View: West

Date: 6/17/2025



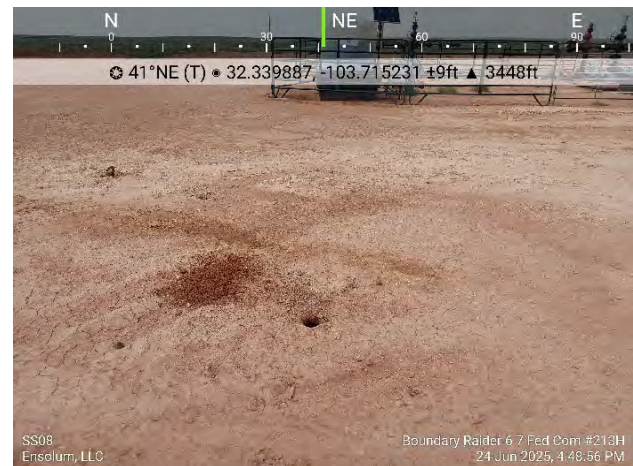
Photograph 10
Description: BH07
View: South

Date: 6/17/2025



Photograph 11
Description: SS06
View:

Date: 6/24/2025



Photograph 12
Description: SS08
View: Northeast

Date: 6/24/2025



Photographic Log

Devon Energy Production Company, LP
Boundary Raider 6 7 Fed Com #213H
nAPP2516018968



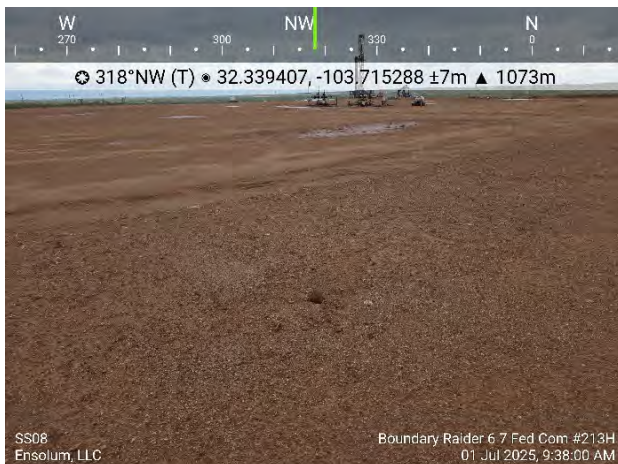
Photograph 13
Description: SS07
View: Southeast

Date: 6/25/2025



Photograph 14
Description: SS10
View: Northeast

Date: 6/25/2025



Photograph 15
Description: SS08
View: Northwest

Date: 7/01/2025



Photograph 16
Description: SS11
View: Northeast

Date: 7/01/2025



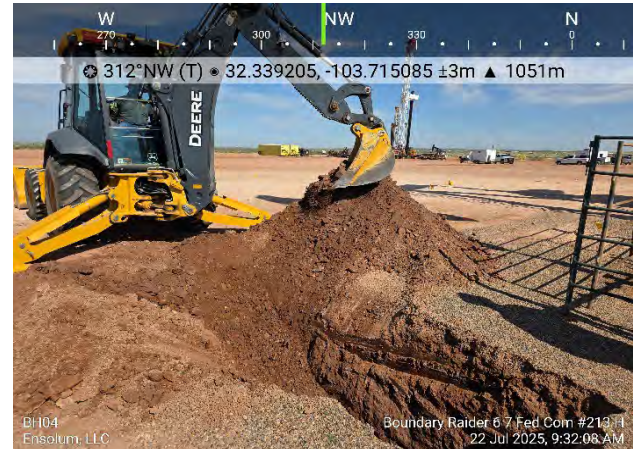
Photographic Log

Devon Energy Production Company, LP
Boundary Raider 6 7 Fed Com #213H
nAPP2516018968



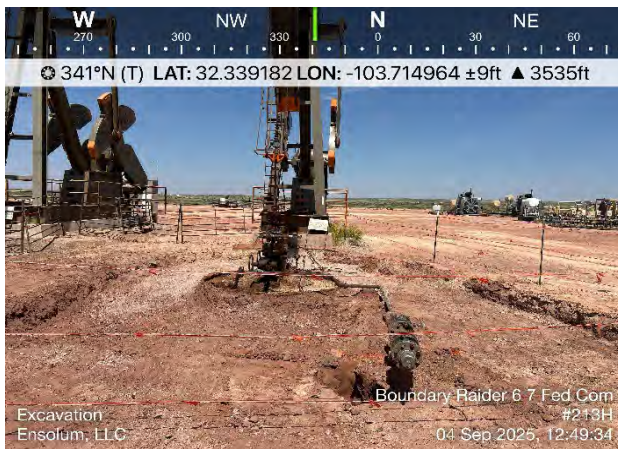
Photograph 17
Description: PH07
View: Southeast

Date: 7/21/2025



Photograph 18
Description: PH04
View: Northwest

Date: 7/22/2025



Photograph 19
Description: Excavation
View: Northwest

Date: 9/04/2025



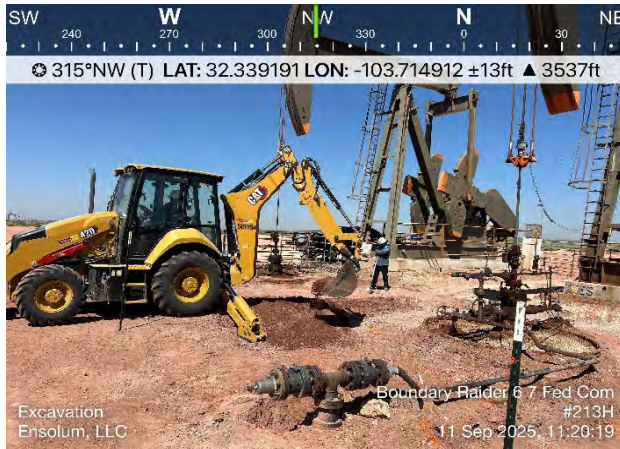
Photograph 20
Description: Excavation
View: South

Date: 9/05/2025



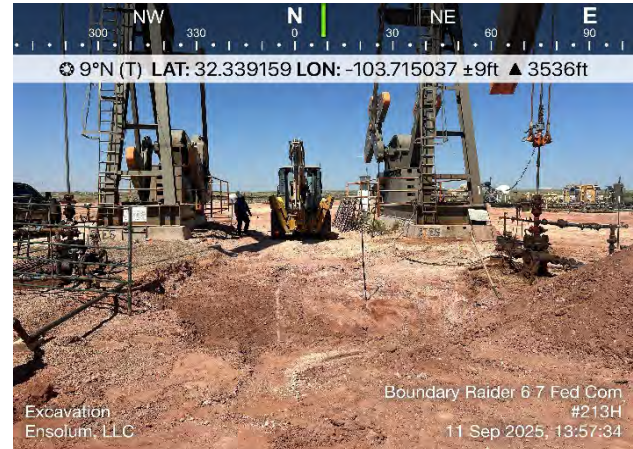
Photographic Log

Devon Energy Production Company, LP
Boundary Raider 6 7 Fed Com #213H
nAPP2516018968



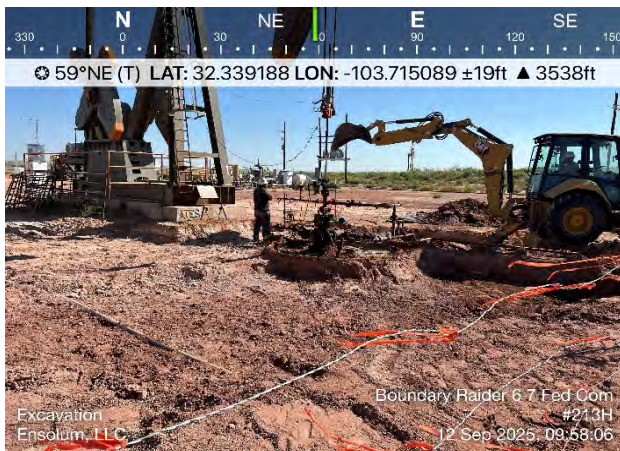
Photograph 21
Description: Excavation
View: Northwest

Date: 9/11/2025



Photograph 22
Description: Excavation
View: North

Date: 9/11/2025



Photograph 23
Description: Excavation
View: Northeast

Date: 9/12/2025



Photograph 24
Description: Excavation
View: Southwest

Date: 9/12/2025



Photographic Log

Devon Energy Production Company, LP
Boundary Raider 6 7 Fed Com #213H
nAPP2516018968



Photograph 25
Description: Excavation
View: East

Date: 9/29/2025



Photograph 26
Description: Excavation
View: East

Date: 9/29/2025



Photograph 27
Description: Excavation
View: Northeast

Date: 9/29/2025



Photograph 28
Description: Confirmation Sampling
View: Northeast

Date: 10/1/2025



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: Boundary Raider 6 7 Fed Com
#213H

Work Order: E506144

Job Number: 01058-0007

Received: 6/18/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/23/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/23/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E506144
Date Received: 6/18/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/18/2025 7:00:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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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: Boundary Raider 6 7 Fed Com #213H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 06/23/25 16:15
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E506144-01A	Soil	06/13/25	06/18/25	Glass Jar, 2 oz.
BH01-1.5'	E506144-02A	Soil	06/13/25	06/18/25	Glass Jar, 2 oz.
BH02-0'	E506144-03A	Soil	06/13/25	06/18/25	Glass Jar, 2 oz.
BH02-1.5'	E506144-04A	Soil	06/13/25	06/18/25	Glass Jar, 2 oz.
BH02-2.5'	E506144-05A	Soil	06/13/25	06/18/25	Glass Jar, 2 oz.
BH03-0'	E506144-06A	Soil	06/13/25	06/18/25	Glass Jar, 2 oz.
BH03-1'	E506144-07A	Soil	06/13/25	06/18/25	Glass Jar, 2 oz.
BH04-0'	E506144-08A	Soil	06/13/25	06/18/25	Glass Jar, 2 oz.
BH04-1'	E506144-09A	Soil	06/13/25	06/18/25	Glass Jar, 2 oz.
BH04-3'	E506144-10A	Soil	06/13/25	06/18/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Boundary Raider 6 7 Fed Com #213H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 6/23/2025 4:15:31PM
---	---	---

BH01-0'

E506144-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	0.126	0.0250	1	06/18/25	06/18/25	
Toluene	0.0682	0.0250	1	06/18/25	06/18/25	
o-Xylene	0.195	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	0.556	0.0500	1	06/18/25	06/18/25	
Total Xylenes	0.752	0.0250	1	06/18/25	06/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.2 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2525074	
Diesel Range Organics (C10-C28)	7850	250	10	06/19/25	06/20/25	
Oil Range Organics (C28-C36)	5480	500	10	06/19/25	06/20/25	
<i>Surrogate: n-Nonane</i>		334 %	61-141	06/19/25	06/20/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2525071	
Chloride	3450	40.0	2	06/18/25	06/18/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/23/2025 4:15:31PM

BH01-1.5'

E506144-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.0 %	70-130		06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	86.0 %	70-130		06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525074	
Diesel Range Organics (C10-C28)	107	25.0	1	06/19/25	06/20/25	
Oil Range Organics (C28-C36)	90.1	50.0	1	06/19/25	06/20/25	
<i>Surrogate: n-Nonane</i>	110 %	61-141		06/19/25	06/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2525071	
Chloride	2750	40.0	2	06/18/25	06/18/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/23/2025 4:15:31PM

BH02-0'

E506144-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Benzene	3.79	0.125	5	06/18/25	06/20/25	
Ethylbenzene	15.1	0.125	5	06/18/25	06/20/25	
Toluene	35.5	0.125	5	06/18/25	06/20/25	
o-Xylene	17.6	0.125	5	06/18/25	06/20/25	
p,m-Xylene	47.7	0.250	5	06/18/25	06/20/25	
Total Xylenes	65.3	0.125	5	06/18/25	06/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	06/18/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Gasoline Range Organics (C6-C10)	827	100	5	06/18/25	06/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		97.9 %	70-130	06/18/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2525074	
Diesel Range Organics (C10-C28)	19000	500	20	06/19/25	06/23/25	T9
Oil Range Organics (C28-C36)	8210	1000	20	06/19/25	06/23/25	
<i>Surrogate: n-Nonane</i>						
		355 %	61-141	06/19/25	06/23/25	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2525071	
Chloride	2300	40.0	2	06/18/25	06/18/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/23/2025 4:15:31PM

BH02-1.5'

E506144-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Benzene	ND	0.0250	1	06/18/25	06/20/25	
Ethylbenzene	0.111	0.0250	1	06/18/25	06/20/25	
Toluene	0.0604	0.0250	1	06/18/25	06/20/25	
o-Xylene	0.179	0.0250	1	06/18/25	06/20/25	
p,m-Xylene	0.492	0.0500	1	06/18/25	06/20/25	
Total Xylenes	0.671	0.0250	1	06/18/25	06/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	06/18/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.7 %	70-130	06/18/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525074	
Diesel Range Organics (C10-C28)	862	25.0	1	06/19/25	06/23/25	
Oil Range Organics (C28-C36)	420	50.0	1	06/19/25	06/23/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	06/19/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2525071	
Chloride	2230	20.0	1	06/18/25	06/18/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/23/2025 4:15:31PM

BH02-2.5'

E506144-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.0 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.3 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525074	
Diesel Range Organics (C10-C28)	302	25.0	1	06/19/25	06/23/25	
Oil Range Organics (C28-C36)	167	50.0	1	06/19/25	06/23/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	06/19/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2525071	
Chloride	1970	20.0	1	06/18/25	06/18/25	



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Boundary Raider 6 7 Fed Com #213H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 6/23/2025 4:15:31PM
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BH03-0'

E506144-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
Surrogate: 4-Bromochlorobenzene-PID	98.1 %	70-130		06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	87.6 %	70-130		06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525074	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/20/25	
Oil Range Organics (C28-C36)	57.5	50.0	1	06/19/25	06/20/25	
Surrogate: n-Nonane	111 %	61-141		06/19/25	06/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2525071	
Chloride	964	20.0	1	06/18/25	06/18/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/23/2025 4:15:31PM

BH03-1'

E506144-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.2 %	70-130		06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.7 %	70-130		06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525074	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/20/25	
Oil Range Organics (C28-C36)	53.0	50.0	1	06/19/25	06/20/25	
<i>Surrogate: n-Nonane</i>	105 %	61-141		06/19/25	06/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2525071	
Chloride	2570	20.0	1	06/18/25	06/18/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/23/2025 4:15:31PM

BH04-0'

E506144-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	0.0258	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	0.0580	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	0.0958	0.0500	1	06/18/25	06/18/25	
Total Xylenes	0.154	0.0250	1	06/18/25	06/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.6 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525074	
Diesel Range Organics (C10-C28)	2480	25.0	1	06/19/25	06/20/25	
Oil Range Organics (C28-C36)	1020	50.0	1	06/19/25	06/20/25	
<i>Surrogate: n-Nonane</i>		114 %	61-141	06/19/25	06/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2525071	
Chloride	266	20.0	1	06/18/25	06/18/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/23/2025 4:15:31PM

BH04-1'

E506144-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		85.6 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525074	
Diesel Range Organics (C10-C28)	467	25.0	1	06/19/25	06/23/25	
Oil Range Organics (C28-C36)	235	50.0	1	06/19/25	06/23/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	06/19/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2525071	
Chloride	1030	20.0	1	06/18/25	06/18/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/23/2025 4:15:31PM

BH04-3'

E506144-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Benzene	ND	0.0250	1	06/18/25	06/18/25	
Ethylbenzene	ND	0.0250	1	06/18/25	06/18/25	
Toluene	ND	0.0250	1	06/18/25	06/18/25	
o-Xylene	ND	0.0250	1	06/18/25	06/18/25	
p,m-Xylene	ND	0.0500	1	06/18/25	06/18/25	
Total Xylenes	ND	0.0250	1	06/18/25	06/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/18/25	06/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.3 %	70-130	06/18/25	06/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525074	
Diesel Range Organics (C10-C28)	61.1	25.0	1	06/19/25	06/23/25	
Oil Range Organics (C28-C36)	62.0	50.0	1	06/19/25	06/23/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	06/19/25	06/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2525071	
Chloride	1270	20.0	1	06/18/25	06/18/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/23/2025 4:15:31PM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2525063-BLK1) Prepared: 06/18/25 Analyzed: 06/18/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

LCS (2525063-BS1) Prepared: 06/18/25 Analyzed: 06/18/25

Benzene	4.54	0.0250	5.00		90.7	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.9	70-130			
Toluene	4.59	0.0250	5.00		91.8	70-130			
o-Xylene	4.56	0.0250	5.00		91.2	70-130			
p,m-Xylene	9.15	0.0500	10.0		91.5	70-130			
Total Xylenes	13.7	0.0250	15.0		91.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.62		8.00		95.2	70-130			

Matrix Spike (2525063-MS1) Source: E506144-07 Prepared: 06/18/25 Analyzed: 06/18/25

Benzene	4.76	0.0250	5.00	ND	95.2	70-130			
Ethylbenzene	4.73	0.0250	5.00	ND	94.6	70-130			
Toluene	4.75	0.0250	5.00	ND	95.0	70-130			
o-Xylene	4.76	0.0250	5.00	ND	95.2	70-130			
p,m-Xylene	9.50	0.0500	10.0	ND	95.0	70-130			
Total Xylenes	14.3	0.0250	15.0	ND	95.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.2	70-130			

Matrix Spike Dup (2525063-MSD1) Source: E506144-07 Prepared: 06/18/25 Analyzed: 06/18/25

Benzene	4.54	0.0250	5.00	ND	90.7	70-130	4.83	27	
Ethylbenzene	4.56	0.0250	5.00	ND	91.2	70-130	3.74	26	
Toluene	4.55	0.0250	5.00	ND	91.0	70-130	4.34	20	
o-Xylene	4.57	0.0250	5.00	ND	91.4	70-130	4.01	25	
p,m-Xylene	9.14	0.0500	10.0	ND	91.4	70-130	3.82	23	
Total Xylenes	13.7	0.0250	15.0	ND	91.4	70-130	3.89	26	
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/23/2025 4:15:31PM

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 (2525063-BLK1)

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

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.86		8.00		85.8	70-130			

LCS (2525063-BS2)

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

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.5	70-130			

Matrix Spike (2525063-MS2)

Source: E506144-07

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

Gasoline Range Organics (C6-C10)	41.8	20.0	50.0	ND	83.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			

Matrix Spike Dup (2525063-MSD2)

Source: E506144-07

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

Gasoline Range Organics (C6-C10)	41.3	20.0	50.0	ND	82.5	70-130	1.17	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/23/2025 4:15:31PM

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 (2525074-BLK1)					Prepared: 06/19/25 Analyzed: 06/20/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.4		50.0		121	61-141			

LCS (2525074-BS1)					Prepared: 06/19/25 Analyzed: 06/20/25				
Diesel Range Organics (C10-C28)	273	25.0	250		109	66-144			
Surrogate: n-Nonane	52.5		50.0		105	61-141			

Matrix Spike (2525074-MS1)					Source: E506144-01		Prepared: 06/19/25 Analyzed: 06/20/25		
Diesel Range Organics (C10-C28)	7080	250	250	7850	NR	56-156			M4
Surrogate: n-Nonane	100		50.0		200	61-141			S5

Matrix Spike Dup (2525074-MSD1)					Source: E506144-01		Prepared: 06/19/25 Analyzed: 06/20/25		
Diesel Range Organics (C10-C28)	7410	250	250	7850	NR	56-156	4.61	20	M4
Surrogate: n-Nonane	101		50.0		202	61-141			S5



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/23/2025 4:15:31PM

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 (2525071-BLK1)					Prepared: 06/18/25 Analyzed: 06/18/25				
Chloride	ND	20.0							
LCS (2525071-BS1)					Prepared: 06/18/25 Analyzed: 06/18/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2525071-MS1)					Source: E506144-04		Prepared: 06/18/25 Analyzed: 06/18/25		
Chloride	2120	20.0	250	2230	NR	80-120			M4
Matrix Spike Dup (2525071-MSD1)					Source: E506144-04		Prepared: 06/18/25 Analyzed: 06/18/25		
Chloride	1780	20.0	250	2230	NR	80-120	17.2	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/23/25 16:15

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- T9 DRO includes undifferentiated early eluting analytes characteristic of GRO.
- 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: Boundary Raider 6 7 Fed Com #213H				Address: 5315 Buena Vista Dr		E506144	00580007				x	x						
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: (575)689-7597														
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@envirotech.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information						Analysis and Method						EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
1058	6/13/25	Soil	1	BH01-0'		1								+		2.7		
1142				BH01-1.5'		2								+		2.4		
1210				BH02-0'		3								+		2.6		
1224				BH02-1.5'		4								x		1.3		
1238				BH02-2.5'		5								x		2.2		
1404				BH03-0'		6								x		2.1		
1410				BH03-1'		7								x		1.9		
1443				BH04-0'		8								x		1.2		
1454				BH04-1'		9								x		4.2		
1530				BH04-3'		10								+		4.6		
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@envirotech.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com, gsanchez@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Jenna Hinkle																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Envirotech Analytical Laboratory

Printed: 6/18/2025 8:36:10AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	06/18/25 07:00	Work Order ID:	E506144
Phone:	(505) 382-1211	Date Logged In:	06/17/25 15:49	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	06/23/25 17:00 (3 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 7 Fed Com
#213H

Work Order: E506156

Job Number: 01058-0007

Received: 6/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/24/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/24/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E506156
Date Received: 6/19/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/19/2025 7:00:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H 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 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Boundary Raider 6 7 Fed Com #213H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 06/24/25 10:17
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05-0'	E506156-01A	Soil	06/17/25	06/19/25	Glass Jar, 2 oz.
BH05-1'	E506156-02A	Soil	06/17/25	06/19/25	Glass Jar, 2 oz.
BH05-1.5'	E506156-03A	Soil	06/17/25	06/19/25	Glass Jar, 2 oz.
BH06-0'	E506156-04A	Soil	06/17/25	06/19/25	Glass Jar, 2 oz.
BH06-1'	E506156-05A	Soil	06/17/25	06/19/25	Glass Jar, 2 oz.
BH06-2'	E506156-06A	Soil	06/17/25	06/19/25	Glass Jar, 2 oz.
BH07-0'	E506156-07A	Soil	06/17/25	06/19/25	Glass Jar, 2 oz.
BH07-1'	E506156-08A	Soil	06/17/25	06/19/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Boundary Raider 6 7 Fed Com #213H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 6/24/2025 10:17:56AM
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BH05-0'

E506156-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.2 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525076	
Diesel Range Organics (C10-C28)	28.8	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
<i>Surrogate: n-Nonane</i>		111 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2525081	
Chloride	6340	200	10	06/19/25	06/19/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/24/2025 10:17:56AM

BH05-1'

E506156-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525076	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2525081	
Chloride	1030	40.0	2	06/19/25	06/19/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/24/2025 10:17:56AM

BH05-1.5'

E506156-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.4 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2525076	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2525081	
Chloride	1110	20.0	1	06/19/25	06/19/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/24/2025 10:17:56AM

BH06-0'

E506156-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525076	
Diesel Range Organics (C10-C28)	68.6	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2525081	
Chloride	5310	100	5	06/19/25	06/19/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/24/2025 10:17:56AM

BH06-1'

E506156-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		106 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.0 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525076	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2525081	
Chloride	1260	40.0	2	06/19/25	06/19/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/24/2025 10:17:56AM

BH06-2'

E506156-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.8 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525076	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
<i>Surrogate: n-Nonane</i>		101 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2525081	
Chloride	1150	20.0	1	06/19/25	06/19/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/24/2025 10:17:56AM

BH07-0'

E506156-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.5 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525076	
Diesel Range Organics (C10-C28)	92.1	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
<i>Surrogate: n-Nonane</i>		108 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2525081	
Chloride	4390	40.0	2	06/19/25	06/19/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/24/2025 10:17:56AM

BH07-1'

E506156-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Benzene	ND	0.0250	1	06/19/25	06/20/25	
Ethylbenzene	ND	0.0250	1	06/19/25	06/20/25	
Toluene	ND	0.0250	1	06/19/25	06/20/25	
o-Xylene	ND	0.0250	1	06/19/25	06/20/25	
p,m-Xylene	ND	0.0500	1	06/19/25	06/20/25	
Total Xylenes	ND	0.0250	1	06/19/25	06/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2525083	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/19/25	06/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.8 %	70-130	06/19/25	06/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2525076	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/19/25	06/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/19/25	06/21/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	06/19/25	06/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2525081	
Chloride	2110	40.0	2	06/19/25	06/19/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/24/2025 10:17:56AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2525083-BLK1)

Prepared: 06/19/25 Analyzed: 06/20/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.55		8.00		107	70-130			

LCS (2525083-BS1)

Prepared: 06/19/25 Analyzed: 06/20/25

Benzene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	4.97	0.0250	5.00		99.4	70-130			
Toluene	5.03	0.0250	5.00		101	70-130			
o-Xylene	4.87	0.0250	5.00		97.3	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	14.9	0.0250	15.0		99.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.42		8.00		105	70-130			

Matrix Spike (2525083-MS1)

Source: E506156-05

Prepared: 06/19/25 Analyzed: 06/20/25

Benzene	5.60	0.0250	5.00	ND	112	70-130			
Ethylbenzene	5.46	0.0250	5.00	ND	109	70-130			
Toluene	5.54	0.0250	5.00	ND	111	70-130			
o-Xylene	5.37	0.0250	5.00	ND	107	70-130			
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130			
Total Xylenes	16.4	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.58		8.00		107	70-130			

Matrix Spike Dup (2525083-MSD1)

Source: E506156-05

Prepared: 06/19/25 Analyzed: 06/20/25

Benzene	5.46	0.0250	5.00	ND	109	70-130	2.48	27	
Ethylbenzene	5.35	0.0250	5.00	ND	107	70-130	1.99	26	
Toluene	5.42	0.0250	5.00	ND	108	70-130	2.31	20	
o-Xylene	5.25	0.0250	5.00	ND	105	70-130	2.37	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	2.00	23	
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130	2.12	26	
Surrogate: 4-Bromochlorobenzene-PID	8.38		8.00		105	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/24/2025 10:17:56AM

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 (2525083-BLK1) Prepared: 06/19/25 Analyzed: 06/20/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.79		8.00		97.4	70-130			

LCS (2525083-BS2) Prepared: 06/19/25 Analyzed: 06/20/25

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00		98.9	70-130			

Matrix Spike (2525083-MS2) Source: E506156-05 Prepared: 06/19/25 Analyzed: 06/20/25

Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			

Matrix Spike Dup (2525083-MSD2) Source: E506156-05 Prepared: 06/19/25 Analyzed: 06/20/25

Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.6	70-130	1.78	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.87		8.00		98.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/24/2025 10:17:56AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2525076-BLK1)

Prepared: 06/19/25 Analyzed: 06/21/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.4		50.0		103	61-141			

LCS (2525076-BS1)

Prepared: 06/19/25 Analyzed: 06/21/25

Diesel Range Organics (C10-C28)	245	25.0	250		97.9	66-144			
Surrogate: n-Nonane	49.8		50.0		99.7	61-141			

Matrix Spike (2525076-MS1)

Source: E506155-01

Prepared: 06/19/25 Analyzed: 06/21/25

Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	54.5		50.0		109	61-141			

Matrix Spike Dup (2525076-MSD1)

Source: E506155-01

Prepared: 06/19/25 Analyzed: 06/21/25

Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156	0.0954	20	
Surrogate: n-Nonane	54.7		50.0		109	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/24/2025 10:17:56AM

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 (2525081-BLK1)					Prepared: 06/19/25 Analyzed: 06/19/25				
Chloride	ND	20.0							
LCS (2525081-BS1)					Prepared: 06/19/25 Analyzed: 06/19/25				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2525081-MS1)					Source: E506155-05		Prepared: 06/19/25 Analyzed: 06/19/25		
Chloride	561	20.0	250	311	100	80-120			
Matrix Spike Dup (2525081-MSD1)					Source: E506155-05		Prepared: 06/19/25 Analyzed: 06/19/25		
Chloride	560	20.0	250	311	99.4	80-120	0.246	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:	Boundary Raider 6 7 Fed Com #213H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/24/25 10:17

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

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

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



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO# E506156		Job Number 01058-0007		1D	2D	3D	Std	NM	CO	UT	TX		
Project: Boundary Raider 6 7 Fed Com #213H				Address: 5315 Buena Vista Dr									x	x					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			
Sample Information				Analysis and Method										EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
1200	6/17/2025	Soil	1	BH05-0'		1													
1218				↓ 05-1'		2													
1238				↓ 05-1.5'		3													
1257				BH06-0'		4													
1310				↓ 06-1'		5													
1344				↓ 06-2'		6													
1408				BH07-0'		7													
1433				BH07-1'		8													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com, gsanchez@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: <u>Jenna Hinkle</u>																			
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: <u>CY</u> N							
<u>Jenna Hinkle</u>		6/18/2025		7:10		<u>Michelle Gonzales</u>		6-18-25		0711									
<u>Michelle Gonzales</u>		6-18-25		1645		<u>Richard Gonzales</u>		6-18-25		1645									
<u>Richard Gonzales</u>		6-18-25		2300		<u>Caitlin Mar</u>		6-19-25		700									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 6/19/2025 7:46:54AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	06/19/25 07:00	Work Order ID:	E506156
Phone:	(505) 382-1211	Date Logged In:	06/18/25 14:57	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	06/25/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 7 Fed Com
#213H

Work Order: E506245

Job Number: 01058-0007

Received: 6/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/2/25

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: 7/2/25

Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210



Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E506245
Date Received: 6/27/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/27/2025 7:00:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H 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 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Boundary Raider 6 7 Fed Com #213H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 07/02/25 11:58
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS03A-0'	E506245-01A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SS03A-1'	E506245-02A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SS04A-0'	E506245-03A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SS04A-1'	E506245-04A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SS05A-0'	E506245-05A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SS05A-1'	E506245-06A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SS06-0'	E506245-07A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.
SS06-1'	E506245-08A	Soil	06/24/25	06/27/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Boundary Raider 6 7 Fed Com #213H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 7/2/2025 11:58:24AM
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SS03A-0'

E506245-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2526138	
Benzene	ND	0.0250	1	06/27/25	06/28/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/28/25	
Toluene	ND	0.0250	1	06/27/25	06/28/25	
o-Xylene	ND	0.0250	1	06/27/25	06/28/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/28/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		80.7 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2526138	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.5 %	70-130	06/27/25	06/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2527020	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>		121 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2526164	
Chloride	ND	20.0	1	06/28/25	06/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 11:58:24AM

SS03A-1'

E506245-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526138
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	79.2 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526138
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.6 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>						
	111 %	61-141		06/30/25	07/01/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2526164
Chloride	ND	20.0	1	06/28/25	06/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 11:58:24AM

SS04A-0'

E506245-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2526138	
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.2 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2526138	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.6 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2527020	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>						
	108 %	61-141		06/30/25	07/01/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2526164	
Chloride	ND	20.0	1	06/28/25	06/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 11:58:24AM

SS04A-1'

E506245-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526138
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		81.4 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526138
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.7 %	70-130	06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>						
		110 %	61-141	06/30/25	07/01/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2526164
Chloride	119	20.0	1	06/28/25	06/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 11:58:24AM

SS05A-0'

E506245-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2526138	
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	82.6 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2526138	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.8 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2527020	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>	114 %	61-141		06/30/25	07/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2526164	
Chloride	159	20.0	1	06/28/25	06/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 11:58:24AM

SS05A-1'

E506245-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526138
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	82.3 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526138
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>						
	112 %	61-141		06/30/25	07/01/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2526164
Chloride	1170	20.0	1	06/28/25	06/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 11:58:24AM

SS06-0'

E506245-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526138
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	83.3 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526138
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2527020
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>						
	116 %	61-141		06/30/25	07/01/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2526164
Chloride	ND	20.0	1	06/28/25	06/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 11:58:24AM

SS06-1'

E506245-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2526138	
Benzene	ND	0.0250	1	06/27/25	06/29/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/29/25	
Toluene	ND	0.0250	1	06/27/25	06/29/25	
o-Xylene	ND	0.0250	1	06/27/25	06/29/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/29/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/29/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	81.7 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2526138	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/29/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		06/27/25	06/29/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2527020	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/01/25	
<i>Surrogate: n-Nonane</i>						
	117 %	61-141		06/30/25	07/01/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: IY		Batch: 2526164	
Chloride	ND	20.0	1	06/28/25	06/29/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/2/2025 11:58:24AM

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 (2526138-BLK1)

Prepared: 06/27/25 Analyzed: 06/28/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.64		8.00		83.0	70-130			

LCS (2526138-BS1)

Prepared: 06/27/25 Analyzed: 06/28/25

Benzene	4.88	0.0250	5.00		97.7	70-130			
Ethylbenzene	4.81	0.0250	5.00		96.2	70-130			
Toluene	4.87	0.0250	5.00		97.3	70-130			
o-Xylene	4.78	0.0250	5.00		95.6	70-130			
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130			
Total Xylenes	14.5	0.0250	15.0		96.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.62		8.00		82.7	70-130			

Matrix Spike (2526138-MS1)

Source: E506244-02

Prepared: 06/27/25 Analyzed: 06/28/25

Benzene	5.50	0.0250	5.00	ND	110	70-130			
Ethylbenzene	5.41	0.0250	5.00	ND	108	70-130			
Toluene	5.48	0.0250	5.00	ND	110	70-130			
o-Xylene	5.34	0.0250	5.00	ND	107	70-130			
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130			
Total Xylenes	16.3	0.0250	15.0	ND	108	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.57		8.00		82.1	70-130			

Matrix Spike Dup (2526138-MSD1)

Source: E506244-02

Prepared: 06/27/25 Analyzed: 06/28/25

Benzene	4.62	0.0250	5.00	ND	92.4	70-130	17.4	27	
Ethylbenzene	4.55	0.0250	5.00	ND	91.0	70-130	17.2	26	
Toluene	4.60	0.0250	5.00	ND	92.1	70-130	17.4	20	
o-Xylene	4.49	0.0250	5.00	ND	89.7	70-130	17.4	25	
p,m-Xylene	9.20	0.0500	10.0	ND	92.0	70-130	17.0	23	
Total Xylenes	13.7	0.0250	15.0	ND	91.3	70-130	17.1	26	
Surrogate: 4-Bromochlorobenzene-PID	6.55		8.00		81.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/2/2025 11:58:24AM

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 (2526138-BLK1) Prepared: 06/27/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			

LCS (2526138-BS2) Prepared: 06/27/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	48.2	20.0	50.0		96.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.4	70-130			

Matrix Spike (2526138-MS2) Source: E506244-02 Prepared: 06/27/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	40.3	20.0	50.0	ND	80.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.7	70-130			

Matrix Spike Dup (2526138-MSD2) Source: E506244-02 Prepared: 06/27/25 Analyzed: 06/28/25

Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.1	70-130	14.3	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.36		8.00		92.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/2/2025 11:58:24AM

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 (2527020-BLK1)					Prepared: 06/30/25 Analyzed: 07/01/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.1		50.0		102	61-141			

LCS (2527020-BS1)					Prepared: 06/30/25 Analyzed: 07/01/25				
Diesel Range Organics (C10-C28)	287	25.0	250		115	66-144			
Surrogate: n-Nonane	51.4		50.0		103	61-141			

Matrix Spike (2527020-MS1)					Source: E506245-01		Prepared: 06/30/25 Analyzed: 07/01/25		
Diesel Range Organics (C10-C28)	329	25.0	250	ND	132	56-156			
Surrogate: n-Nonane	54.7		50.0		109	61-141			

Matrix Spike Dup (2527020-MSD1)					Source: E506245-01		Prepared: 06/30/25 Analyzed: 07/01/25		
Diesel Range Organics (C10-C28)	340	25.0	250	ND	136	56-156	3.32	20	
Surrogate: n-Nonane	58.2		50.0		116	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/2/2025 11:58:24AM

Anions by EPA 300.0/9056A

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2526164-BLK1)					Prepared: 06/28/25 Analyzed: 06/28/25				
Chloride	ND	20.0							
LCS (2526164-BS1)					Prepared: 06/28/25 Analyzed: 06/28/25				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2526164-MS1)					Source: E506244-03		Prepared: 06/28/25 Analyzed: 06/29/25		
Chloride	265	20.0	250	21.1	97.6	80-120			
Matrix Spike Dup (2526164-MSD1)					Source: E506244-03		Prepared: 06/28/25 Analyzed: 06/29/25		
Chloride	269	20.0	250	21.1	99.0	80-120	1.28	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:	Boundary Raider 6 7 Fed Com #213H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/02/25 11:58

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

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

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



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: Boundary Raider 67 Fed Com #213H				Address: 5315 Buena Vista Dr		E500245	01058-007				X	X							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dnv.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TEEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
0904	6/24/25	Soil	1	SS03A-0'		1								+					
1323				SS03A-1'		2								+					
1543				SS04A-0'		3								+					
1627				SS04A-1'		4								+					
1213				SS05A-0'		5								+					
1335				SS05A-1'		6								+					
1552				SS06-0'		7								+					
1621				SS06-1'		8								+					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com, gsanchez@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Jenna Hinkle																			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N			
Jenna Hinkle				6/25/2025		7:00		Michelle Gonzales				6/25/25		0700					
Michelle Gonzales				6/25/25		1500		Marissa Gonzales				6/25/25		1500					
Marissa Gonzales				6/26/25		1620		J. J.				6/26/25		1620					
J. J.				6/26/25		2300		Cathy Mann				6/27/25		700					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 6/27/2025 12:05:18PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	06/27/25 07:00	Work Order ID:	E506245
Phone:	(505) 382-1211	Date Logged In:	06/26/25 13:39	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	07/02/25 17:00 (3 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

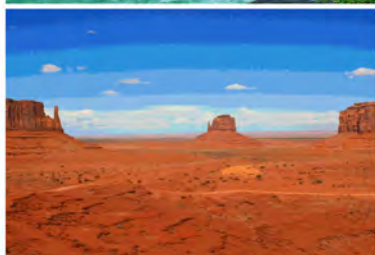
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 7 Fed Com
#213H

Work Order: E506264

Job Number: 01058-0007

Received: 6/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/2/25

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: 7/2/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E506264
Date Received: 6/27/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/27/2025 7:00:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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Cell: 505-947-8222
mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/02/25 15:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS07-0'	E506264-01A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SS07-1'	E506264-02A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SS09-0'	E506264-03A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SS09-0.5'	E506264-04A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SS10-0'	E506264-05A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SS10-1'	E506264-06A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 3:27:18PM

SS07-0'

E506264-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2526152	
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	87.2 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2526152	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.8 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2527042	
Diesel Range Organics (C10-C28)	29.2	25.0	1	06/30/25	07/02/25	
Oil Range Organics (C28-C36)	81.0	50.0	1	06/30/25	07/02/25	
<i>Surrogate: n-Nonane</i>	97.1 %	61-141		06/30/25	07/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2527045	
Chloride	32.2	20.0	1	07/01/25	07/02/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 3:27:18PM

SS07-1'

E506264-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.2 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.4 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2527042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/02/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		06/30/25	07/02/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2527045
Chloride	654	20.0	1	07/01/25	07/02/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 3:27:18PM

SS09-0'

E506264-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.6 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.8 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2527042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/02/25	
<i>Surrogate: n-Nonane</i>						
	97.4 %	61-141		06/30/25	07/02/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2527045
Chloride	325	20.0	1	07/01/25	07/02/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 3:27:18PM

SS09-0.5'

E506264-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2526152	
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.4 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2526152	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.6 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2527042	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/02/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		06/30/25	07/02/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2527045	
Chloride	343	20.0	1	07/01/25	07/02/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 3:27:18PM

SS10-0'

E506264-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	85.9 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.7 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2527042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/02/25	
<i>Surrogate: n-Nonane</i>						
	106 %	61-141		06/30/25	07/02/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2527045
Chloride	48.7	20.0	1	07/01/25	07/02/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/2/2025 3:27:18PM

SS10-1'

E506264-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Benzene	ND	0.0250	1	06/27/25	06/30/25	
Ethylbenzene	ND	0.0250	1	06/27/25	06/30/25	
Toluene	ND	0.0250	1	06/27/25	06/30/25	
o-Xylene	ND	0.0250	1	06/27/25	06/30/25	
p,m-Xylene	ND	0.0500	1	06/27/25	06/30/25	
Total Xylenes	ND	0.0250	1	06/27/25	06/30/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.9 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526152
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/27/25	06/30/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.4 %	70-130		06/27/25	06/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2527042
Diesel Range Organics (C10-C28)	ND	25.0	1	06/30/25	07/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	06/30/25	07/02/25	
<i>Surrogate: n-Nonane</i>						
	102 %	61-141		06/30/25	07/02/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2527045
Chloride	47.7	20.0	1	07/01/25	07/02/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/2/2025 3:27:18PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2526152-BLK1)

Prepared: 06/27/25 Analyzed: 06/30/25

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	6.82		8.00		85.2	70-130			

LCS (2526152-BS1)

Prepared: 06/27/25 Analyzed: 06/30/25

Benzene	4.78	0.0250	5.00		95.6	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.8	70-130			
Toluene	4.85	0.0250	5.00		97.1	70-130			
o-Xylene	4.84	0.0250	5.00		96.8	70-130			
p,m-Xylene	9.81	0.0500	10.0		98.1	70-130			
Total Xylenes	14.6	0.0250	15.0		97.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.89		8.00		86.1	70-130			

Matrix Spike (2526152-MS1)

Source: E506267-01

Prepared: 06/27/25 Analyzed: 06/30/25

Benzene	5.28	0.0250	5.00	ND	106	70-130			
Ethylbenzene	5.28	0.0250	5.00	ND	106	70-130			
Toluene	5.32	0.0250	5.00	ND	106	70-130			
o-Xylene	5.26	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	15.9	0.0250	15.0	ND	106	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.72		8.00		84.0	70-130			

Matrix Spike Dup (2526152-MSD1)

Source: E506267-01

Prepared: 06/27/25 Analyzed: 06/30/25

Benzene	4.82	0.0250	5.00	ND	96.5	70-130	9.01	27	
Ethylbenzene	4.86	0.0250	5.00	ND	97.3	70-130	8.21	26	
Toluene	4.87	0.0250	5.00	ND	97.5	70-130	8.80	20	
o-Xylene	4.81	0.0250	5.00	ND	96.1	70-130	9.12	25	
p,m-Xylene	9.83	0.0500	10.0	ND	98.3	70-130	8.11	23	
Total Xylenes	14.6	0.0250	15.0	ND	97.6	70-130	8.44	26	
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/2/2025 3:27:18PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2526152-BLK1) Prepared: 06/27/25 Analyzed: 06/30/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.22		8.00		90.2	70-130			

LCS (2526152-BS2) Prepared: 06/27/25 Analyzed: 06/30/25

Gasoline Range Organics (C6-C10)	37.4	20.0	50.0		74.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

Matrix Spike (2526152-MS2) Source: E506267-01 Prepared: 06/27/25 Analyzed: 06/30/25

Gasoline Range Organics (C6-C10)	38.1	20.0	50.0	ND	76.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

Matrix Spike Dup (2526152-MSD2) Source: E506267-01 Prepared: 06/27/25 Analyzed: 06/30/25

Gasoline Range Organics (C6-C10)	43.9	20.0	50.0	ND	87.9	70-130	14.1	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/2/2025 3:27:18PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2527042-BLK1)					Prepared: 06/30/25 Analyzed: 07/01/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	62.0		50.0		124	61-141			

LCS (2527042-BS1)					Prepared: 06/30/25 Analyzed: 07/01/25				
Diesel Range Organics (C10-C28)	275	25.0	250		110	66-144			
Surrogate: n-Nonane	50.7		50.0		101	61-141			

Matrix Spike (2527042-MS1)					Source: E506276-05		Prepared: 06/30/25 Analyzed: 07/01/25		
Diesel Range Organics (C10-C28)	2470	25.0	250	2470	2.37	56-156			M4
Surrogate: n-Nonane	64.0		50.0		128	61-141			

Matrix Spike Dup (2527042-MSD1)					Source: E506276-05		Prepared: 06/30/25 Analyzed: 07/01/25		
Diesel Range Organics (C10-C28)	2570	25.0	250	2470	41.8	56-156	3.91	20	M4
Surrogate: n-Nonane	64.0		50.0		128	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/2/2025 3:27:18PM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2527045-BLK1)					Prepared: 07/01/25 Analyzed: 07/01/25				
Chloride	ND	20.0							
LCS (2527045-BS1)					Prepared: 07/01/25 Analyzed: 07/01/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2527045-MS1)					Source: E506263-03		Prepared: 07/01/25 Analyzed: 07/02/25		
Chloride	618	20.0	250	358	104	80-120			
Matrix Spike Dup (2527045-MSD1)					Source: E506263-03		Prepared: 07/01/25 Analyzed: 07/02/25		
Chloride	612	20.0	250	358	102	80-120	0.897	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:	Boundary Raider 6 7 Fed Com #213H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/02/25 15:27

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

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

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



Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project: Boundary Raider 6 7 Fed Com #213H				Address: 5315 Buena Vista Dr		E501204	0058-0007				x	x						
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: (575)689-7597														
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@envirotech.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information						Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
1000	6/25/25	Soil	1	SS07-0'		1								+		2.4		
122A				SS07-1'		2								+		2.0		
1051				SS09-0'		3								+		1.6		
1242				SS09-05'		4								+		1.0		
1013				SS10-0'		5								+		0.9		
1248				SS10-1'		6								+		1.1		
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@envirotech.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com, gsanchez@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Jenna Hinkle																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N										
Jenna Hinkle		6/26/25	7:00	Michelle Gonzales		6-26-25	0700											
Michelle Gonzales		6-26-25	1620	Michelle Gonzales		6-26-25	1620											
J.M.		6-26-25	2300	Michelle Gonzales		6-27-25	700											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Envirotech Analytical Laboratory

Printed: 6/27/2025 12:41:00PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	06/27/25 07:00	Work Order ID:	E506264
Phone:	(505) 382-1211	Date Logged In:	06/26/25 15:47	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	07/03/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 7 Fed Com
#213H

Work Order: E506265

Job Number: 01058-0007

Received: 6/27/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/10/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/10/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E506265
Date Received: 6/27/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/27/2025 7:00:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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mgonzaless@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/10/25 09:45

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS07A-0'	E506265-01A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.
SS07A-1'	E506265-02A	Soil	06/25/25	06/27/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/10/2025 9:45:14AM

SS07A-0'

E506265-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2527119	
Benzene	ND	0.0250	1	07/03/25	07/07/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/07/25	
Toluene	ND	0.0250	1	07/03/25	07/07/25	
o-Xylene	ND	0.0250	1	07/03/25	07/07/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/07/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		86.0 %	70-130	07/03/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2527119	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		96.4 %	70-130	07/03/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2528006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/25	07/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/07/25	07/09/25	
<i>Surrogate: n-Nonane</i>		90.4 %	61-141	07/07/25	07/09/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM		Batch: 2527122	
Chloride	ND	20.0	1	07/03/25	07/06/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/10/2025 9:45:14AM

SS07A-1'

E506265-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2527119	
Benzene	ND	0.0250	1	07/03/25	07/07/25	
Ethylbenzene	ND	0.0250	1	07/03/25	07/07/25	
Toluene	ND	0.0250	1	07/03/25	07/07/25	
o-Xylene	ND	0.0250	1	07/03/25	07/07/25	
p,m-Xylene	ND	0.0500	1	07/03/25	07/07/25	
Total Xylenes	ND	0.0250	1	07/03/25	07/07/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.1 %	70-130		07/03/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2527119	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/03/25	07/07/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.8 %	70-130		07/03/25	07/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2528006	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/07/25	07/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/07/25	07/08/25	
<i>Surrogate: n-Nonane</i>						
	96.4 %	61-141		07/07/25	07/08/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: JM		Batch: 2527122	
Chloride	668	20.0	1	07/03/25	07/06/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/10/2025 9:45:14AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2527119-BLK1)

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.85		8.00		85.7	70-130			

LCS (2527119-BS1)

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

Benzene	5.43	0.0250	5.00		109	70-130			
Ethylbenzene	5.35	0.0250	5.00		107	70-130			
Toluene	5.42	0.0250	5.00		108	70-130			
o-Xylene	5.29	0.0250	5.00		106	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.98		8.00		87.2	70-130			

Matrix Spike (2527119-MS1)

Source: E507019-05

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

Benzene	4.69	0.0250	5.00	ND	93.9	70-130			
Ethylbenzene	4.60	0.0250	5.00	ND	92.0	70-130			
Toluene	4.66	0.0250	5.00	ND	93.3	70-130			
o-Xylene	4.62	0.0250	5.00	ND	92.3	70-130			
p,m-Xylene	9.34	0.0500	10.0	ND	93.4	70-130			
Total Xylenes	14.0	0.0250	15.0	ND	93.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.6	70-130			

Matrix Spike Dup (2527119-MSD1)

Source: E507019-05

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

Benzene	4.45	0.0250	5.00	ND	89.0	70-130	5.37	27	
Ethylbenzene	4.36	0.0250	5.00	ND	87.2	70-130	5.40	26	
Toluene	4.43	0.0250	5.00	ND	88.5	70-130	5.23	20	
o-Xylene	4.40	0.0250	5.00	ND	88.0	70-130	4.79	25	
p,m-Xylene	8.86	0.0500	10.0	ND	88.6	70-130	5.33	23	
Total Xylenes	13.3	0.0250	15.0	ND	88.4	70-130	5.15	26	
Surrogate: 4-Bromochlorobenzene-PID	6.96		8.00		87.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/10/2025 9:45:14AM

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 (2527119-BLK1) Prepared: 07/03/25 Analyzed: 07/07/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

LCS (2527119-BS2) Prepared: 07/03/25 Analyzed: 07/07/25

Gasoline Range Organics (C6-C10)	49.5	20.0	50.0		98.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			

Matrix Spike (2527119-MS2) Source: E507019-05 Prepared: 07/03/25 Analyzed: 07/07/25

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.5	70-130			

Matrix Spike Dup (2527119-MSD2) Source: E507019-05 Prepared: 07/03/25 Analyzed: 07/07/25

Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.4	70-130	0.847	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/10/2025 9:45:14AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528006-BLK1)

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

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.5		50.0		91.0	61-141			

LCS (2528006-BS1)

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

Diesel Range Organics (C10-C28)	234	25.0	250		93.8	66-144			
Surrogate: n-Nonane	45.1		50.0		90.3	61-141			

Matrix Spike (2528006-MS1)

Source: E507038-02

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

Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.5	56-156			
Surrogate: n-Nonane	46.5		50.0		92.9	61-141			

Matrix Spike Dup (2528006-MSD1)

Source: E507038-02

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

Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.1	56-156	0.441	20	
Surrogate: n-Nonane	45.4		50.0		90.8	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/10/2025 9:45:14AM

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 (2527122-BLK1)					Prepared: 07/03/25 Analyzed: 07/06/25				
Chloride	ND	20.0							
LCS (2527122-BS1)					Prepared: 07/03/25 Analyzed: 07/06/25				
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2527122-MS1)					Source: E506299-02		Prepared: 07/03/25 Analyzed: 07/06/25		
Chloride	322	20.0	250	45.5	111	80-120			
Matrix Spike Dup (2527122-MSD1)					Source: E506299-02		Prepared: 07/03/25 Analyzed: 07/06/25		
Chloride	310	20.0	250	45.5	106	80-120	3.79	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:	Boundary Raider 6 7 Fed Com #213H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/10/25 09:45

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

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Devon				Company: Devon Energy				Lab WO#				1D 2D 3D Std				NM CO UT TX			
Project: Boundary Raider 6 7 Fed Com #213H				Address: 5315 Buena Vista Dr				E504205				Job Number				x			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dv.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovento@ensolum.com																			
Sample Information								Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number		DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCED 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
1350	6/25/25	Soil	1	SS07A-0'		1													
1423	6/25/25	Soil	1	SS07A-1'		2													
Additional Instructions: Please CC: cburton@ensolum.com, agiovento@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com, gsanchez@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Jenna Twinkle																			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N			
Jenna Twinkle				6/26/25		7:00		Michelle Gonzales				6-26-25		0700					
Michelle Gonzales				6-26-25		11:20		L.H.				6-26-25		1620					
L.H.				6-26-25		7300		Caitlynn Mann				6-27-25		700					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 6/30/2025 1:34:00PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	06/27/25 07:00	Work Order ID:	E506265
Phone:	(505) 382-1211	Date Logged In:	06/26/25 15:52	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	07/03/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client InstructionComments/Resolution

Client Remark- Only run SS07A-0 & SS07A-1 if SS07-0 & SS07-1 on WO E206264 is >100 TPH or >600 CL.

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: Boundary Raider 6 7 Fed Com
#213H

Work Order: E507045

Job Number: 01058-0007

Received: 7/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/11/25

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: 7/11/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E507045
Date Received: 7/8/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/8/2025 8:00:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported: 07/11/25 15:58
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS08-0'	E507045-01A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
SS08-1'	E507045-02A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
SS11-0'	E507045-03A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.
SS11-1'	E507045-04A	Soil	07/01/25	07/08/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/11/2025 3:58:33PM

SS08-0'

E507045-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	85.5 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	93.0 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: RAS		Batch: 2528058	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>	106 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: AK		Batch: 2528088	
Chloride	ND	20.0	1	07/08/25	07/09/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/11/2025 3:58:33PM

SS08-1'

E507045-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.1 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.2 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2528058	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528088	
Chloride	35.1	20.0	1	07/08/25	07/09/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/11/2025 3:58:33PM

SS11-0'

E507045-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.3 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2528050
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2528058
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	115 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: AK		Batch: 2528088
Chloride	81.5	20.0	1	07/08/25	07/10/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/11/2025 3:58:33PM

SS11-1'

E507045-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Benzene	ND	0.0250	1	07/08/25	07/11/25	
Ethylbenzene	ND	0.0250	1	07/08/25	07/11/25	
Toluene	ND	0.0250	1	07/08/25	07/11/25	
o-Xylene	ND	0.0250	1	07/08/25	07/11/25	
p,m-Xylene	ND	0.0500	1	07/08/25	07/11/25	
Total Xylenes	ND	0.0250	1	07/08/25	07/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.6 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2528050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/08/25	07/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		07/08/25	07/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2528058	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/08/25	07/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/08/25	07/10/25	
<i>Surrogate: n-Nonane</i>						
	117 %	61-141		07/08/25	07/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: AK		Batch: 2528088	
Chloride	66.4	20.0	1	07/08/25	07/10/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/11/2025 3:58:33PM

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 (2528050-BLK1)

Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.11		8.00		88.9	70-130			

LCS (2528050-BS1)

Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	5.95	0.0250	5.00		119	70-130			
Ethylbenzene	5.80	0.0250	5.00		116	70-130			
Toluene	5.90	0.0250	5.00		118	70-130			
o-Xylene	5.75	0.0250	5.00		115	70-130			
p,m-Xylene	11.7	0.0500	10.0		117	70-130			
Total Xylenes	17.4	0.0250	15.0		116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.6	70-130			

Matrix Spike (2528050-MS1)

Source: E507046-01

Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	4.94	0.0250	5.00	ND	98.7	70-130			
Ethylbenzene	4.85	0.0250	5.00	ND	97.0	70-130			
Toluene	4.93	0.0250	5.00	ND	98.5	70-130			
o-Xylene	4.86	0.0250	5.00	ND	97.1	70-130			
p,m-Xylene	9.80	0.0500	10.0	ND	98.0	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.07		8.00		88.4	70-130			

Matrix Spike Dup (2528050-MSD1)

Source: E507046-01

Prepared: 07/08/25 Analyzed: 07/10/25

Benzene	5.98	0.0250	5.00	ND	120	70-130	19.2	27	
Ethylbenzene	5.83	0.0250	5.00	ND	117	70-130	18.4	26	
Toluene	5.93	0.0250	5.00	ND	119	70-130	18.5	20	
o-Xylene	5.79	0.0250	5.00	ND	116	70-130	17.5	25	
p,m-Xylene	11.7	0.0500	10.0	ND	117	70-130	17.9	23	
Total Xylenes	17.5	0.0250	15.0	ND	117	70-130	17.8	26	
Surrogate: 4-Bromochlorobenzene-PID	7.09		8.00		88.6	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/11/2025 3:58:33PM

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 (2528050-BLK1)

Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.3	70-130			

LCS (2528050-BS2)

Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

Matrix Spike (2528050-MS2)

Source: E507046-01

Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	44.5	20.0	50.0	ND	89.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.8	70-130			

Matrix Spike Dup (2528050-MSD2)

Source: E507046-01

Prepared: 07/08/25 Analyzed: 07/10/25

Gasoline Range Organics (C6-C10)	47.0	20.0	50.0	ND	94.0	70-130	5.43	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/11/2025 3:58:33PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2528058-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	54.2		50.0		108	61-141			

LCS (2528058-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Diesel Range Organics (C10-C28)	279	25.0	250		112	66-144			
Surrogate: n-Nonane	53.8		50.0		108	61-141			

Matrix Spike (2528058-MS1)					Source: E507023-07		Prepared: 07/08/25 Analyzed: 07/10/25		
Diesel Range Organics (C10-C28)	262	25.0	250	ND	105	56-156			
Surrogate: n-Nonane	49.6		50.0		99.3	61-141			

Matrix Spike Dup (2528058-MSD1)					Source: E507023-07		Prepared: 07/08/25 Analyzed: 07/10/25		
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.1	56-156	5.62	20	
Surrogate: n-Nonane	48.5		50.0		97.0	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/11/2025 3:58:33PM

Anions by EPA 300.0/9056A

Analyst: AK

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 (2528088-BLK1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	ND	20.0							
LCS (2528088-BS1)					Prepared: 07/08/25 Analyzed: 07/09/25				
Chloride	250	20.0	250		100	90-110			
Matrix Spike (2528088-MS1)					Source: E507046-02		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	346	20.0	250	98.7	98.8	80-120			
Matrix Spike Dup (2528088-MSD1)					Source: E507046-02		Prepared: 07/08/25 Analyzed: 07/09/25		
Chloride	349	20.0	250	98.7	100	80-120	0.813	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:	Boundary Raider 6 7 Fed Com #213H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/11/25 15:58

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

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

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



Client Information				Invoice Information				Lab Use Only				TAT				State											
Client: Devon				Company: Devon Energy				Lab WO# E507045				Job Number 01058-0007				<table border="1"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Std</td> </tr> <tr> <td></td> <td></td> <td></td> <td>x</td> </tr> </table>				1D	2D	3D	Std				x
1D	2D	3D	Std																								
			x																								
Project: Boundary Raider 6 7 Fed Com #213H				Address: 5315 Buena Vista Dr												<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>TX</td> </tr> <tr> <td>x</td> <td></td> <td></td> <td></td> </tr> </table>				NM	CO	UT	TX	x			
NM	CO	UT	TX																								
x																											
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																							
Address: 3122 National Parks Hwy				Phone: (575)689-7597																							
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dnv.com																							
Phone: 575-988-0055				Miscellaneous: Jim Raley																							
Email: agiovengo@ensolum.com																											

Sample Information						Analysis and Method										EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
0607	7/1/2025	Soil	1	SS08-0'		1													
0926				SS08-1'		2													
0855				SS11-0'		3													
0931				SS11-1'		4													

Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com, gsanchez@ensolum.com

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

Sampled by: *Samir Hinkle*

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
<i>Samir Hinkle</i>	7/1/2025	7:00	<i>Michelle Gonzales</i>	7-3-25	0700
<i>Michelle Gonzales</i>	7-7-25	1500	<i>Richard Gonzales</i>	7-7-25	1520
<i>Richard Gonzales</i>	7-7-25	2330	<i>Caitlin Mann</i>	7-8-25	800

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

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

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

Envirotech Analytical Laboratory

Printed: 7/8/2025 11:02:51AM

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:	07/08/25 08:00	Work Order ID:	E507045
Phone:	(505) 382-1211	Date Logged In:	07/07/25 11:11	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	07/11/25 17:00 (3 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 7 Fed Com
#213H

Work Order: E507272

Job Number: 01058-0007

Received: 7/23/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/29/25

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: 7/29/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E507272
Date Received: 7/23/2025 7:30:39AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/23/2025 7:30:39AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/29/25 17:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01 - 3'	E507272-01A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.
PH01 - 4'	E507272-02A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.
PH01 - 5'	E507272-03A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.
PH03 - 2'	E507272-04A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.
PH06 - 4'	E507272-05A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.
PH07 - 3'	E507272-06A	Soil	07/21/25	07/23/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/29/2025 5:19:42PM

PH01 - 3'

E507272-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		105 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		112 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		105 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		107 %	61-141	07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531025
Chloride	402	20.0	1	07/28/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/29/2025 5:19:42PM

PH01 - 4'

E507272-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		105 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		109 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		105 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531033
Diesel Range Organics (C10-C28)	26.4	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		106 %	61-141	07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531025
Chloride	478	20.0	1	07/28/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/29/2025 5:19:42PM

PH01 - 5'

E507272-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		105 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		105 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		104 %	61-141	07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531025
Chloride	442	20.0	1	07/28/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/29/2025 5:19:42PM

PH03 - 2'

E507272-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		107 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		107 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		108 %	61-141	07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531025
Chloride	76.3	20.0	1	07/28/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/29/2025 5:19:42PM

PH06 - 4'

E507272-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Benzene	ND	0.0250	1	07/25/25	07/27/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/27/25	
Toluene	ND	0.0250	1	07/25/25	07/27/25	
o-Xylene	ND	0.0250	1	07/25/25	07/27/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/27/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		107 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/27/25	
Surrogate: Bromofluorobenzene		113 %	70-130	07/25/25	07/27/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/25/25	07/27/25	
Surrogate: Toluene-d8		107 %	70-130	07/25/25	07/27/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		116 %	61-141	07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531025
Chloride	464	20.0	1	07/28/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/29/2025 5:19:42PM

PH07 - 3'

E507272-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/25/25	07/28/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	07/25/25	07/28/25	
Surrogate: Toluene-d8		108 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2530154
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
Surrogate: Bromofluorobenzene		110 %	70-130	07/25/25	07/28/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	07/25/25	07/28/25	
Surrogate: Toluene-d8		108 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2531033
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/25	07/29/25	
Surrogate: n-Nonane		104 %	61-141	07/28/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: JM		Batch: 2531025
Chloride	34.8	20.0	1	07/28/25	07/29/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/29/2025 5:19:42PM

Volatile Organic Compounds by EPA 8260B

Analyst: BA

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

Blank (2530154-BLK1)

Prepared: 07/25/25 Analyzed: 07/27/25

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	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

LCS (2530154-BS1)

Prepared: 07/25/25 Analyzed: 07/27/25

Benzene	2.50	0.0250	2.50		100	70-130			
Ethylbenzene	2.57	0.0250	2.50		103	70-130			
Toluene	2.46	0.0250	2.50		98.3	70-130			
o-Xylene	2.52	0.0250	2.50		101	70-130			
p,m-Xylene	5.05	0.0500	5.00		101	70-130			
Total Xylenes	7.58	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.552		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike (2530154-MS1)

Source: E507256-03

Prepared: 07/25/25 Analyzed: 07/27/25

Benzene	2.62	0.0250	2.50	ND	105	48-131			
Ethylbenzene	2.71	0.0250	2.50	ND	108	45-135			
Toluene	2.58	0.0250	2.50	ND	103	48-130			
o-Xylene	2.60	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.18	0.0500	5.00	ND	104	43-135			
Total Xylenes	7.78	0.0250	7.50	ND	104	43-135			
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike Dup (2530154-MSD1)

Source: E507256-03

Prepared: 07/25/25 Analyzed: 07/27/25

Benzene	2.44	0.0250	2.50	ND	97.5	48-131	7.14	23	
Ethylbenzene	2.54	0.0250	2.50	ND	101	45-135	6.69	27	
Toluene	2.42	0.0250	2.50	ND	96.7	48-130	6.47	24	
o-Xylene	2.57	0.0250	2.50	ND	103	43-135	1.01	27	
p,m-Xylene	5.13	0.0500	5.00	ND	103	43-135	1.01	27	
Total Xylenes	7.70	0.0250	7.50	ND	103	43-135	1.01	27	
Surrogate: Bromofluorobenzene	0.572		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/29/2025 5:19:42PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2530154-BLK1)

Prepared: 07/25/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

LCS (2530154-BS2)

Prepared: 07/25/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.5	70-130			
Surrogate: Toluene-d8	0.540		0.500		108	70-130			

Matrix Spike (2530154-MS2)

Source: E507256-03

Prepared: 07/25/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	52.8	20.0	50.0	ND	106	70-130			
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

Matrix Spike Dup (2530154-MSD2)

Source: E507256-03

Prepared: 07/25/25 Analyzed: 07/27/25

Gasoline Range Organics (C6-C10)	53.1	20.0	50.0	ND	106	70-130	0.498	20	
Surrogate: Bromofluorobenzene	0.554		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.2	70-130			
Surrogate: Toluene-d8	0.531		0.500		106	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/29/2025 5:19:42PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: HM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2531033-BLK1)					Prepared: 07/28/25 Analyzed: 07/28/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.0		50.0		102	61-141			

LCS (2531033-BS1)					Prepared: 07/28/25 Analyzed: 07/28/25				
Diesel Range Organics (C10-C28)	265	25.0	250		106	66-144			
Surrogate: n-Nonane	50.4		50.0		101	61-141			

Matrix Spike (2531033-MS1)					Source: E507270-05		Prepared: 07/28/25 Analyzed: 07/28/25		
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156			
Surrogate: n-Nonane	50.1		50.0		100	61-141			

Matrix Spike Dup (2531033-MSD1)					Source: E507270-05		Prepared: 07/28/25 Analyzed: 07/28/25		
Diesel Range Organics (C10-C28)	300	25.0	250	ND	120	56-156	9.61	20	
Surrogate: n-Nonane	57.7		50.0		115	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/29/2025 5:19:42PM

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 (2531025-BLK1)					Prepared: 07/28/25 Analyzed: 07/29/25				
Chloride	ND	20.0							
LCS (2531025-BS1)					Prepared: 07/28/25 Analyzed: 07/29/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2531025-MS1)					Source: E507271-01		Prepared: 07/28/25 Analyzed: 07/29/25		
Chloride	9120	200	250	9600	NR	80-120			M2
Matrix Spike Dup (2531025-MSD1)					Source: E507271-01		Prepared: 07/28/25 Analyzed: 07/29/25		
Chloride	9430	200	250	9600	NR	80-120	3.35	20	M2

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/29/25 17:19

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Client Information				Invoice Information		Lab Use Only		TAT				State											
Client: Devon				Company: Devon Energy		Lab WO# E507272		Job Number 01058-0007				<table border="1"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Std</td> </tr> <tr> <td></td> <td></td> <td></td> <td>x</td> </tr> </table>				1D	2D	3D	Std				x
1D	2D	3D	Std																				
			x																				
Project: Boundary Raider 6 7 Fed Com #213H				Address: 5315 Buena Vista Dr								<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>TX</td> </tr> <tr> <td>x</td> <td></td> <td></td> <td></td> </tr> </table>				NM	CO	UT	TX	x			
NM	CO	UT	TX																				
x																							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																			
Address: 3122 National Parks Hwy				Phone: (575)689-7597																			
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dnv.com																			
Phone: 575-988-0055				Miscellaneous: Jim Raley																			
Email: agiovengo@ensolum.com																							
Sample Information						Analysis and Method								EPA Program									
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA					
1415	7/22/25	Soil	1	PH B101-3'		1								+		3.3							
1443				01-4'		2								+		3.4							
1454				01-5'		3								+		2.0							
1244				03-2'		4								+		2.5							
1204				06-4'		5								+		3.7							
1046				07-3'		6								+		2.5							
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, ihinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																							
Sampled by: Jenna Hinkle																							
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days.											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only Received on ice: ☒ Y ☐ N											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																							
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																							

Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Devon				Company: Devon Energy		Lab WO# E507272		Job Number 01058-0007		1D	2D	3D	Std	NM	CO	UT	TX	
Project: Boundary Raider 6 7 Fed Com #213H				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@env.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information										Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	RGDOC - NM	RGDOC - TX	SDWA	CWA	RCRA
1415	7/22/25	Soil	1	BH01-3'		1												
1443				01-4'		2												
1454				01-5'		3												
1244				03-2'		4												
1204				06-4'		5												
1046				07-3'		6												
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@env.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Jenna Hinkle																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N						
Jenna Hinkle		7/22/25		7:00		Michelle Gonzales		7-22-25		0700								
Michelle Gonzales		7-22-25		1445		Marissa Gonzales		7-22-25		1445								
Marissa Gonzales		7-22-25		1825		John M.		7-22-25		1825								
John M.		7-22-25		2230		Cathy Ma		7-23-25		730								
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		

Envirotech Analytical Laboratory

Printed: 7/23/2025 8:59:21AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	07/23/25 07:30	Work Order ID:	E507272
Phone:	(505) 382-1211	Date Logged In:	07/22/25 14:44	Logged In By:	Noe Soto
Email:	agiovento@ensolum.com	Due Date:	07/30/25 17:00 (5 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

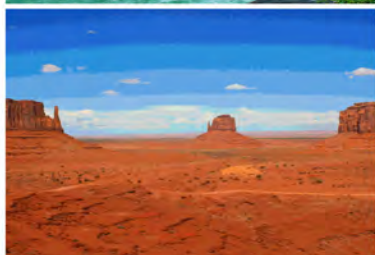
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 7 Fed Com
#213H

Work Order: E507285

Job Number: 01058-0007

Received: 7/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/30/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 7/30/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E507285
Date Received: 7/24/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2025 8:00:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

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Lynn Jarboe
Laboratory Technical Representative
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Cell: 505-320-4759
ljjarboe@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/30/25 10:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH02-4'	E507285-01A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH02-6'	E507285-02A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH02-7'	E507285-03A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH04-4'	E507285-04A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH04-6'	E507285-05A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH04-8'	E507285-06A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH05-2'	E507285-07A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH05-4'	E507285-08A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH05-5'	E507285-09A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH08-0'	E507285-10A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH08-2'	E507285-11A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH09-0'	E507285-12A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.
PH09-1'	E507285-13A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH02-4'

E507285-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.4 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>		93.7 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	2250	20.0	1	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH02-6'

E507285-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.0 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>		93.9 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	1610	20.0	1	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH02-7'

E507285-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.4 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>						
		95.9 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	286	20.0	1	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH04-4'

E507285-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.2 %	70-130		07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.9 %	70-130		07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>						
	93.7 %	61-141		07/29/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	2050	20.0	1	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH04-6'

E507285-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.0 %	70-130		07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.8 %	70-130		07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>						
	90.3 %	61-141		07/29/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	798	20.0	1	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH04-8'

E507285-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.5 %	70-130		07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>						
	94.3 %	61-141		07/29/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	305	20.0	1	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH05-2'

E507285-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.7 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>						
		94.0 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	1480	20.0	1	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH05-4'

E507285-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.5 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>						
		98.0 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	974	20.0	1	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH05-5'

E507285-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.4 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>						
		96.4 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	722	20.0	1	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH08-0'

E507285-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	0.150	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.0 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	325	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	238	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>						
		95.5 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	9770	200	10	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH08-2'

E507285-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.5 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>		92.6 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	268	20.0	1	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH09-0'

E507285-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.1 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	52.4	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>						
		93.9 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	395	20.0	1	07/29/25	07/29/25	



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/30/2025 10:23:31AM

PH09-1'

E507285-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Benzene	ND	0.0250	1	07/25/25	07/28/25	
Ethylbenzene	ND	0.0250	1	07/25/25	07/28/25	
Toluene	ND	0.0250	1	07/25/25	07/28/25	
o-Xylene	ND	0.0250	1	07/25/25	07/28/25	
p,m-Xylene	ND	0.0500	1	07/25/25	07/28/25	
Total Xylenes	ND	0.0250	1	07/25/25	07/28/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2530160	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/25/25	07/28/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.9 %	70-130	07/25/25	07/28/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2531050	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/29/25	07/29/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/29/25	07/29/25	
<i>Surrogate: n-Nonane</i>		94.7 %	61-141	07/29/25	07/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2531044	
Chloride	223	20.0	1	07/29/25	07/29/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/30/2025 10:23:31AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2530160-BLK1)

Prepared: 07/25/25 Analyzed: 07/28/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.9	70-130			

LCS (2530160-BS1)

Prepared: 07/25/25 Analyzed: 07/28/25

Benzene	5.09	0.0250	5.00		102	70-130			
Ethylbenzene	4.93	0.0250	5.00		98.6	70-130			
Toluene	5.03	0.0250	5.00		101	70-130			
o-Xylene	4.82	0.0250	5.00		96.5	70-130			
p,m-Xylene	9.91	0.0500	10.0		99.1	70-130			
Total Xylenes	14.7	0.0250	15.0		98.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.92		8.00		99.0	70-130			

Matrix Spike (2530160-MS1)

Source: E507285-02

Prepared: 07/25/25 Analyzed: 07/28/25

Benzene	5.34	0.0250	5.00	ND	107	70-130			
Ethylbenzene	5.16	0.0250	5.00	ND	103	70-130			
Toluene	5.27	0.0250	5.00	ND	105	70-130			
o-Xylene	5.06	0.0250	5.00	ND	101	70-130			
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130			
Total Xylenes	15.4	0.0250	15.0	ND	103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			

Matrix Spike Dup (2530160-MSD1)

Source: E507285-02

Prepared: 07/25/25 Analyzed: 07/28/25

Benzene	5.45	0.0250	5.00	ND	109	70-130	2.01	27	
Ethylbenzene	5.28	0.0250	5.00	ND	106	70-130	2.37	26	
Toluene	5.39	0.0250	5.00	ND	108	70-130	2.12	20	
o-Xylene	5.18	0.0250	5.00	ND	104	70-130	2.27	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	2.33	23	
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130	2.31	26	
Surrogate: 4-Bromochlorobenzene-PID	7.98		8.00		99.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/30/2025 10:23:31AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2530160-BLK1)

Prepared: 07/25/25 Analyzed: 07/28/25

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

LCS (2530160-BS2)

Prepared: 07/25/25 Analyzed: 07/28/25

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.2	70-130			

Matrix Spike (2530160-MS2)

Source: E507285-02

Prepared: 07/25/25 Analyzed: 07/28/25

Gasoline Range Organics (C6-C10)	52.1	20.0	50.0	ND	104	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.56		8.00		94.5	70-130			

Matrix Spike Dup (2530160-MSD2)

Source: E507285-02

Prepared: 07/25/25 Analyzed: 07/28/25

Gasoline Range Organics (C6-C10)	53.6	20.0	50.0	ND	107	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:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/30/2025 10:23:31AM

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 (2531050-BLK1)					Prepared: 07/29/25 Analyzed: 07/29/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	44.1		50.0		88.2	61-141			

LCS (2531050-BS1)					Prepared: 07/29/25 Analyzed: 07/29/25				
Diesel Range Organics (C10-C28)	244	25.0	250		97.5	66-144			
Surrogate: n-Nonane	45.0		50.0		90.0	61-141			

Matrix Spike (2531050-MS1)					Source: E507285-02		Prepared: 07/29/25 Analyzed: 07/29/25		
Diesel Range Organics (C10-C28)	281	25.0	250	ND	112	56-156			
Surrogate: n-Nonane	49.3		50.0		98.6	61-141			

Matrix Spike Dup (2531050-MSD1)					Source: E507285-02		Prepared: 07/29/25 Analyzed: 07/29/25		
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	56-156	1.19	20	
Surrogate: n-Nonane	49.8		50.0		99.5	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/30/2025 10:23:31AM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2531044-BLK1)					Prepared: 07/29/25 Analyzed: 07/29/25				
Chloride	ND	20.0							
LCS (2531044-BS1)					Prepared: 07/29/25 Analyzed: 07/29/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2531044-MS1)					Source: E507285-04		Prepared: 07/29/25 Analyzed: 07/29/25		
Chloride	1860	20.0	250	2050	NR	80-120			M4
Matrix Spike Dup (2531044-MSD1)					Source: E507285-04		Prepared: 07/29/25 Analyzed: 07/29/25		
Chloride	1860	20.0	250	2050	NR	80-120	0.0423	20	M4

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



Definitions and Notes

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/30/25 10:23

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

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

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



Client Information				Invoice Information		Lab Use Only		TAT		State								
Client: Devon				Company: Devon Energy		Lab WO# E507285		Job Number 01058-0007		1D	2D	3D	Std	NM	CO	UT	TX	
Project: Boundary Raider 6 7 Fed Com #213H				Address: 5315 Buena Vista Dr										X				
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: (575)689-7597														
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information										Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA
0825	7/23/25	Soil	1	PH02-4'		1								X		1.1		
0918				02-6'		2								X		2.6		
0927				02-7'		3								X		1.4		
0840				04-4'		4								X		2.8		
0935				04-6'		5								X		1.8		
1005				04-8'		6								X		2.8		
1143				05-2'		7								X		2.8		
1148				05-4'		8								X		3.0		
1239				05-5'		9								X		3.3		
1306				08-0'		10								X		2.4		
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, igonzales@ensolum.com, jmccauley@ensolum.com																		
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																		
Sampled by: Jenna Hinkle																		
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N						
Jenna Hinkle		7/23/25		7:00		Michelle Gonzales		7-23-25		0700								
Michelle Gonzales		7-23-25		1500		Marisasa Gonzales		7-23-25		1500								
Marisasa Gonzales		7-23-25		2345		Caitlin Man		7-24-25		800								
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: 7/24/2025 9:39:40AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	07/24/25 08:00	Work Order ID:	E507285
Phone:	(505) 382-1211	Date Logged In:	07/23/25 15:05	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	07/30/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 7 Fed Com
#213H

Work Order: E507286

Job Number: 01058-0007

Received: 7/24/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/5/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 8/5/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E507286
Date Received: 7/24/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/24/2025 8:00:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H 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:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/05/25 11:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH05-6'	E507286-01A	Soil	07/22/25	07/24/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
8/5/2025 11:58:26AM

PH05-6'

E507286-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2532001	
Benzene	ND	0.0250	1	08/04/25	08/04/25	
Ethylbenzene	ND	0.0250	1	08/04/25	08/04/25	
Toluene	ND	0.0250	1	08/04/25	08/04/25	
o-Xylene	ND	0.0250	1	08/04/25	08/04/25	
p,m-Xylene	ND	0.0500	1	08/04/25	08/04/25	
Total Xylenes	ND	0.0250	1	08/04/25	08/04/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.9 %	70-130		08/04/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2532001	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/04/25	08/04/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.4 %	70-130		08/04/25	08/04/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2531123	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/31/25	08/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	07/31/25	08/01/25	
<i>Surrogate: n-Nonane</i>	104 %	61-141		07/31/25	08/01/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2531127	
Chloride	258	20.0	1	07/31/25	07/31/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/5/2025 11:58:26AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2532001-BLK1)

Prepared: 08/04/25 Analyzed: 08/04/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.9	70-130			

LCS (2532001-BS1)

Prepared: 08/04/25 Analyzed: 08/04/25

Benzene	5.16	0.0250	5.00		103	70-130			
Ethylbenzene	5.04	0.0250	5.00		101	70-130			
Toluene	5.11	0.0250	5.00		102	70-130			
o-Xylene	5.09	0.0250	5.00		102	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			

Matrix Spike (2532001-MS1)

Source: E507363-04

Prepared: 08/04/25 Analyzed: 08/04/25

Benzene	4.98	0.0250	5.00	ND	99.6	70-130			
Ethylbenzene	4.87	0.0250	5.00	ND	97.3	70-130			
Toluene	4.93	0.0250	5.00	ND	98.6	70-130			
o-Xylene	4.90	0.0250	5.00	ND	98.1	70-130			
p,m-Xylene	9.81	0.0500	10.0	ND	98.1	70-130			
Total Xylenes	14.7	0.0250	15.0	ND	98.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.64		8.00		95.5	70-130			

Matrix Spike Dup (2532001-MSD1)

Source: E507363-04

Prepared: 08/04/25 Analyzed: 08/04/25

Benzene	4.97	0.0250	5.00	ND	99.4	70-130	0.206	27	
Ethylbenzene	4.86	0.0250	5.00	ND	97.2	70-130	0.138	26	
Toluene	4.92	0.0250	5.00	ND	98.4	70-130	0.212	20	
o-Xylene	4.89	0.0250	5.00	ND	97.9	70-130	0.209	25	
p,m-Xylene	9.81	0.0500	10.0	ND	98.1	70-130	0.0556	23	
Total Xylenes	14.7	0.0250	15.0	ND	98.0	70-130	0.107	26	
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/5/2025 11:58:26AM

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 (2532001-BLK1) Prepared: 08/04/25 Analyzed: 08/04/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			

LCS (2532001-BS2) Prepared: 08/04/25 Analyzed: 08/04/25

Gasoline Range Organics (C6-C10)	56.7	20.0	50.0		113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Matrix Spike (2532001-MS2) Source: E507363-04 Prepared: 08/04/25 Analyzed: 08/04/25

Gasoline Range Organics (C6-C10)	55.5	20.0	50.0	ND	111	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.52		8.00		94.0	70-130			

Matrix Spike Dup (2532001-MSD2) Source: E507363-04 Prepared: 08/04/25 Analyzed: 08/04/25

Gasoline Range Organics (C6-C10)	56.2	20.0	50.0	ND	112	70-130	1.17	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.18		8.00		89.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/5/2025 11:58:26AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2531123-BLK1)

Prepared: 07/31/25 Analyzed: 07/31/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.0		50.0		102	61-141			

LCS (2531123-BS1)

Prepared: 07/31/25 Analyzed: 07/31/25

Diesel Range Organics (C10-C28)	286	25.0	250		114	66-144			
Surrogate: n-Nonane	50.1		50.0		100	61-141			

Matrix Spike (2531123-MS1)

Source: E507331-04

Prepared: 07/31/25 Analyzed: 07/31/25

Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	56-156			
Surrogate: n-Nonane	50.5		50.0		101	61-141			

Matrix Spike Dup (2531123-MSD1)

Source: E507331-04

Prepared: 07/31/25 Analyzed: 08/01/25

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156	0.481	20	
Surrogate: n-Nonane	49.6		50.0		99.3	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/5/2025 11:58:26AM

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 (2531127-BLK1)					Prepared: 07/31/25 Analyzed: 07/31/25				
Chloride	ND	20.0							
LCS (2531127-BS1)					Prepared: 07/31/25 Analyzed: 07/31/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2531127-MS1)					Source: E507331-03		Prepared: 07/31/25 Analyzed: 07/31/25		
Chloride	454	20.0	250	191	105	80-120			
Matrix Spike Dup (2531127-MSD1)					Source: E507331-03		Prepared: 07/31/25 Analyzed: 07/31/25		
Chloride	452	20.0	250	191	104	80-120	0.514	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:	Boundary Raider 6 7 Fed Com #213H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/05/25 11:58

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

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

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

Client Information				Invoice Information				Lab Use Only				TAT				State			
Client: Devon				Company: Devon Energy				Lab WO#		Job Number		1D	2D	3D	Std	NM	CO	UT	TX
Project: Boundary Raider 6 7 Fed Com #213H				Address: 5315 Buena Vista Dr				E007286		0058-0057					x	x			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@env.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			
Sample Information								Analysis and Method				EPA Program							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BCDOC - NM	BCDOC - TX	SDWA	CWA	RCRA	
1258	7/23/25	Soil	1	PH05-6'		1								+					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@env.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com, jhinkle@ensolum.com, akone@ensolum.com, jgonzales@ensolum.com, jmccauley@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Jenna Hinkle																			
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y N			
Jenna Hinkle				7/23/2025		7:00		Michelle Gonzales				7-23-25		0700					
Michelle Gonzales				7-23-25		1500		Marissa Gonzales				7-23-25		1500					
Marissa Gonzales				7-23-25		2345		Cathy Man				7-24-25		800					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time					
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 7/24/2025 9:41:46AM

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:	07/24/25 08:00	Work Order ID:	E507286
Phone:	(505) 382-1211	Date Logged In:	07/23/25 15:11	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	07/30/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Client Remark- Only run if PH05-5 is
>600 Cl or >100 TPH.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

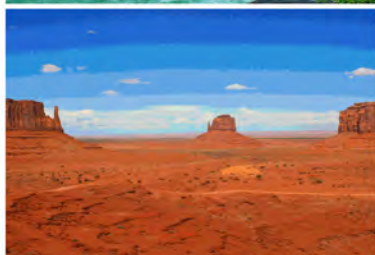
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 7 Fed Com
#213H

Work Order: E509062

Job Number: 01058-0007

Received: 9/9/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/24/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/24/25



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

Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E509062
Date Received: 9/9/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/9/2025 7:15:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H 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:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/24/25 11:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-0.25'	E509062-01A	Soil	09/05/25	09/09/25	Glass Jar, 2 oz.
FS03-0.25'	E509062-02A	Soil	09/05/25	09/09/25	Glass Jar, 2 oz.
FS05-1'	E509062-03A	Soil	09/05/25	09/09/25	Glass Jar, 2 oz.
FS09-1'	E509062-04A	Soil	09/05/25	09/09/25	Glass Jar, 2 oz.
SW02- 0-1'	E509062-05A	Soil	09/05/25	09/09/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Boundary Raider 6 7 Fed Com #213H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/24/2025 11:27:00AM
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FS01-0.25'

E509062-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2537033	
Benzene	ND	0.0250	1	09/09/25	09/10/25	
Ethylbenzene	ND	0.0250	1	09/09/25	09/10/25	
Toluene	ND	0.0250	1	09/09/25	09/10/25	
o-Xylene	ND	0.0250	1	09/09/25	09/10/25	
p,m-Xylene	ND	0.0500	1	09/09/25	09/10/25	
Total Xylenes	ND	0.0250	1	09/09/25	09/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		113 %	70-130	09/09/25	09/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2537033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/09/25	09/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		95.1 %	70-130	09/09/25	09/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537048	
Diesel Range Organics (C10-C28)	94.8	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	75.2	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		92.3 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2537030	
Chloride	163	20.0	1	09/09/25	09/09/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/24/2025 11:27:00AM

FS03-0.25'

E509062-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2537033	
Benzene	ND	0.0250	1	09/09/25	09/10/25	
Ethylbenzene	ND	0.0250	1	09/09/25	09/10/25	
Toluene	ND	0.0250	1	09/09/25	09/10/25	
o-Xylene	ND	0.0250	1	09/09/25	09/10/25	
p,m-Xylene	ND	0.0500	1	09/09/25	09/10/25	
Total Xylenes	ND	0.0250	1	09/09/25	09/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		115 %	70-130	09/09/25	09/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2537033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/09/25	09/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.9 %	70-130	09/09/25	09/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537048	
Diesel Range Organics (C10-C28)	247	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	224	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		94.9 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2537030	
Chloride	1140	20.0	1	09/09/25	09/09/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/24/2025 11:27:00AM

FS05-1'

E509062-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2537033
Benzene	ND	0.0250	1	09/09/25	09/10/25	
Ethylbenzene	ND	0.0250	1	09/09/25	09/10/25	
Toluene	ND	0.0250	1	09/09/25	09/10/25	
o-Xylene	ND	0.0250	1	09/09/25	09/10/25	
p,m-Xylene	ND	0.0500	1	09/09/25	09/10/25	
Total Xylenes	ND	0.0250	1	09/09/25	09/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		116 %	70-130	09/09/25	09/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2537033
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/09/25	09/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.9 %	70-130	09/09/25	09/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2537048
Diesel Range Organics (C10-C28)	1200	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	1440	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>						
		97.2 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2537030
Chloride	7610	200	10	09/09/25	09/09/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/24/2025 11:27:00AM

FS09-1'

E509062-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2537033	
Benzene	ND	0.0250	1	09/09/25	09/10/25	
Ethylbenzene	ND	0.0250	1	09/09/25	09/10/25	
Toluene	ND	0.0250	1	09/09/25	09/10/25	
o-Xylene	ND	0.0250	1	09/09/25	09/10/25	
p,m-Xylene	ND	0.0500	1	09/09/25	09/10/25	
Total Xylenes	ND	0.0250	1	09/09/25	09/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		116 %	70-130	09/09/25	09/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2537033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/09/25	09/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.3 %	70-130	09/09/25	09/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537048	
Diesel Range Organics (C10-C28)	77.8	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	55.3	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		105 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2537030	
Chloride	10400	200	10	09/09/25	09/09/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/24/2025 11:27:00AM

SW02- 0-1'

E509062-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2537033	
Benzene	ND	0.0250	1	09/09/25	09/10/25	
Ethylbenzene	ND	0.0250	1	09/09/25	09/10/25	
Toluene	ND	0.0250	1	09/09/25	09/10/25	
o-Xylene	ND	0.0250	1	09/09/25	09/10/25	
p,m-Xylene	ND	0.0500	1	09/09/25	09/10/25	
Total Xylenes	ND	0.0250	1	09/09/25	09/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		114 %	70-130	09/09/25	09/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2537033	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/09/25	09/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		94.2 %	70-130	09/09/25	09/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2537048	
Diesel Range Organics (C10-C28)	46.8	25.0	1	09/09/25	09/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/09/25	09/10/25	
<i>Surrogate: n-Nonane</i>		95.6 %	61-141	09/09/25	09/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2537030	
Chloride	2180	40.0	2	09/09/25	09/09/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/24/2025 11:27:00AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2537033-BLK1)

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.99		8.00		112	70-130			

LCS (2537033-BS1)

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

Benzene	4.43	0.0250	5.00		88.5	70-130			
Ethylbenzene	4.46	0.0250	5.00		89.1	70-130			
Toluene	4.43	0.0250	5.00		88.5	70-130			
o-Xylene	4.51	0.0250	5.00		90.3	70-130			
p,m-Xylene	9.04	0.0500	10.0		90.4	70-130			
Total Xylenes	13.5	0.0250	15.0		90.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.90		8.00		111	70-130			

Matrix Spike (2537033-MS1)

Source: E509064-02

Prepared: 09/09/25 Analyzed: 09/10/25

Benzene	3.97	0.0250	5.00	ND	79.4	70-130			
Ethylbenzene	4.00	0.0250	5.00	ND	80.0	70-130			
Toluene	3.97	0.0250	5.00	ND	79.5	70-130			
o-Xylene	4.09	0.0250	5.00	ND	81.8	70-130			
p,m-Xylene	8.14	0.0500	10.0	ND	81.4	70-130			
Total Xylenes	12.2	0.0250	15.0	ND	81.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.97		8.00		112	70-130			

Matrix Spike Dup (2537033-MSD1)

Source: E509064-02

Prepared: 09/09/25 Analyzed: 09/10/25

Benzene	3.85	0.0250	5.00	ND	77.0	70-130	3.06	27	
Ethylbenzene	3.87	0.0250	5.00	ND	77.5	70-130	3.27	26	
Toluene	3.85	0.0250	5.00	ND	77.0	70-130	3.18	20	
o-Xylene	3.99	0.0250	5.00	ND	79.7	70-130	2.49	25	
p,m-Xylene	7.89	0.0500	10.0	ND	78.9	70-130	3.02	23	
Total Xylenes	11.9	0.0250	15.0	ND	79.2	70-130	2.84	26	
Surrogate: 4-Bromochlorobenzene-PID	8.95		8.00		112	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/24/2025 11:27:00AM

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 (2537033-BLK1) Prepared: 09/09/25 Analyzed: 09/09/25

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

LCS (2537033-BS2) Prepared: 09/09/25 Analyzed: 09/09/25

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.2	70-130			

Matrix Spike (2537033-MS2) Source: E509064-02 Prepared: 09/09/25 Analyzed: 09/10/25

Gasoline Range Organics (C6-C10)	54.6	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00		95.9	70-130			

Matrix Spike Dup (2537033-MSD2) Source: E509064-02 Prepared: 09/09/25 Analyzed: 09/10/25

Gasoline Range Organics (C6-C10)	46.9	20.0	50.0	ND	93.9	70-130	15.1	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/24/2025 11:27:00AM

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 (2537048-BLK1)					Prepared: 09/09/25 Analyzed: 09/10/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.3		50.0		92.6	61-141			

LCS (2537048-BS1)					Prepared: 09/09/25 Analyzed: 09/10/25				
Diesel Range Organics (C10-C28)	244	25.0	250		97.5	66-144			
Surrogate: n-Nonane	47.8		50.0		95.6	61-141			

Matrix Spike (2537048-MS1)					Source: E509064-06		Prepared: 09/09/25 Analyzed: 09/10/25		
Diesel Range Organics (C10-C28)	245	25.0	250	ND	98.0	56-156			
Surrogate: n-Nonane	48.1		50.0		96.3	61-141			

Matrix Spike Dup (2537048-MSD1)					Source: E509064-06		Prepared: 09/09/25 Analyzed: 09/10/25		
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.0	56-156	1.06	20	
Surrogate: n-Nonane	46.7		50.0		93.3	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/24/2025 11:27:00AM

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 (2537030-BLK1)					Prepared: 09/09/25 Analyzed: 09/09/25				
Chloride	ND	20.0							
LCS (2537030-BS1)					Prepared: 09/09/25 Analyzed: 09/09/25				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2537030-MS1)					Source: E509056-01		Prepared: 09/09/25 Analyzed: 09/09/25		
Chloride	357	20.0	250	93.4	105	80-120			
Matrix Spike Dup (2537030-MSD1)					Source: E509056-01		Prepared: 09/09/25 Analyzed: 09/09/25		
Chloride	350	20.0	250	93.4	102	80-120	2.12	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:	Boundary Raider 6 7 Fed Com #213H	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/24/25 11:27

- 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													
Company: Devon Energy Address: 5315 Buena Vista Dr City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Email: jim.raley@dv.com Miscellaneous: Jim Raley													
Lab WO# E509062 Job Number 01058-007													
TAT 1D 2D 3D Std X													
State NM CO UT TX X													
Analysis and Method													
DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	EPA Program SDWA CWA RCRA Compliance Y or N PWSID # Sample Temp Remarks				
9:46	9/5/2025	Soil	1	FS01 - 3"	Field Filter Lab Number	X			4.3				
9:48	9/5/2025	Soil	1	FS03 - 3"		X			4.5				
9:51	9/5/2025	Soil	1	FS05 - 1'		X			3.9				
9:53	9/5/2025	Soil	1	FS09 - 1'		X			3.7				
9:55	9/5/2025	Soil	1	SW02 - 0-1'		X			4.1				
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com													
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.													
Sampled by: Israel Estrella													
Relinquished by: (Signature)						Date	Time	Received by: (Signature)			Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: Y/N
Michelle Gonzales						9/8/25	7:11	Michelle Gonzales			9-8-25	0711	
						9-8-25	1500	Marissa Gonzales			9-8-25	1500	
Marissa Gonzales						9-8-25	1945	Andrew Musso			9-8-25	1945	
Andrew Musso						9-8-25	2400	Noe Sob			9-9-25	0715	
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.													

Envirotech Analytical Laboratory

Printed: 9/9/2025 10:27:44AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	09/09/25 07:15	Work Order ID:	E509062
Phone:	(505) 382-1211	Date Logged In:	09/08/25 15:32	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	09/15/25 07:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



Chain of Custody

[illegible]

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 7 Fed Com
#213H

Work Order: E509153

Job Number: 01058-0007

Received: 9/16/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
9/22/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 9/22/25



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

Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E509153
Date Received: 9/16/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/16/2025 7:30:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
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Cell: 775-287-1762
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Boundary Raider 6 7 Fed Com #213H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 09/22/25 15:28
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS02 - 1'	E509153-01A	Soil	09/12/25	09/16/25	Glass Jar, 2 oz.
FS04 - 1'	E509153-02A	Soil	09/12/25	09/16/25	Glass Jar, 2 oz.
FS06 - 1'	E509153-03A	Soil	09/12/25	09/16/25	Glass Jar, 2 oz.
FS07 - 1.5'	E509153-04A	Soil	09/12/25	09/16/25	Glass Jar, 2 oz.
FS08 - 1.5'	E509153-05A	Soil	09/12/25	09/16/25	Glass Jar, 2 oz.
SW01 - 0-1.5'	E509153-06A	Soil	09/12/25	09/16/25	Glass Jar, 2 oz.
SW03 - 0-1'	E509153-07A	Soil	09/12/25	09/16/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/22/2025 3:28:06PM

FS02 - 1'

E509153-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2538035	
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	92.5 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2538035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.8 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2538029	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/25	09/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/25	09/16/25	
<i>Surrogate: n-Nonane</i>	99.4 %	61-141		09/16/25	09/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2538041	
Chloride	770	20.0	1	09/16/25	09/16/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/22/2025 3:28:06PM

FS04 - 1'

E509153-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2538035	
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.0 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2538035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.4 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2538029	
Diesel Range Organics (C10-C28)	649	25.0	1	09/16/25	09/18/25	
Oil Range Organics (C28-C36)	356	50.0	1	09/16/25	09/18/25	
<i>Surrogate: n-Nonane</i>	93.0 %	61-141		09/16/25	09/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2538041	
Chloride	1560	20.0	1	09/16/25	09/16/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/22/2025 3:28:06PM

FS06 - 1'

E509153-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2538035	
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	<i>94.0 %</i>	<i>70-130</i>		<i>09/16/25</i>	<i>09/17/25</i>	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2538035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	<i>91.7 %</i>	<i>70-130</i>		<i>09/16/25</i>	<i>09/17/25</i>	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2538029	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/25	09/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/25	09/16/25	
<i>Surrogate: n-Nonane</i>	<i>92.7 %</i>	<i>61-141</i>		<i>09/16/25</i>	<i>09/16/25</i>	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2538041	
Chloride	3190	40.0	2	09/16/25	09/16/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/22/2025 3:28:06PM

FS07 - 1.5'

E509153-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538035
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.0 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538035
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.5 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538029
Diesel Range Organics (C10-C28)	374	25.0	1	09/16/25	09/16/25	
Oil Range Organics (C28-C36)	326	50.0	1	09/16/25	09/16/25	
<i>Surrogate: n-Nonane</i>						
	95.5 %	61-141		09/16/25	09/16/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538041
Chloride	1790	20.0	1	09/16/25	09/16/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/22/2025 3:28:06PM

FS08 - 1.5'

E509153-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538035
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
Surrogate: 4-Bromochlorobenzene-PID	93.1 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538035
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.4 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538029
Diesel Range Organics (C10-C28)	25.6	25.0	1	09/16/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/25	09/17/25	
Surrogate: n-Nonane	97.6 %	61-141		09/16/25	09/17/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538041
Chloride	3230	40.0	2	09/16/25	09/16/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/22/2025 3:28:06PM

SW01 - 0-1.5'

E509153-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538035
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	93.4 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2538035
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.9 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2538029
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/25	09/17/25	
<i>Surrogate: n-Nonane</i>						
	97.6 %	61-141		09/16/25	09/17/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2538041
Chloride	1040	20.0	1	09/16/25	09/16/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
9/22/2025 3:28:06PM

SW03 - 0-1'

E509153-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS		Batch: 2538035	
Benzene	ND	0.0250	1	09/16/25	09/17/25	
Ethylbenzene	ND	0.0250	1	09/16/25	09/17/25	
Toluene	ND	0.0250	1	09/16/25	09/17/25	
o-Xylene	ND	0.0250	1	09/16/25	09/17/25	
p,m-Xylene	ND	0.0500	1	09/16/25	09/17/25	
Total Xylenes	ND	0.0250	1	09/16/25	09/17/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	93.9 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS		Batch: 2538035	
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/16/25	09/17/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.3 %	70-130		09/16/25	09/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2538029	
Diesel Range Organics (C10-C28)	ND	25.0	1	09/16/25	09/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	09/16/25	09/17/25	
<i>Surrogate: n-Nonane</i>	99.2 %	61-141		09/16/25	09/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2538041	
Chloride	189	20.0	1	09/16/25	09/16/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/22/2025 3:28:06PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538035-BLK1)

Prepared: 09/16/25 Analyzed: 09/17/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.36		8.00		92.0	70-130			

LCS (2538035-BS1)

Prepared: 09/16/25 Analyzed: 09/17/25

Benzene	3.79	0.0250	5.00		75.9	70-130			
Ethylbenzene	3.68	0.0250	5.00		73.5	70-130			
Toluene	3.75	0.0250	5.00		74.9	70-130			
o-Xylene	3.74	0.0250	5.00		74.9	70-130			
p,m-Xylene	7.46	0.0500	10.0		74.6	70-130			
Total Xylenes	11.2	0.0250	15.0		74.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.1	70-130			

Matrix Spike (2538035-MS1)

Source: E509153-01

Prepared: 09/16/25 Analyzed: 09/17/25

Benzene	4.39	0.0250	5.00	ND	87.8	70-130			
Ethylbenzene	4.25	0.0250	5.00	ND	85.1	70-130			
Toluene	4.34	0.0250	5.00	ND	86.7	70-130			
o-Xylene	4.32	0.0250	5.00	ND	86.4	70-130			
p,m-Xylene	8.61	0.0500	10.0	ND	86.1	70-130			
Total Xylenes	12.9	0.0250	15.0	ND	86.2	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.46		8.00		93.2	70-130			

Matrix Spike Dup (2538035-MSD1)

Source: E509153-01

Prepared: 09/16/25 Analyzed: 09/17/25

Benzene	4.97	0.0250	5.00	ND	99.3	70-130	12.3	27	
Ethylbenzene	4.79	0.0250	5.00	ND	95.9	70-130	11.9	26	
Toluene	4.90	0.0250	5.00	ND	98.0	70-130	12.2	20	
o-Xylene	4.85	0.0250	5.00	ND	97.0	70-130	11.6	25	
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	70-130	11.7	23	
Total Xylenes	14.5	0.0250	15.0	ND	96.9	70-130	11.6	26	
Surrogate: 4-Bromochlorobenzene-PID	7.37		8.00		92.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/22/2025 3:28:06PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538035-BLK1)					Prepared: 09/16/25 Analyzed: 09/17/25				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			
LCS (2538035-BS2)					Prepared: 09/16/25 Analyzed: 09/19/25				
Gasoline Range Organics (C6-C10)	49.9	20.0	50.0		99.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.2	70-130			
Matrix Spike (2538035-MS2)					Source: E509153-01		Prepared: 09/16/25 Analyzed: 09/19/25		
Gasoline Range Organics (C6-C10)	49.4	20.0	50.0	ND	98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.8	70-130			
Matrix Spike Dup (2538035-MSD2)					Source: E509153-01		Prepared: 09/16/25 Analyzed: 09/19/25		
Gasoline Range Organics (C6-C10)	49.3	20.0	50.0	ND	98.7	70-130	0.154	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.15		8.00		89.3	70-130			



QC Summary Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Boundary Raider 6 7 Fed Com #213H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 9/22/2025 3:28:06PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KH

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2538029-BLK1)

Prepared: 09/16/25 Analyzed: 09/16/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.1		50.0		92.2	61-141			

LCS (2538029-BS1)

Prepared: 09/16/25 Analyzed: 09/16/25

Diesel Range Organics (C10-C28)	252	25.0	250		101	66-144			
Surrogate: n-Nonane	45.9		50.0		91.8	61-141			

Matrix Spike (2538029-MS1)

Source: E509153-02

Prepared: 09/16/25 Analyzed: 09/17/25

Diesel Range Organics (C10-C28)	652	25.0	250	649	1.12	56-156			M3
Surrogate: n-Nonane	48.8		50.0		97.7	61-141			

Matrix Spike Dup (2538029-MSD1)

Source: E509153-02

Prepared: 09/16/25 Analyzed: 09/17/25

Diesel Range Organics (C10-C28)	764	25.0	250	649	46.0	56-156	15.9	20	M3
Surrogate: n-Nonane	51.0		50.0		102	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	9/22/2025 3:28:06PM

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 (2538041-BLK1)					Prepared: 09/16/25 Analyzed: 09/16/25				
Chloride	ND	20.0							
LCS (2538041-BS1)					Prepared: 09/16/25 Analyzed: 09/16/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2538041-MS1)					Source: E509152-04		Prepared: 09/16/25 Analyzed: 09/16/25		
Chloride	295	20.0	250	37.2	103	80-120			
Matrix Spike Dup (2538041-MSD1)					Source: E509152-04		Prepared: 09/16/25 Analyzed: 09/16/25		
Chloride	298	20.0	250	37.2	104	80-120	1.20	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:	Boundary Raider 6 7 Fed Com #213H	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	09/22/25 15:28

- M3 Matrix spike recovery was outside quality control limits due to matrix interference. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite
- DNR Did not react with the addition of acid or base.

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

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



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: Boundary Raider 6 7 Fed Com #213H				Address: 5315 Buena Vista Dr		E 509153	101058-0007				x	x							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@envirotech.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8250	Chloride 300.0	TCEQ 1005-TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
11:57	9/12/2025	Soil	1	FS02 - 1'		1								x					
9:41	9/12/2025	Soil	1	FS04 - 1'		2								x					
9:43	9/12/2025	Soil	1	FS06 - 1'		3								x					
11:00	9/12/2025	Soil	1	FS07 - 1.5'		4								x					
9:46	9/12/2025	Soil	1	FS08 - 1.5'		5								x					
10:27	9/12/2025	Soil	1	SW01 - 0-1.5'		6								x					
11:58	9/12/2025	Soil	1	SW03 - 0-1'		7								x					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@envirotech.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Israel Estrella																			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: ☒ Y ☐ N													
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 9/16/2025 9:07:43AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	09/16/25 07:30	Work Order ID:	E509153
Phone:	(505) 382-1211	Date Logged In:	09/15/25 15:15	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	09/22/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

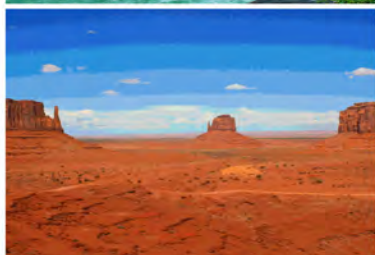
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 7 Fed Com
#213H

Work Order: E510004

Job Number: 01058-0007

Received: 10/2/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/3/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 10/3/25

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



Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E510004
Date Received: 10/2/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/2/2025 8:00:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/03/25 13:36

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS05-1.5-2.5'	E510004-01A	Soil	10/01/25	10/02/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 333 W Sheridan Avenue Oklahoma City OK, 73102-5010	Project Name: Boundary Raider 6 7 Fed Com #213H Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 10/3/2025 1:36:21PM
--	---	---

FS05-1.5-2.5'

E510004-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2540093	
Benzene	ND	0.0250	1	10/02/25	10/03/25	
Ethylbenzene	ND	0.0250	1	10/02/25	10/03/25	
Toluene	ND	0.0250	1	10/02/25	10/03/25	
o-Xylene	ND	0.0250	1	10/02/25	10/03/25	
p,m-Xylene	ND	0.0500	1	10/02/25	10/03/25	
Total Xylenes	ND	0.0250	1	10/02/25	10/03/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.5 %	70-130		10/02/25	10/03/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2540093	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/25	10/03/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.9 %	70-130		10/02/25	10/03/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2540088	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/02/25	10/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/02/25	10/02/25	
<i>Surrogate: n-Nonane</i>	88.5 %	61-141		10/02/25	10/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2540087	
Chloride	6430	100	5	10/02/25	10/02/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/3/2025 1:36:21PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2540093-BLK1)

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

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

LCS (2540093-BS1)

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

Benzene	4.71	0.0250	5.00		94.2	70-130			
Ethylbenzene	4.65	0.0250	5.00		93.0	70-130			
Toluene	4.68	0.0250	5.00		93.5	70-130			
o-Xylene	4.68	0.0250	5.00		93.6	70-130			
p,m-Xylene	9.41	0.0500	10.0		94.1	70-130			
Total Xylenes	14.1	0.0250	15.0		93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.79		8.00		97.4	70-130			

Matrix Spike (2540093-MS1)

Source: E510003-05

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

Benzene	5.01	0.0250	5.00	ND	100	70-130			
Ethylbenzene	4.95	0.0250	5.00	ND	99.1	70-130			
Toluene	4.99	0.0250	5.00	ND	99.7	70-130			
o-Xylene	4.96	0.0250	5.00	ND	99.2	70-130			
p,m-Xylene	10.0	0.0500	10.0	ND	100	70-130			
Total Xylenes	15.0	0.0250	15.0	ND	99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

Matrix Spike Dup (2540093-MSD1)

Source: E510003-05

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

Benzene	5.42	0.0250	5.00	ND	108	70-130	7.78	27	
Ethylbenzene	5.37	0.0250	5.00	ND	107	70-130	8.15	26	
Toluene	5.39	0.0250	5.00	ND	108	70-130	7.70	20	
o-Xylene	5.33	0.0250	5.00	ND	107	70-130	7.20	25	
p,m-Xylene	10.8	0.0500	10.0	ND	108	70-130	7.95	23	
Total Xylenes	16.2	0.0250	15.0	ND	108	70-130	7.70	26	
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.9	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/3/2025 1:36:21PM

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 (2540093-BLK1) Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			

LCS (2540093-BS2) Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			

Matrix Spike (2540093-MS2) Source: E510003-05 Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	56.6	20.0	50.0	ND	113	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.4	70-130			

Matrix Spike Dup (2540093-MSD2) Source: E510003-05 Prepared: 10/02/25 Analyzed: 10/02/25

Gasoline Range Organics (C6-C10)	61.5	20.0	50.0	ND	123	70-130	8.31	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/3/2025 1:36:21PM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2540088-BLK1)					Prepared: 10/02/25 Analyzed: 10/03/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.8		50.0		93.6	61-141			

LCS (2540088-BS1)					Prepared: 10/02/25 Analyzed: 10/02/25				
Diesel Range Organics (C10-C28)	244	25.0	250		97.6	66-144			
Surrogate: n-Nonane	47.7		50.0		95.5	61-141			

Matrix Spike (2540088-MS1)					Source: E510002-02		Prepared: 10/02/25 Analyzed: 10/02/25		
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156			
Surrogate: n-Nonane	48.3		50.0		96.6	61-141			

Matrix Spike Dup (2540088-MSD1)					Source: E510002-02		Prepared: 10/02/25 Analyzed: 10/02/25		
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	56-156	0.0496	20	
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/3/2025 1:36:21PM

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 (2540087-BLK1)					Prepared: 10/02/25 Analyzed: 10/02/25				
Chloride	ND	20.0							
LCS (2540087-BS1)					Prepared: 10/02/25 Analyzed: 10/02/25				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2540087-MS1)					Source: E510003-02		Prepared: 10/02/25 Analyzed: 10/02/25		
Chloride	254	20.0	250	ND	101	80-120			
Matrix Spike Dup (2540087-MSD1)					Source: E510003-02		Prepared: 10/02/25 Analyzed: 10/02/25		
Chloride	253	20.0	250	ND	101	80-120	0.392	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:	Boundary Raider 6 7 Fed Com #213H	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/03/25 13:36

- 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.



Woff 21613102

Chain of Custody

Page 1 of 1

Client Information				Invoice Information				Lab Use Only				TAT				State																							
Client: Devon				Company: Devon Energy				Lab WO# E510004				Job Number 01058-0007				<table border="1"> <tr> <td>1D</td> <td>2D</td> <td>3D</td> <td>Std</td> </tr> <tr> <td></td> <td>X</td> <td></td> <td></td> </tr> </table>				1D	2D	3D	Std		X			<table border="1"> <tr> <td>NM</td> <td>CO</td> <td>UT</td> <td>TX</td> </tr> <tr> <td>X</td> <td></td> <td></td> <td></td> </tr> </table>				NM	CO	UT	TX	X			
1D	2D	3D	Std																																				
	X																																						
NM	CO	UT	TX																																				
X																																							
Project: Boundary Raider 6 7 Federal Com #213H				Address: 5315 Buena Vista Dr																																			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220																																			
Address: 3122 National Parks Hwy				Phone: (575)689-7597																																			
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dnv.com																																			
Phone: 575-988-0055				Miscellaneous: Jim Raley																																			
Email: agiovengo@ensolum.com																																							
Sample Information								Analysis and Method								EPA Program																							
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number		DRO/ORO by 8015	GRO/DRO by 8015	BTX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA																				
8:47	10/1/2025	S	1	FS05 - 1.5-2.5'		1									X																								
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																																							
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																																							
Sampled by: 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 on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y/N)																											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time																													
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: 10/2/2025 9:56:35AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/02/25 08:00	Work Order ID:	E510004
Phone:	(505) 382-1211	Date Logged In:	10/01/25 15:32	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	10/03/25 17:00 (1 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

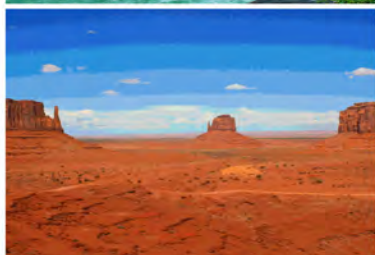
Date



envirotech Inc.

Report to:

Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 7 Fed Com
#213H

Work Order: E510091

Job Number: 01058-0007

Received: 10/9/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
10/15/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 10/15/25

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



Project Name: Boundary Raider 6 7 Fed Com #213H
Workorder: E510091
Date Received: 10/9/2025 3:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/9/2025 3:45:00AM, under the Project Name: Boundary Raider 6 7 Fed Com #213H.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 7 Fed Com #213H 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
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/15/25 15:11

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS07B-0'	E510091-01A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.
SS07B-1'	E510091-02A	Soil	10/07/25	10/09/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
10/15/2025 3:11:22PM

SS07B-0'

E510091-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2541111	
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/09/25	10/10/25	
Surrogate: 1,2-Dichloroethane-d4		88.2 %	70-130	10/09/25	10/10/25	
Surrogate: Toluene-d8		95.8 %	70-130	10/09/25	10/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2541111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/09/25	10/10/25	
Surrogate: 1,2-Dichloroethane-d4		88.2 %	70-130	10/09/25	10/10/25	
Surrogate: Toluene-d8		95.8 %	70-130	10/09/25	10/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2541104	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/09/25	
Surrogate: n-Nonane		92.7 %	61-141	10/09/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: TP		Batch: 2541117	
Chloride	32.6	20.0	1	10/09/25	10/09/25	



Sample Data

Devon Energy - Carlsbad
333 W Sheridan Avenue
Oklahoma City OK, 73102-5010

Project Name: Boundary Raider 6 7 Fed Com #213H
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
10/15/2025 3:11:22PM

SS07B-1'

E510091-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541111
Benzene	ND	0.0250	1	10/09/25	10/10/25	
Ethylbenzene	ND	0.0250	1	10/09/25	10/10/25	
Toluene	ND	0.0250	1	10/09/25	10/10/25	
o-Xylene	ND	0.0250	1	10/09/25	10/10/25	
p,m-Xylene	ND	0.0500	1	10/09/25	10/10/25	
Total Xylenes	ND	0.0250	1	10/09/25	10/10/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/09/25	10/10/25	
Surrogate: 1,2-Dichloroethane-d4		88.3 %	70-130	10/09/25	10/10/25	
Surrogate: Toluene-d8		97.1 %	70-130	10/09/25	10/10/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2541111
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/09/25	10/10/25	
Surrogate: Bromofluorobenzene		104 %	70-130	10/09/25	10/10/25	
Surrogate: 1,2-Dichloroethane-d4		88.3 %	70-130	10/09/25	10/10/25	
Surrogate: Toluene-d8		97.1 %	70-130	10/09/25	10/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: HM		Batch: 2541104
Diesel Range Organics (C10-C28)	ND	25.0	1	10/09/25	10/09/25	
Oil Range Organics (C28-C36)	ND	50.0	1	10/09/25	10/09/25	
Surrogate: n-Nonane		96.4 %	61-141	10/09/25	10/09/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: TP		Batch: 2541117
Chloride	64.5	20.0	1	10/09/25	10/09/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/15/2025 3:11:22PM

Volatile Organic Compounds by EPA 8260B

Analyst: SL

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

Blank (2541111-BLK1)

Prepared: 10/09/25 Analyzed: 10/10/25

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	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.440		0.500		88.0	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

LCS (2541111-BS1)

Prepared: 10/09/25 Analyzed: 10/10/25

Benzene	2.28	0.0250	2.50		91.1	70-130			
Ethylbenzene	2.39	0.0250	2.50		95.5	70-130			
Toluene	2.29	0.0250	2.50		91.6	70-130			
o-Xylene	2.42	0.0250	2.50		96.9	70-130			
p,m-Xylene	4.98	0.0500	5.00		99.6	70-130			
Total Xylenes	7.40	0.0250	7.50		98.7	70-130			
Surrogate: Bromofluorobenzene	0.536		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.427		0.500		85.3	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			

Matrix Spike (2541111-MS1)

Source: E510093-02

Prepared: 10/09/25 Analyzed: 10/10/25

Benzene	2.23	0.0250	2.50	ND	89.3	48-131			
Ethylbenzene	2.32	0.0250	2.50	ND	92.7	45-135			
Toluene	2.22	0.0250	2.50	ND	88.8	48-130			
o-Xylene	2.37	0.0250	2.50	ND	95.0	43-135			
p,m-Xylene	4.84	0.0500	5.00	ND	96.8	43-135			
Total Xylenes	7.21	0.0250	7.50	ND	96.2	43-135			
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.440		0.500		88.0	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

Matrix Spike Dup (2541111-MSD1)

Source: E510093-02

Prepared: 10/09/25 Analyzed: 10/10/25

Benzene	2.32	0.0250	2.50	ND	92.7	48-131	3.76	23	
Ethylbenzene	2.43	0.0250	2.50	ND	97.1	45-135	4.61	27	
Toluene	2.31	0.0250	2.50	ND	92.2	48-130	3.78	24	
o-Xylene	2.45	0.0250	2.50	ND	97.9	43-135	3.01	27	
p,m-Xylene	5.01	0.0500	5.00	ND	100	43-135	3.56	27	
Total Xylenes	7.46	0.0250	7.50	ND	99.5	43-135	3.38	27	
Surrogate: Bromofluorobenzene	0.524		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.445		0.500		89.0	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/15/2025 3:11:22PM

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 (2541111-BLK1)

Prepared: 10/09/25 Analyzed: 10/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.440		0.500		88.0	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			

LCS (2541111-BS2)

Prepared: 10/09/25 Analyzed: 10/10/25

Gasoline Range Organics (C6-C10)	53.7	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	0.526		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.426		0.500		85.1	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

Matrix Spike (2541111-MS2)

Source: E510093-02

Prepared: 10/09/25 Analyzed: 10/10/25

Gasoline Range Organics (C6-C10)	50.6	20.0	50.0	ND	101	70-130			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.434		0.500		86.7	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			

Matrix Spike Dup (2541111-MSD2)

Source: E510093-02

Prepared: 10/09/25 Analyzed: 10/10/25

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	ND	107	70-130	5.56	20	
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.425		0.500		84.9	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/15/2025 3:11:22PM

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 (2541104-BLK1)					Prepared: 10/09/25 Analyzed: 10/09/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.9		50.0		93.8	61-141			

LCS (2541104-BS1)					Prepared: 10/09/25 Analyzed: 10/09/25				
Diesel Range Organics (C10-C28)	288	25.0	250		115	66-144			
Surrogate: n-Nonane	52.4		50.0		105	61-141			

Matrix Spike (2541104-MS1)					Source: E510091-02		Prepared: 10/09/25 Analyzed: 10/09/25		
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	56-156			
Surrogate: n-Nonane	48.1		50.0		96.2	61-141			

Matrix Spike Dup (2541104-MSD1)					Source: E510091-02		Prepared: 10/09/25 Analyzed: 10/09/25		
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	56-156	0.590	20	
Surrogate: n-Nonane	47.5		50.0		95.0	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 7 Fed Com #213H	Reported:
333 W Sheridan Avenue	Project Number:	01058-0007	
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/15/2025 3:11:22PM

Anions by EPA 300.0/9056A

Analyst: TP

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

Blank (2541117-BLK1)					Prepared: 10/09/25 Analyzed: 10/09/25				
Chloride	ND	20.0							
LCS (2541117-BS1)					Prepared: 10/09/25 Analyzed: 10/09/25				
Chloride	259	20.0	250		104	90-110			
Matrix Spike (2541117-MS1)					Source: E510088-22		Prepared: 10/09/25 Analyzed: 10/09/25		
Chloride	475	20.0	250	232	97.0	80-120			
Matrix Spike Dup (2541117-MSD1)					Source: E510088-22		Prepared: 10/09/25 Analyzed: 10/09/25		
Chloride	472	20.0	250	232	96.0	80-120	0.510	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:	Boundary Raider 6 7 Fed Com #213H	
333 W Sheridan Avenue	Project Number:	01058-0007	Reported:
Oklahoma City OK, 73102-5010	Project Manager:	Ashley Giovengo	10/15/25 15:11

- 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.



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: Boundary Raider 6 7 Federal Com #213H				Address: 5315 Buena Vista Dr				ES10091		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@dmv.com																	
Phone: 575-988-0055				Miscellaneous: Jim Raley																	
Email: agiovengo@ensolum.com																					
Sample Information										Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA		
11:42	10/7/2025	S	1	SS07B - 0'			1									x					
11:48	10/7/2025	S	1	SS07B - 1'			2									x					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dmv.com, iestrella@ensolum.com, chamilton@ensolum.com, bmoir@ensolum.com																					
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																					
Sampled by: 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 on ice at a temperature above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice:  N									
Michelle Gonzales		10-8-25		8:00		Michelle Gonzales		10-8-25		0800											
Michelle Gonzales		10-8-25		1215		Marissa Gonzales		10-8-25		1215											
Marissa Gonzales		10-8-25		1715		Andreus Musso		10-8-25		1715											
Andreus Musso		10-8-25		2115		Nae Sab		10-9-25		0345											
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																					
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																					

Envirotech Analytical Laboratory

Printed: 10/9/2025 8:55:03AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/09/25 03:45	Work Order ID:	E510091
Phone:	(505) 382-1211	Date Logged In:	10/08/25 14:33	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	10/15/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



APPENDIX E

NMOCD Correspondence

From: [Buchanan, Michael, EMNRD](#)
To: [Cole Burton](#)
Cc: [Ashley Giovengo](#); [Raley, Jim](#); [Wells, Shelly, EMNRD](#)
Subject: RE: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Boundary Raider 6 7 Fed Com #213H - nAPP2516018968
Date: Friday, September 5, 2025 10:00:04 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

You don't often get email from michael.buchanan@emnrd.nm.gov. [Learn why this is important](#)

[**EXTERNAL EMAIL**]

Good morning, Cole

The 90-day extension request at Boundary Raider 6 7 Fed Com #213H (Site) (Incident Number nAPP2516018968) is approved. The incident file has been updated to reflect this change and the new deadline to submit a remediation closure report is 12/04/2025. Please keep a copy of this email chain for your records and submit it along with the next closure report.

Thank you,

From: Cole Burton <cburton@ensolum.com>
Sent: Thursday, September 4, 2025 7:08 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Ashley Giovengo <agiovengo@ensolum.com>; Raley, Jim <Jim.Raley@dyn.com>
Subject: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Boundary Raider 6 7 Fed Com #213H - nAPP2516018968

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

Hello all,

Devon Energy Production Company, LP (Devon) is requesting an extension for the current deadline of September 05, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Boundary Raider 6 7 Fed Com #213H (Site) (Incident Number nAPP2516018968). The release occurred on June 7, 2025, and 7 barrels (bbls) of produced water were released; 4 bbls of produced water were recovered. The release impacted an area on-pad approximately 1,318 square feet in size on Federal Land managed by the Bureau of Land Management (BLM). Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria has been completed at the Site (see Table 1 and Figure 2). Excavation of

the subject matter release is scheduled to begin on September 4, 2025. Devon intends to submit a remediation closure report upon receiving final laboratory analytical data from confirmation sampling activities. Devon respectfully requests a 90-day extension until December 4, 2025. Please let me know if you have any further questions regarding this site.

Thanks,



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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 502179

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 502179
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2516018968
Incident Name	NAPP2516018968 BOUNDARY RAIDER 6 7 FEDERAL COM #213H @ 30-025-44147
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44147] BOUNDARY RAIDER 6 7 FEDERAL COM #213H

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 7 FEDERAL COM #213H
Date Release Discovered	06/07/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,704
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	09/05/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Israel Estrella (575-291-9537)
Please provide any information necessary for navigation to sampling site	32.339223,-103.714976

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

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 502179

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 502179
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/3/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/3/2025

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QUESTIONS

Action 503674

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 503674
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2516018968
Incident Name	NAPP2516018968 BOUNDARY RAIDER 6 7 FEDERAL COM #213H @ 30-025-44147
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44147] BOUNDARY RAIDER 6 7 FEDERAL COM #213H

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 7 FEDERAL COM #213H
Date Release Discovered	06/07/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,704
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	09/11/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Israel Estrella (575-291-9537)
Please provide any information necessary for navigation to sampling site	32.339223,-103.714976

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CONDITIONS

Action 503674

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 503674
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/8/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/8/2025

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Santa Fe, NM 87505

QUESTIONS

Action 503684

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 503684
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2516018968
Incident Name	NAPP2516018968 BOUNDARY RAIDER 6 7 FEDERAL COM #213H @ 30-025-44147
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44147] BOUNDARY RAIDER 6 7 FEDERAL COM #213H

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 7 FEDERAL COM #213H
Date Release Discovered	06/07/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,704
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	09/12/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Israel Estrella (575-291-9537)
Please provide any information necessary for navigation to sampling site	32.339223,-103.714976

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CONDITIONS

Action 503684

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 503684
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/8/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/8/2025

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QUESTIONS

Action 510068

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 510068
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2516018968
Incident Name	NAPP2516018968 BOUNDARY RAIDER 6 7 FEDERAL COM #213H @ 30-025-44147
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-44147] BOUNDARY RAIDER 6 7 FEDERAL COM #213H

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 7 FEDERAL COM #213H
Date Release Discovered	06/07/2025
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	1,704
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	10/01/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Cole Burton @ 575-706-5056
Please provide any information necessary for navigation to sampling site	32.339223,-103.714976

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CONDITIONS

Action 510068

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 510068
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/29/2025
jraley	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/29/2025

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QUESTIONS

Action 520679

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 520679
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2516018968
Incident Name	NAPP2516018968 BOUNDARY RAIDER 6 7 FEDERAL COM #213H @ 30-025-44147
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-44147] BOUNDARY RAIDER 6 7 FEDERAL COM #213H

Location of Release Source

Please answer all the questions in this group.

Site Name	BOUNDARY RAIDER 6 7 FEDERAL COM #213H
Date Release Discovered	06/07/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Well Produced Water Released: 7 BBL Recovered: 4 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Stuffing box failure allowed 7 bbls to be released around wellhead. All fluids remained on location. 4 bbls recovered via vac truck.

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QUESTIONS, Page 2

Action 520679

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 520679
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 10/28/2025
--	---

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

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
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QUESTIONS, Page 3

Action 520679

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 520679
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 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)	9770
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	28037
GRO+DRO (EPA SW-846 Method 8015M)	19827
BTEX (EPA SW-846 Method 8021B or 8260B)	119
Benzene (EPA SW-846 Method 8021B or 8260B)	3
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	09/04/2025
On what date will (or did) the final sampling or liner inspection occur	10/01/2025
On what date will (or was) the remediation complete(d)	10/01/2025
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	1706
What is the estimated volume (in cubic yards) that will be remediated	150
<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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1220 S. St Francis Dr.
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QUESTIONS, Page 4

Action 520679

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 520679
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112334510 HALFWAY DISPOSAL AND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dv.com Date: 10/28/2025
<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 520679

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 520679
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 520679

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 520679
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	510068
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/01/2025
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	1704

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	1706
What was the total volume (cubic yards) remediated	150
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	Remediation Complete
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 10/28/2025

Sante Fe Main Office
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QUESTIONS, Page 7

Action 520679

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 520679
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

CONDITIONS

Action 520679

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 520679
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved.	11/4/2025
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	11/4/2025
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	11/4/2025
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	11/4/2025
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	11/4/2025
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	11/4/2025