



July 25, 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 Addendum
Boundary Raider 6 CTB 3
Incident Number nAPP2502728409
Lea County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Closure Request Addendum* to document assessment, excavation, and soil sampling activities at the Boundary Raider 6 CTB 3 (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of produced water and crude oil onto the well pad. Based on field observations, field screening activities, and soil sample laboratory analytical results, Devon is submitting this *Closure Request Addendum*, describing Site assessment, delineation, and excavation activities that have occurred and requesting no further action for Incident Number nAPP2502728409.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit L, Section 06, Township 23 South, Range 32 East, in Lea County, New Mexico (32.338689°, -103.711873°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On January 25, 2025, a sight glass on a separator failed, resulting in the release of approximately 31 barrels (bbls) of produced water and 8 bbls of crude oil onto the caliche pad. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 8 bbls of produced water and 7 bbls of crude oil were recovered from the pad surface. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via the NMOCD portal on January 27, 2025, and submitted a Release Notification Form C-141 on January 31, 2025. The release was assigned Incident Number nAPP2502728409. The Form C-141 can be referenced on the NMOCD Portal.

On June 18, 2025, NMOCD denied the *Closure Request* for Incident Number nAPP2502728409 for the following reasons:

1) Not enough sidewall samples collected given the size and depth of the excavation. Sidewall samples need to be collected all along the telecommunications line that separates the 4' excavation from the deeper excavation to ensure contamination not left in place beneath lines in addition to the perimeter of the entire excavation. 11 sidewall samples should have been collected from the large excavation; 10.4 was the number but I rounded up. Always round up to

the next highest whole number as the rule states "each composite sample is not representative of more than 200 square feet." 2) As no sidewall sample was collected around the 1' excavation area, and no delineation samples were collected there, OCD would like to see a delineation sample collected north and south of BH01 just past the excavation extents to ensure no contamination left there. 3) Under the Site Characterization portion of the C-141 application the minimum distances to the following are incorrect and need to be updated upon application resubmission: any lakebed, sinkhole, or playa lake (1-5 miles). Submit updated remediation closure report to the OCD by 8/18/25.

Ensolum has updated figures, laboratory analytical tables, and sample depths to provide a more accurate representation of the confirmation floor sample areas and sidewall soil sample areas.

What follows is a summary of the requested information and a subsequent closure request for the Site.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

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

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C 04951, located approximately 504 feet southwest of the Site. The well was drilled to assess depth to water and has a reported depth to groundwater greater than 110 feet below ground surface (bgs) and 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 record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an intermittent dry wash, located approximately 2.83 miles north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

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

SITE ASSESSMENT ACTIVITIES

On January 27, 2025, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Seven preliminary soil samples (SS01 through SS07) were collected around the release extent at ground surface to assess the lateral extent of the impacted area and five boreholes (BH01 through BH05) were advanced via a hand auger within the release extent to assess the vertical extent of impacted soil. Borehole BH01 was advanced to a depth of 3 feet bgs, boreholes BH02 and BH04 were advanced to a depth of 4 feet bgs, BH03 was advanced to a depth of 2 feet bgs, and BH05 was advanced to a depth of 6 feet bgs. On June 06, 2025, Ensolum personnel returned to the Site to collect additional lateral delineation soil samples. Four soil samples (SS12, SS12A, SS13, and SS14) were collected within and around the horizontal separators in order to address NMOCD's concerns regarding lateral delineation near BH01. Soil sample points SS08 through SS11 were associated with a separate spill on the Site. The preliminary soil samples were field screened for chloride and TPH utilizing Hach® chloride QuanTab® test strips and a PetroFLAG® Soil Analyzer System, respectively. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographs of field activities are included in Appendix B. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C.

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

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Beginning on April 10, 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, tracked excavator, hand digging, and belly dump trucks. The excavation occurred on the east side of the separators. To direct excavation activities, Ensolum personnel field screened soil for chloride and for TPH in the same manner as previously described.

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 FS28 were collected from the floor of the excavation at depths ranging from 0.5 feet to 8 feet bgs. Composite sidewall soil samples SW01 through SW06 were collected from the sidewalls of the excavation at depths ranging from ground surface to 4 feet bgs. Composite sidewall soil sample SW07 was collected from the sidewall surrounding confirmation floor samples FS01 through FS04 at depths ranging from 4 feet to 8 feet bgs. The outer sidewall area for the excavation extent, not including the 1-foot or 0.5-foot areas, measures out to a total of 1,365 square feet. This area requires a total of 6.8 sidewall samples which was rounded up to 7. The area along the buried pipelines is included in floor samples FS01 through FS09. 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 4,962 square feet. A total of approximately 920 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was

transported and properly disposed of at the Northern Delaware Basin Landfill, New Mexico. After completion of confirmation sampling, the excavation areas were secured with fencing.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples SS01 through SS07 indicated all COC concentrations were all in compliance with the strictest Closure Criteria per NMOCD Table I at ground surface. Laboratory analytical results for lateral soil samples SS12A and SS14 indicated all COC concentrations were all in compliance with the strictest Closure Criteria per NMOCD Table I at ground surface. Laboratory analytical results for lateral delineation soil samples SS12 and SS13 indicated all COC concentrations were all in compliance with the Site Closure Criteria at ground surface. Laboratory analytical results for borehole BH01 indicated all COCs were in compliance with the strictest Closure Criteria at 3 feet bgs. Laboratory analytical results for boreholes BH02 and BH04 indicated all COCs were in compliance with the strictest Closure Criteria at 4 feet bgs. Laboratory analytical results for borehole BH03 indicated all COCs were in compliance with the strictest Closure Criteria at 2 feet bgs. Laboratory analytical results for boreholes BH05 indicated all COCs were in compliance with the strictest Closure Criteria at 6 feet bgs.

Laboratory analytical results for excavation floor soil samples FS01 through FS28 indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results for sidewall soil samples SW01 through SW06 indicated all COC concentrations were compliant with the strictest Closure Criteria. Laboratory analytical results for sidewall soil samples SW07 indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results are summarized in Tables 1 through 3 and the complete laboratory analytical reports are included as Appendix D.

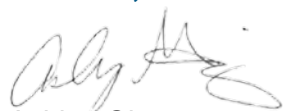
CLOSURE REQUEST

Site assessment and excavation activities were conducted at the Site to address the January 2025 release of crude oil and produced water. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated all COC concentrations were in compliance with the Site Closure Criteria and laboratory analytical results for excavation confirmation soil samples (FS01 through FS21 and SW01 through SW07) indicated all COC concentrations were in compliance with the reclamation requirement in the top 4 feet of soil. Based on the soil sample analytical results, no further remediation was required.

Excavation of impacted and waste-containing soil has mitigated adverse conditions at this Site. Depth to groundwater has been estimated to be greater than 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 nAPP2502728409.

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

Sincerely,
Ensolum, LLC



Ashley Giovengo
Associate Principal



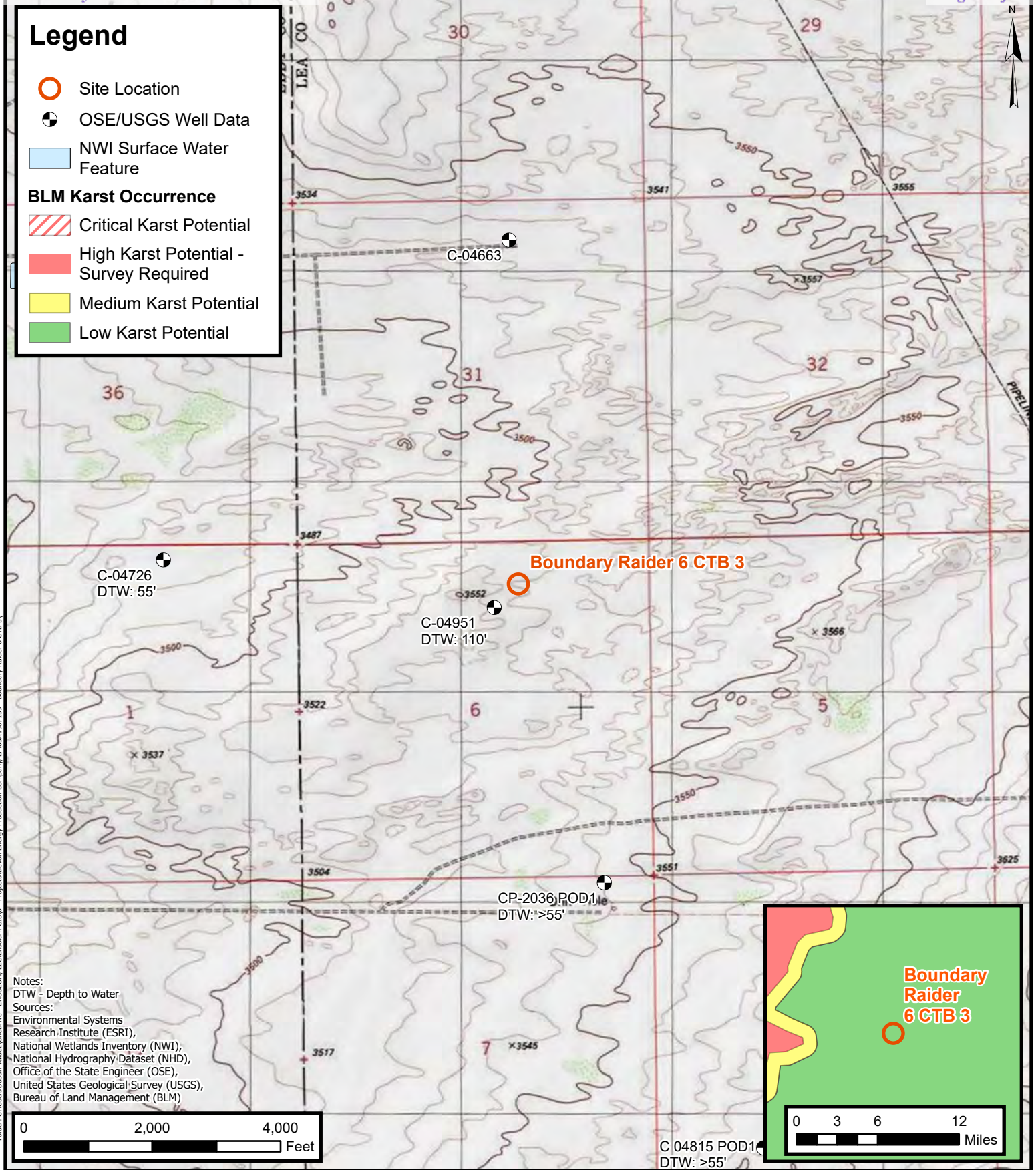
Daniel R. Moir, PG (licensed in WY & TX)
Senior Managing Geologist

Appendices:

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



FIGURES



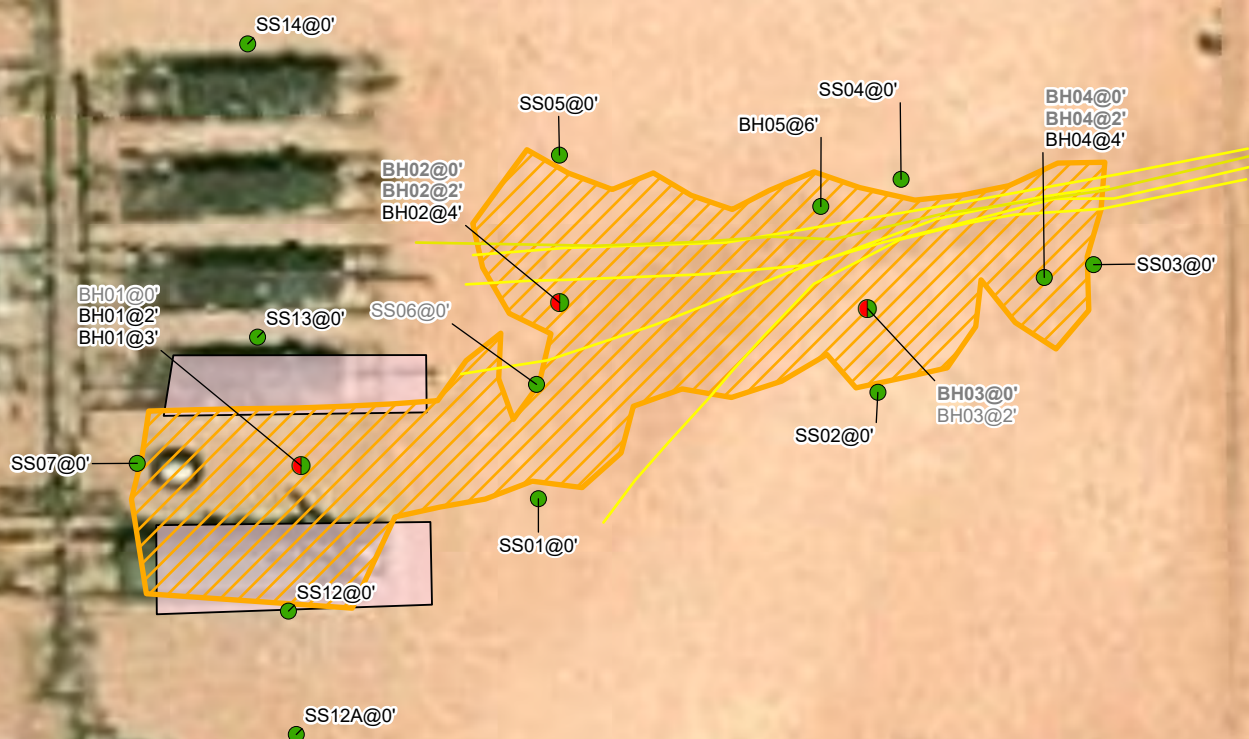
ENSOLUM
Environmental, Engineering and
Hydrogeologic Consultants

Site Receptor Map
Devon Energy Production Company, LP
Boundary Raider 6 CTB 3
Incident Number: nAPP2502728409
Unit L, Section 06, T 23S, R 32E
Lea County, New Mexico

FIGURE
1

Legend

- Delineation Soil Sample in Compliance with Closure Criteria
- Delineation Soil Sample with Concentrations Previously Exceeding Closure Criteria
- Oil and Gas Utility Line
- Fiber Optics Cable
- Release Extent
- Infrastructure



Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in bold indicate sample exceeded applicable closure criteria.
 Grey text indicate soil sample was removed during excavation activities.

0 5 10 20 30 40
 Feet

Sources: Environmental Systems Research Institute (ESRI)



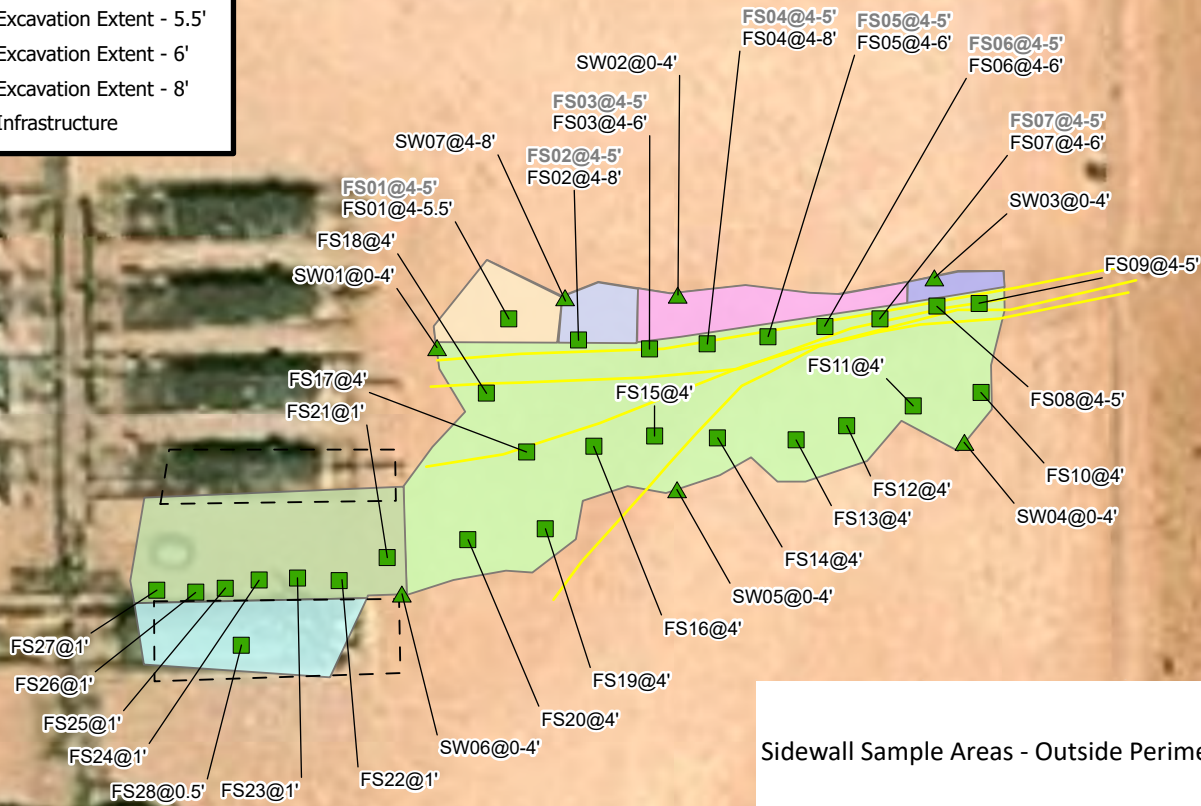
Delineation Soil Sample Locations

Devon Energy Production Company, LP
 Boundary Raider 6 CTB 3
 Incident Number: nAPP2502728409
 Unit L, Section 06, T 23S, R 32E
 Eddy County, New Mexico

FIGURE
 2

Legend

- Confirmation Floor Sample in Compliance with Closure Criteria
- ▲ Confirmation Sidewall Sample in Compliance with Closure Criteria
- Electric Utility Line
- Oil and Gas Utility Line
- Excavation Extent - 0.5'
- Excavation Extent - 1'
- Excavation Extent - 4'
- Excavation Extent - 5'
- Excavation Extent - 5.5'
- Excavation Extent - 6'
- Excavation Extent - 8'
- Infrastructure



Sidewall Sample Areas - Outside Perimeter

Depth	Length	Total Sq. Ft.
5'	19.8'	99'
6'	47.6'	286'
8'	13.7'	109.6'
5.5'	32.2'	177'
4'	173.3'	693.2'
Total:		1,365'
Samples needed:		6.8

*This is not including the 0.5' and 1' excavation areas

Sources: Environmental Systems Research Institute (ESRI)

Notes:
 Sample ID @ Depth Below Ground Surface.
 Samples in bold indicate sample exceeded applicable closure criteria.
 Grey text indicate soil sample was removed during excavation activities.

0 5 10 20 30 40
 Feet

Confirmation Soil Sample Location

Devon Energy Production Company, LP
 Boundary Raider 6 CTB 3
 Incident Number: nAPP2502728409
 Unit L, Section 06, T 23S, R 32E
 Eddy County, New Mexico

FIGURE

3





TABLES



TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
 Boundary Raider 6 CTB 3
 Devon Energy Production Company, LP
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
SS01	1/27/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	79.1
SS02	1/27/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	56.9
SS03	1/27/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS04	1/27/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	224
SS05	1/27/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	113
SS06	1/27/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.7
SS07	1/27/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS12	6/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	821
SS12A	6/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	385
SS13	6/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	7,600
SS14	6/26/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	42.8
BH01	2/7/2025	0	9.53	111.73	715	12,600	4,090	13,315	17,405	8,020
BH01	2/7/2025	2	<0.0250	0.0491	<20.0	<25.0	<50.0	<25.0	<50.0	1,220
BH01	2/7/2025	3	<0.0250	0.0317	<20.0	<25.0	<50.0	<25.0	<50.0	54.9
BH02	2/7/2025	0	16.99	202.39	1,660	16,300	5,180	17,960	23,140	4,240
BH02	2/7/2025	2	5.513	60.913	859	5,850	1,710	6,709	8,419	195
BH02	2/7/2025	4	<0.0250	0.2398	<20.0	170	79.1	170	249.1	<20.0
BH03	2/7/2025	0	37.9	387.9	3,760	32,600	9,980	36,360	46,340	<20.0
BH03	2/7/2025	2	0.103	0.924	31.3	142	67.7	173.3	241	<20.0
BH04	2/7/2025	0	10.38	115.88	1,670	12,100	3,860	13,770	17,630	<20.0
BH04	2/7/2025	2	2.33	22.96	488	2,950	962	3,438	4,400	<20.0
BH04	2/7/2025	4	<0.0250	0.2429	<20.0	113	56.6	113	169.6	<20.0



TABLE 1 - CONT'D SOIL SAMPLE ANALYTICAL RESULTS Boundary Raider 6 CTB 3 Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Delineation Soil Samples										
BH05	5/6/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<: Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS
 Boundary Raider 6 CTB 3
 Devon Energy Production Company, LP
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Excavation Floor Soil Samples										
FS01	4/15/2025	4-5	<0.0250	0.177	<20.0	1,080	323	1,080	1,403	409
FS01	5/6/2025	4-5.5	<0.0250	<0.0500	<20.0	70.6	<50.0	70.6	70.6	204
FS02	4/15/2025	4-5	0.0657	0.886	<20.0	2,390	724	2,390	3,114	1,100
FS02	5/14/2025	4-8	0.052	0.6715	<20.0	30	<50.0	30	30	37.6
FS03	4/15/2025	4-5	0.103	1.284	<20.0	2,340	766	2,340	3,106	1,110
FS03	5/14/2025	4-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS04	4/15/2025	4-5	<0.0250	0.206	<20.0	2,150	682	2,150	2,832	254
FS04	5/14/2025	4-8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	31.6
FS05	4/15/2025	4-5	0.335	4.343	50	2,910	831	2,960	3,791	51.4
FS05	5/14/2025	4-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS06	4/15/2025	4-5	0	1.450	<20.0	1,940	618	1,940	2,558	64.9
FS06	5/14/2025	4-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS07	4/15/2025	4-5	0.0997	1.356	<20.0	1,720	530	1,720	2,250	57.7
FS07	5/14/2025	4-6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS08	4/15/2025	4-5	<0.0250	0.182	<20.0	915	312	915	1,227	<20.0
FS09	4/15/2025	4-5	<0.0250	<0.0500	<20.0	73.9	<50.0	73.9	73.9	<20.0
FS10	4/15/2025	4	<0.0250	<0.0500	<20.0	106	<50.0	106	106	32.1
FS11	4/15/2025	4	<0.0250	<0.0500	<20.0	355	116	355	471	<20.0
FS12	4/15/2025	4	<0.0250	<0.0500	<20.0	174	58.3	174	232	<20.0
FS13	4/15/2025	4	<0.0250	<0.0500	<20.0	484	138	484	622	118
FS14	4/15/2025	4	0.0267	0.4148	<20.0	569	165	569	734	<20.0
FS15	4/15/2025	4	<0.0250	<0.0500	<20.0	591	184	591	775	317
FS16	4/15/2025	4	<0.0250	<0.0500	<20.0	340	118	340	458	86.2
FS17	4/15/2025	4	<0.0250	0.0470	<20.0	954	312	954	1,266	195
FS18	4/15/2025	4	<0.0250	<0.0500	<20.0	140	54.4	140	194	23.8
FS19	4/15/2025	4	<0.0250	<0.0500	<20.0	122	<50.0	122	122	164
FS20	4/15/2025	4	<0.0250	<0.0500	<20.0	121	<50.0	121	121	183

TABLE 2 - CONT'D
SOIL SAMPLE ANALYTICAL RESULTS
 Boundary Raider 6 CTB 3
 Devon Energy Production Company, LP
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000
Excavation Floor Soil Samples										
FS21	4/15/2025	1	<0.0250	<0.0500	<20.0	42.2	<50.0	42.2	42.2	172
FS22	4/15/2025	1	<0.0250	<0.0500	<20.0	28.4	<50.0	28.4	28.4	1,110
FS23	4/15/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,220
FS24	4/15/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,810
FS25	4/15/2025	1	<0.0250	<0.0500	<20.0	104	<50.0	104	104	2,410
FS26	4/15/2025	1	<0.0250	<0.0500	<20.0	32.6	<50.0	32.6	32.6	2,090
FS27	4/15/2025	1	<0.0250	<0.0500	<20.0	335	112	335	447	2,370
FS28	4/15/2025	0.5	<0.0250	<0.0500	<20.0	945	335	945	1,280	11,100

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<: Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

TABLE 3
SOIL SAMPLE ANALYTICAL RESULTS
 Boundary Raider 6 CTB 3
 Devon Energy Production Company, LP
 Lea County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Sidewall Soil Samples										
SW01	4/15/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	61.0
SW02	4/15/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	24.4
SW03	4/15/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW04	4/15/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW05	4/15/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	28.5
SW06	4/15/2025	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW07	5/15/2025	4-8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<: Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



TABLE 4 SOIL SAMPLE ANALYTICAL RESULTS Boundary Raider 6 CTB 3 Devon Energy Production Company, LP Lea County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	10,000
Backfill Soil Sample										
BF01	5/15/2025	NA	<0.0250	<0.0500	<20.0	63.9	<50.0	63.9	63.9	416.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

<: Laboratory Analytical result is less than reporting limit

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

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

NA: Not Applicable



APPENDIX A

Well Log and Record



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) 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		
	LONGITUDE 103	42	47.17	W	* 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: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 4/29/2025		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:				CHECK HERE IF PITLESS ADAPTER IS <input type="checkbox"/> INSTALLED			
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> 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				


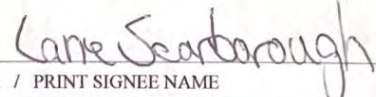
FOR OSE INTERNAL USE

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: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> 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



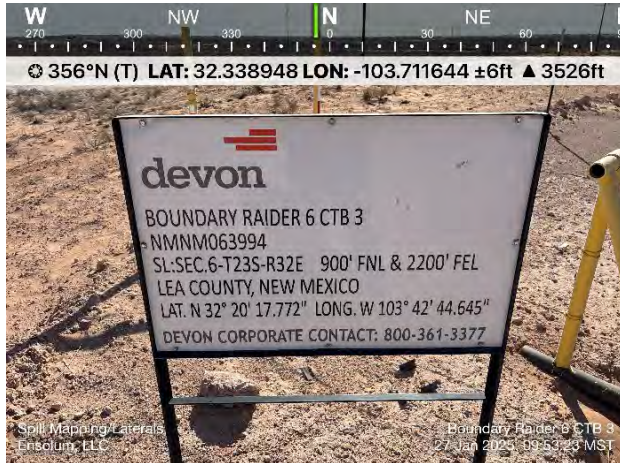
APPENDIX B

Photographic Log



Photographic Log

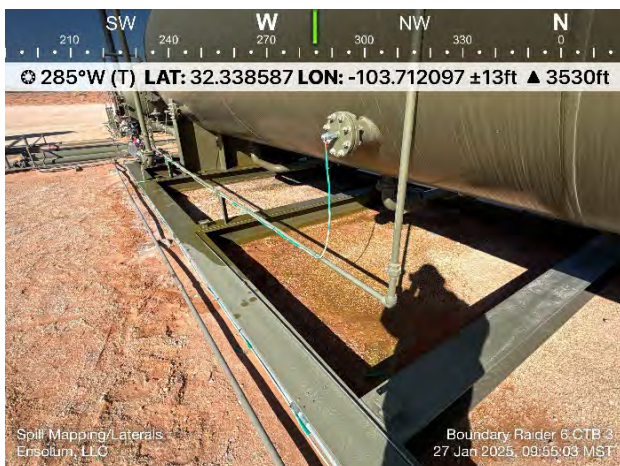
Devon Energy Production Company
Site Name: Boundary Raider 6 CTB 3
Incident Number nAPP2502728409



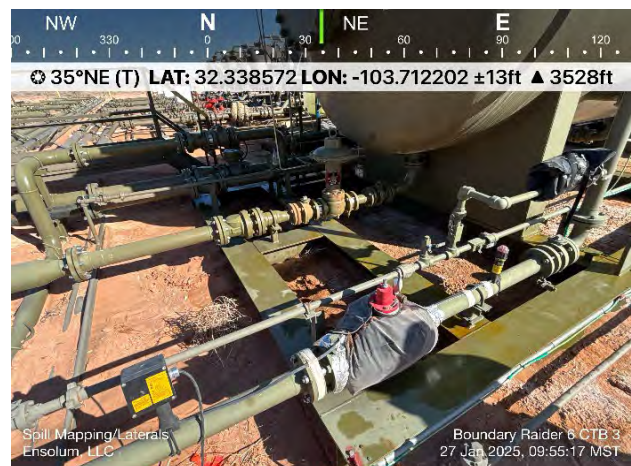
Photograph 1
Description: Signage
View: North
Date: 1/27/2025



Photograph 2
Description: Spill area
View: Southwest
Date: 1/27/2025



Photograph 3
Description: Spill area
View: West
Date: 1/27/2025



Photograph 4
Description: Spill area
View: Northeast
Date: 1/27/2025



Photographic Log

Devon Energy Production Company
 Site Name: Boundary Raider 6 CTB 3
 Incident Number nAPP2502728409



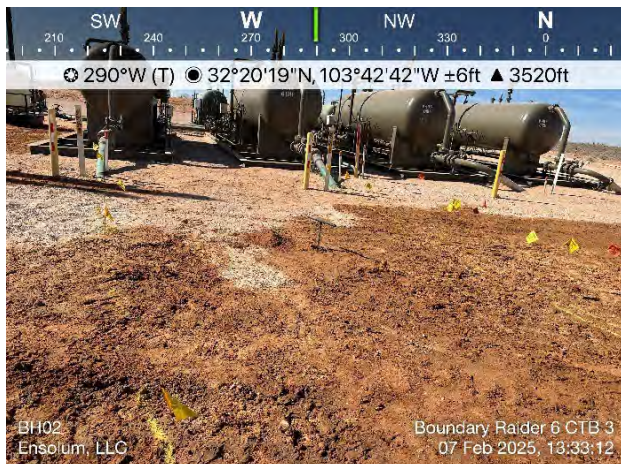
Photograph 5
 Description: Spill area
 View: North

Date: 1/27/2025



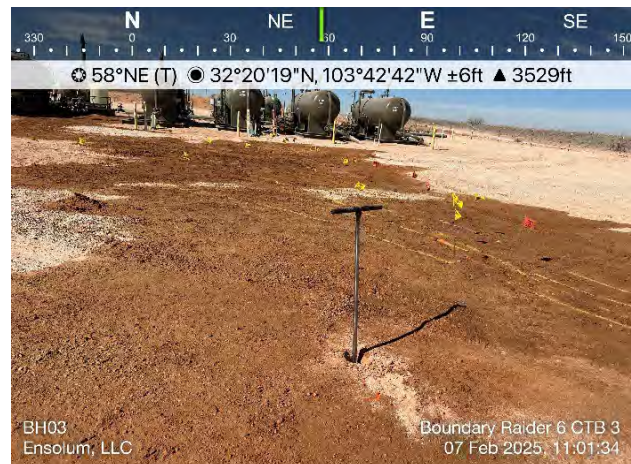
Photograph 6
 Description: BH01
 View: Southwest

Date: 2/7/2025



Photograph 7
 Description: BH02
 View: West

Date: 2/7/2025



Photograph 8
 Description: BH03
 View: Northeast

Date: 2/7/2025



Photographic Log

Devon Energy Production Company
Site Name: Boundary Raider 6 CTB 3
Incident Number nAPP2502728409



Photograph 9
Description: Hydro-vac
View: Northwest

Date: 4/10/2025



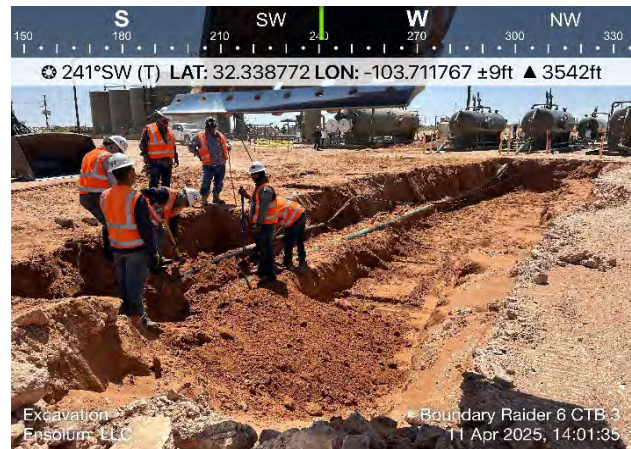
Photograph 10
Description: Hand digging
View: West

Date: 4/10/2025



Photograph 11
Description: Contaminated Soil
View: Southwest

Date: 4/11/2025



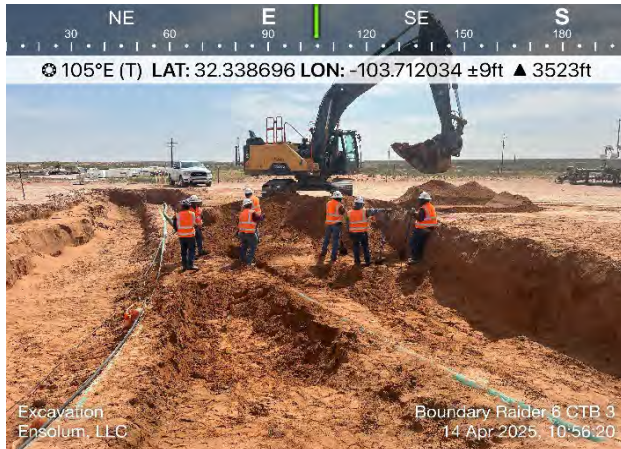
Photograph 12
Description: Excavation
View: Southwest

Date: 4/11/2025



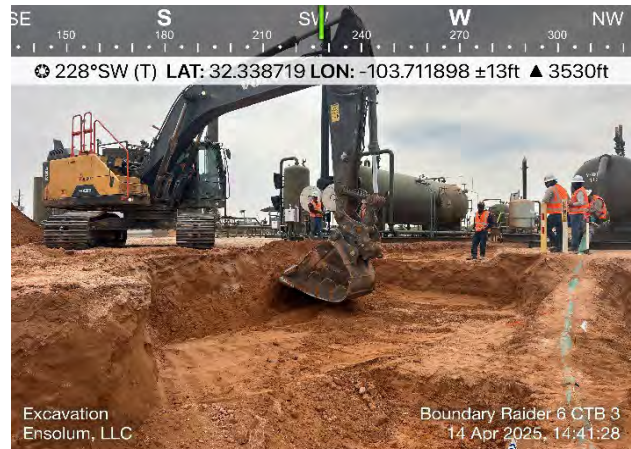
Photographic Log

Devon Energy Production Company
Site Name: Boundary Raider 6 CTB 3
Incident Number nAPP2502728409



Photograph 13
Description: Excavation
View: East

Date: 4/14/2025



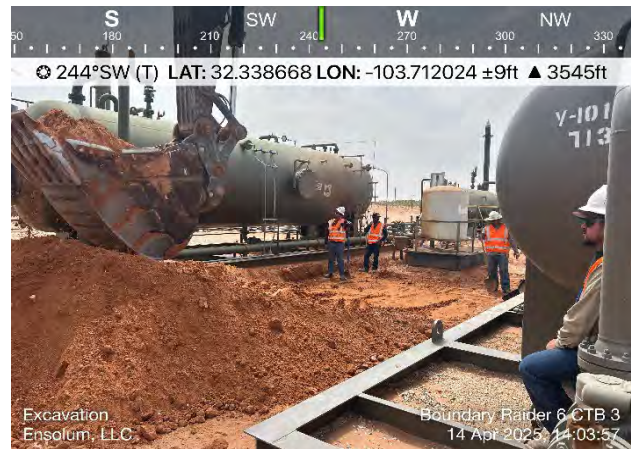
Photograph 14
Description: Excavation
View: Southwest

Date: 4/14/2025



Photograph 15
Description: Excavation
View: Southwest

Date: 4/11/2025



Photograph 16
Description: Excavation
View: Southwest

Date: 4/11/2025



Photographic Log

Devon Energy Production Company
Site Name: Boundary Raider 6 CTB 3
Incident Number nAPP2502728409



Photograph 17
Description: BH05
View: East

Date: 5/6/2025



Photograph 18
Description: Excavation
View: Southwest

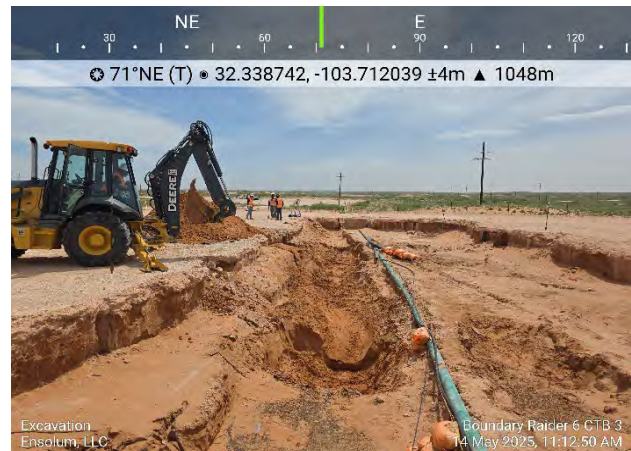
Date: 5/14/2025

West



Photograph 19
Description: Excavation
View: Northwest

Date: 5/14/2025



Photograph 20
Description: Excavation
View: East

Date: 5/14/2025



Photographic Log

Devon Energy Production Company
Site Name: Boundary Raider 6 CTB 3
Incident Number nAPP2502728409



Photograph 21 Date: 5/15/2025
Description: SW07 (SW08 label on photo incorrect)
View: East



Photograph 22 Date: 6/26/2025
Description: SS13
View: Southwest



Photograph 23 Date: 6/26/2025
Description: SS14
View: South





Photograph 24 Date: 6/26/2025
Description: SS12
View: Northwest





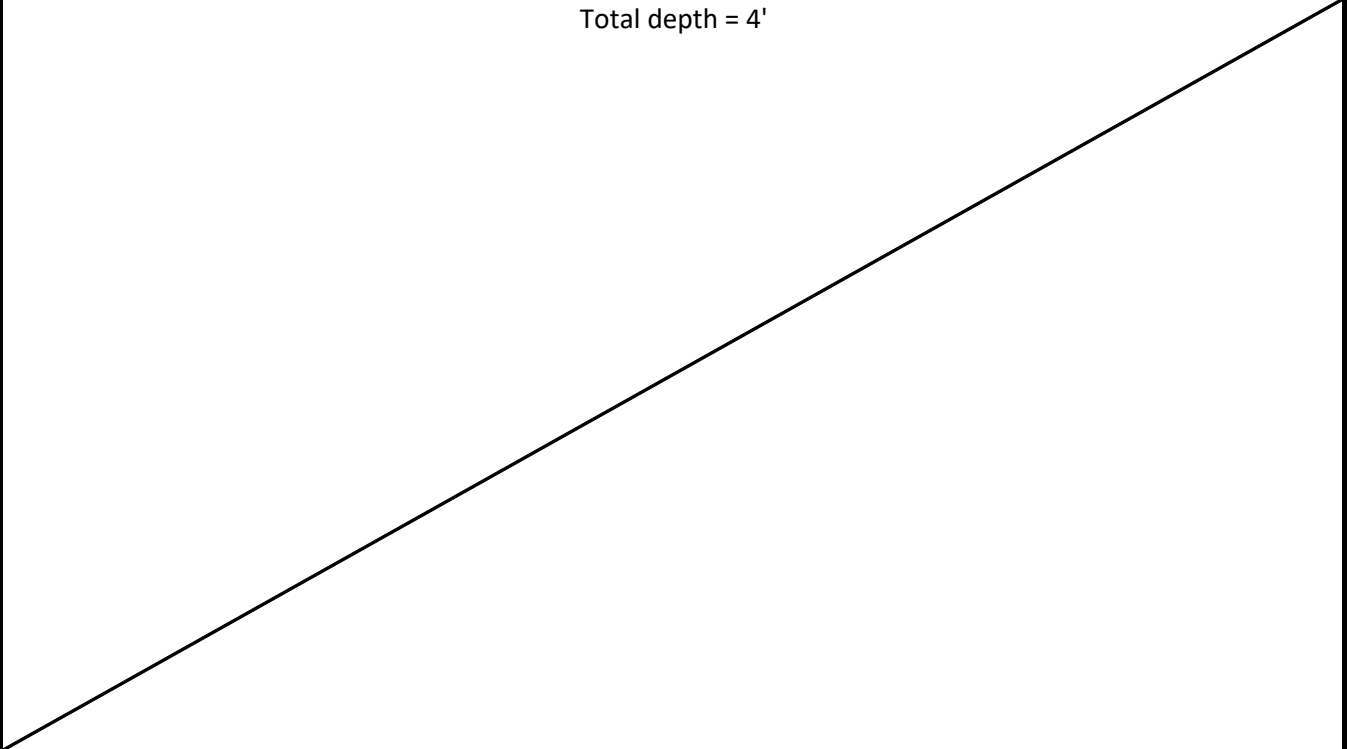
APPENDIX C


Lithologic Soil Sampling Logs

								Sample Name: BH01		Date: 2/7/25	
								Site Name: Boundary Raider 6 CTB 3			
								Incident Number: nAPP2502728409			
								Job Number: 03A1987159			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Oluwale Aderinto		Method: Hand auger	
Coordinates: 32.338629, -103.712092								Hole Diameter: 3"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and, PetroFlag Soil Analyzer System. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M				BH01	0	0	CCHE	Pad Caliche			
M	3,320			BH01	1	1	SP-SM	Brown, poorly graded sand with silt, non-cohesive, non-plastic.			
M	1,982			BH01	2	2					
M	ND	53		BH01	3	3					
Total depth = 3'											

								Sample Name: BH02		Date: 2/7/25	
								Site Name: Boundary Raider 6 CTB 3			
								Incident Number: nAPP2502728409			
								Job Number: 03A1987159			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Oluwale Aderinto		Method: Hand auger	
Coordinates: 32.338698, -103.711960								Hole Diameter: 3"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and, PetroFlag Soil Analyzer System. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M				BH02	0	0	CCHE	Pad Caliche			
M	319	>1,000		BH02	1	1	SP-SM	Brown, poorly graded sand with silt, non-cohesive, non-plastic.			
M	274	>1,000		BH02	2	2					
					3	3					
M	ND	91		BH02	4	4					
Total depth = 4'											

								Sample Name: BH03		Date: 2/7/25	
								Site Name: Boundary Raider 6 CTB 3			
								Incident Number: nAPP2502728409			
								Job Number: 03A1987159			
LITHOLOGIC / SOIL SAMPLING LOG								Logged By: Oluwale Aderinto		Method: Hand auger	
Coordinates: 32.338694, -103.711805								Hole Diameter: 3"		Total Depth: 3'	
Comments: Field screening conducted with HACH Chloride Test Strips and, PetroFlag Soil Analyzer System. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions			
M				BH03	0	0	CCHE	Pad Caliche			
M	ND	107		BH03	1	1					
M	ND	84		BH03	2	2	SP-SM	Brown, poorly graded sand with silt, non-cohesive, non-plastic.			
Total depth = 2'											

		Sample Name: BH04		Date: 2/7/25				
		Site Name: Boundary Raider 6 CTB 3						
		Incident Number: nAPP2502728409						
		Job Number: 03A1987159						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 332.338706, -103.711715			Logged By: Oluwale Aderinto		Method: Hand auger			
			Hole Diameter: 3"		Total Depth: 3'			
Comments: Field screening conducted with HACH Chloride Test Strips and, PetroFlag Soil Analyzer System. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
M				BH04	0	0	CCHE	Pad Caliche
M	ND	>1,000		BH04	1	1	SP-SM	Brown, poorly graded sand with silt, non-cohesive, non-plastic.
M	ND	1,144		BH04	2	2		
						3		
M	ND	74		BH04	4	4		
Total depth = 4'								

 ENSOLUM		Sample Name: BH05		Date: 5/6/25				
		Site Name: Boundary Raider 6 CTB 3						
		Incident Number: nAPP2502728409						
		Job Number: 03A1987159						
LITHOLOGIC / SOIL SAMPLING LOG								
Coordinates: 32.338738, -103.711828			Logged By: Oluwale Aderinto		Method: Hand auger			
			Hole Diameter: 3"		Total Depth: 6'			
Comments: Field screening conducted with HACH Chloride Test Strips and Petroflag Soil Analyzer System for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.								
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0		
						1		
						2		
						3		
						4		
						5		
M	ND	8	N	BH05	6	6	SP - SM	Brown, poorly graded sand with silt, non-cohesive, non-plastic.
Total depth = 6'								



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 CTB 3

Work Order: E501212

Job Number: 01058-0007

Received: 1/29/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/4/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/4/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 CTB 3
Workorder: E501212
Date Received: 1/29/2025 7:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/29/2025 7:15:00AM, under the Project Name: Boundary Raider 6 CTB 3.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

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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 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/04/25 07:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 @ 0'	E501212-01A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
SS02 @ 0'	E501212-02A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
SS03 @ 0'	E501212-03A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
SS04 @ 0'	E501212-04A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
SS05 @ 0'	E501212-05A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
SS06 @ 0'	E501212-06A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.
SS07 @ 0'	E501212-07A	Soil	01/27/25	01/29/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/4/2025 7:04:44AM

SS01 @ 0'

E501212-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Benzene	ND	0.0250	1	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/30/25	
Toluene	ND	0.0250	1	01/29/25	01/30/25	
o-Xylene	ND	0.0250	1	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/30/25	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	01/29/25	01/30/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	01/29/25	01/30/25	
<i>Surrogate: Toluene-d8</i>		96.6 %	70-130	01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/30/25	
<i>Surrogate: Bromofluorobenzene</i>		97.7 %	70-130	01/29/25	01/30/25	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		95.8 %	70-130	01/29/25	01/30/25	
<i>Surrogate: Toluene-d8</i>		96.6 %	70-130	01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2505095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/25	01/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/25	01/30/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	01/29/25	01/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505096
Chloride	79.1	20.0	1	01/29/25	01/30/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/4/2025 7:04:44AM

SS02 @ 0'

E501212-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Benzene	ND	0.0250	1	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/30/25	
Toluene	ND	0.0250	1	01/29/25	01/30/25	
o-Xylene	ND	0.0250	1	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene	97.4 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8	99.2 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene	97.4 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8	99.2 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2505095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/25	01/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/25	01/30/25	
Surrogate: n-Nonane	105 %	61-141		01/29/25	01/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505096
Chloride	56.9	20.0	1	01/29/25	01/30/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/4/2025 7:04:44AM

SS03 @ 0'

E501212-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Benzene	ND	0.0250	1	01/29/25	01/31/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/31/25	
Toluene	ND	0.0250	1	01/29/25	01/31/25	
o-Xylene	ND	0.0250	1	01/29/25	01/31/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/31/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/31/25	
Surrogate: Bromofluorobenzene	95.8 %	70-130		01/29/25	01/31/25	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		01/29/25	01/31/25	
Surrogate: Toluene-d8	97.5 %	70-130		01/29/25	01/31/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/31/25	
Surrogate: Bromofluorobenzene	95.8 %	70-130		01/29/25	01/31/25	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		01/29/25	01/31/25	
Surrogate: Toluene-d8	97.5 %	70-130		01/29/25	01/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2505095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/25	01/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/25	01/30/25	
Surrogate: n-Nonane	108 %	61-141		01/29/25	01/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505096
Chloride	ND	20.0	1	01/29/25	01/30/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/4/2025 7:04:44AM

SS04 @ 0'

E501212-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Benzene	ND	0.0250	1	01/29/25	01/31/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/31/25	
Toluene	ND	0.0250	1	01/29/25	01/31/25	
o-Xylene	ND	0.0250	1	01/29/25	01/31/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/31/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/31/25	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/29/25	01/31/25	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		01/29/25	01/31/25	
Surrogate: Toluene-d8	96.9 %	70-130		01/29/25	01/31/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/31/25	
Surrogate: Bromofluorobenzene	96.3 %	70-130		01/29/25	01/31/25	
Surrogate: 1,2-Dichloroethane-d4	96.9 %	70-130		01/29/25	01/31/25	
Surrogate: Toluene-d8	96.9 %	70-130		01/29/25	01/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2505095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/25	01/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/25	01/30/25	
Surrogate: n-Nonane	105 %	61-141		01/29/25	01/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505096
Chloride	224	20.0	1	01/29/25	01/30/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/4/2025 7:04:44AM

SS05 @ 0'

E501212-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Benzene	ND	0.0250	1	01/29/25	01/30/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/30/25	
Toluene	ND	0.0250	1	01/29/25	01/30/25	
o-Xylene	ND	0.0250	1	01/29/25	01/30/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/30/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8	96.3 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/30/25	
Surrogate: Bromofluorobenzene	96.7 %	70-130		01/29/25	01/30/25	
Surrogate: 1,2-Dichloroethane-d4	102 %	70-130		01/29/25	01/30/25	
Surrogate: Toluene-d8	96.3 %	70-130		01/29/25	01/30/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2505095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/25	01/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/25	01/30/25	
Surrogate: n-Nonane	104 %	61-141		01/29/25	01/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505096
Chloride	113	20.0	1	01/29/25	01/30/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/4/2025 7:04:44AM

SS06 @ 0'

E501212-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Benzene	ND	0.0250	1	01/29/25	01/31/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/31/25	
Toluene	ND	0.0250	1	01/29/25	01/31/25	
o-Xylene	ND	0.0250	1	01/29/25	01/31/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/31/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/31/25	
Surrogate: Bromofluorobenzene	98.0 %	70-130		01/29/25	01/31/25	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		01/29/25	01/31/25	
Surrogate: Toluene-d8	96.0 %	70-130		01/29/25	01/31/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/31/25	
Surrogate: Bromofluorobenzene	98.0 %	70-130		01/29/25	01/31/25	
Surrogate: 1,2-Dichloroethane-d4	92.7 %	70-130		01/29/25	01/31/25	
Surrogate: Toluene-d8	96.0 %	70-130		01/29/25	01/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2505095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/25	01/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/25	01/30/25	
Surrogate: n-Nonane	107 %	61-141		01/29/25	01/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505096
Chloride	38.7	20.0	1	01/29/25	01/30/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/4/2025 7:04:44AM

SS07 @ 0'

E501212-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Benzene	ND	0.0250	1	01/29/25	01/31/25	
Ethylbenzene	ND	0.0250	1	01/29/25	01/31/25	
Toluene	ND	0.0250	1	01/29/25	01/31/25	
o-Xylene	ND	0.0250	1	01/29/25	01/31/25	
p,m-Xylene	ND	0.0500	1	01/29/25	01/31/25	
Total Xylenes	ND	0.0250	1	01/29/25	01/31/25	
Surrogate: Bromofluorobenzene	96.4 %	70-130		01/29/25	01/31/25	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		01/29/25	01/31/25	
Surrogate: Toluene-d8	95.2 %	70-130		01/29/25	01/31/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2505090
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/29/25	01/31/25	
Surrogate: Bromofluorobenzene	96.4 %	70-130		01/29/25	01/31/25	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		01/29/25	01/31/25	
Surrogate: Toluene-d8	95.2 %	70-130		01/29/25	01/31/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2505095
Diesel Range Organics (C10-C28)	ND	25.0	1	01/29/25	01/30/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/29/25	01/30/25	
Surrogate: n-Nonane	104 %	61-141		01/29/25	01/30/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2505096
Chloride	ND	20.0	1	01/29/25	01/30/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/4/2025 7:04:44AM

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 (2505090-BLK1)

Prepared: 01/29/25 Analyzed: 01/30/25

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: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.5	70-130			

LCS (2505090-BS1)

Prepared: 01/29/25 Analyzed: 01/30/25

Benzene	2.71	0.0250	2.50		108	70-130			
Ethylbenzene	2.50	0.0250	2.50		100	70-130			
Toluene	2.47	0.0250	2.50		98.8	70-130			
o-Xylene	2.40	0.0250	2.50		96.1	70-130			
p,m-Xylene	4.81	0.0500	5.00		96.2	70-130			
Total Xylenes	7.21	0.0250	7.50		96.2	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.474		0.500		94.7	70-130			

Matrix Spike (2505090-MS1)

Source: E501212-05

Prepared: 01/29/25 Analyzed: 01/30/25

Benzene	2.71	0.0250	2.50	ND	108	48-131			
Ethylbenzene	2.50	0.0250	2.50	ND	100	45-135			
Toluene	2.47	0.0250	2.50	ND	98.9	48-130			
o-Xylene	2.40	0.0250	2.50	ND	96.0	43-135			
p,m-Xylene	4.81	0.0500	5.00	ND	96.2	43-135			
Total Xylenes	7.21	0.0250	7.50	ND	96.1	43-135			
Surrogate: Bromofluorobenzene	0.490		0.500		98.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			

Matrix Spike Dup (2505090-MSD1)

Source: E501212-05

Prepared: 01/29/25 Analyzed: 01/30/25

Benzene	2.41	0.0250	2.50	ND	96.6	48-131	11.5	23	
Ethylbenzene	2.25	0.0250	2.50	ND	90.0	45-135	10.7	27	
Toluene	2.23	0.0250	2.50	ND	89.1	48-130	10.5	24	
o-Xylene	2.14	0.0250	2.50	ND	85.5	43-135	11.6	27	
p,m-Xylene	4.28	0.0500	5.00	ND	85.5	43-135	11.7	27	
Total Xylenes	6.41	0.0250	7.50	ND	85.5	43-135	11.7	27	
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.517		0.500		103	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/4/2025 7:04:44AM

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 (2505090-BLK1)

Prepared: 01/29/25 Analyzed: 01/30/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.478		0.500		95.5	70-130			

LCS (2505090-BS2)

Prepared: 01/29/25 Analyzed: 01/30/25

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0		92.5	70-130			
Surrogate: Bromofluorobenzene	0.488		0.500		97.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.470		0.500		94.0	70-130			

Matrix Spike (2505090-MS2)

Source: E501212-05

Prepared: 01/29/25 Analyzed: 01/30/25

Gasoline Range Organics (C6-C10)	54.1	20.0	50.0	ND	108	70-130			
Surrogate: Bromofluorobenzene	0.477		0.500		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.467		0.500		93.4	70-130			

Matrix Spike Dup (2505090-MSD2)

Source: E501212-05

Prepared: 01/29/25 Analyzed: 01/30/25

Gasoline Range Organics (C6-C10)	52.5	20.0	50.0	ND	105	70-130	2.97	20	
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.470		0.500		94.0	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/4/2025 7:04:44AM

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 (2505095-BLK1)					Prepared: 01/29/25 Analyzed: 01/30/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.2		50.0		104	61-141			

LCS (2505095-BS1)					Prepared: 01/29/25 Analyzed: 01/30/25				
Diesel Range Organics (C10-C28)	238	25.0	250		95.2	66-144			
Surrogate: n-Nonane	53.4		50.0		107	61-141			

Matrix Spike (2505095-MS1)					Source: E501216-23		Prepared: 01/29/25 Analyzed: 01/30/25		
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.8	56-156			
Surrogate: n-Nonane	53.3		50.0		107	61-141			

Matrix Spike Dup (2505095-MSD1)					Source: E501216-23		Prepared: 01/29/25 Analyzed: 01/30/25		
Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.6	56-156	3.03	20	
Surrogate: n-Nonane	54.7		50.0		109	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/4/2025 7:04:44AM

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 (2505096-BLK1)					Prepared: 01/29/25 Analyzed: 01/30/25				
Chloride	ND	20.0							
LCS (2505096-BS1)					Prepared: 01/29/25 Analyzed: 01/30/25				
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2505096-MS1)					Source: E501211-03		Prepared: 01/29/25 Analyzed: 01/30/25		
Chloride	268	20.0	250	ND	107	80-120			
Matrix Spike Dup (2505096-MSD1)					Source: E501211-03		Prepared: 01/29/25 Analyzed: 01/30/25		
Chloride	268	20.0	250	ND	107	80-120	0.0758	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 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/04/25 07:04

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



Chain of Custody

Page 1 of 1

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 CTB 3				Address: 5315 Buena Vista Dr		E501212				X								
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220		Job Number												
Address: 3122 National Parks Hwy				Phone: (575)689-7597		610580007												
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information						Analysis and Method								EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	
															Compliance	Y	or	N
															PWSID #			
															Remarks			
1021	1/27/2025	s	1	SS01 @ 0'		1						X						
1026	1/27/2025	s	1	SS02 @ 0'		2						X						
1029	1/27/2025	s	1	SS03 @ 0'		3						X						
1034	1/27/2025	s	1	SS04 @ 0'		4						X						
1045	1/27/2025	s	1	SS05 @ 0'		5						X						
1047	1/27/2025	s	1	SS06 @ 0'		6						X						
1048	1/27/2025	s	1	SS07 @ 0'		7						X						
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com, jgonzalez@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: Higinio Gonzalez, Jenna Hinkle																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



envirotech

Envirotech Analytical Laboratory

Printed: 1/29/2025 9:08:02AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	01/29/25 07:15	Work Order ID:	E501212
Phone:	(505) 382-1211	Date Logged In:	01/28/25 16:06	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	02/04/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

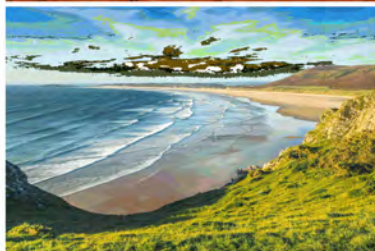
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 CTB 3

Work Order: E502076

Job Number: 01058-0007

Received: 2/11/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/17/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 2/17/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 CTB 3
Workorder: E502076
Date Received: 2/11/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/11/2025 7:30:00AM, under the Project Name: Boundary Raider 6 CTB 3.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 CTB 3 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 CTB 3 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 02/17/25 15:44
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH01-0'	E502076-01A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH01-2'	E502076-02A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH01-3'	E502076-03A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH02-0'	E502076-04A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH02-2'	E502076-05A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH02-4'	E502076-06A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH03-0'	E502076-07A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH03-2'	E502076-08A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH04-0'	E502076-09A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH04-2'	E502076-10A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.
BH04-4'	E502076-11A	Soil	02/07/25	02/11/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 3:44:54PM

BH01-0'

E502076-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Benzene	2.36	0.125	5	02/11/25	02/11/25	
Ethylbenzene	7.17	0.125	5	02/11/25	02/11/25	
Toluene	29.2	0.125	5	02/11/25	02/11/25	
o-Xylene	17.0	0.125	5	02/11/25	02/11/25	
p,m-Xylene	56.0	0.250	5	02/11/25	02/11/25	
Total Xylenes	73.0	0.125	5	02/11/25	02/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Gasoline Range Organics (C6-C10)	715	100	5	02/11/25	02/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		113 %	70-130	02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2507031	
Diesel Range Organics (C10-C28)	12600	250	10	02/11/25	02/12/25	T9
Oil Range Organics (C28-C36)	4090	500	10	02/11/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
		636 %	61-141	02/11/25	02/12/25	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2507034	
Chloride	8020	100	5	02/11/25	02/11/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 3:44:54PM

BH01-2'

E502076-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507027
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	0.0491	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	02/11/25	02/11/25	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507031
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
		111 %	61-141	02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507034
Chloride	1220	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 3:44:54PM

BH01-3'

E502076-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507027
Benzene	ND	0.0250	1	02/11/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/11/25	
Toluene	0.0317	0.0250	1	02/11/25	02/11/25	
o-Xylene	ND	0.0250	1	02/11/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/11/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/11/25	02/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507027
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		108 %	70-130	02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507031
Diesel Range Organics (C10-C28)	ND	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/11/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
		121 %	61-141	02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507034
Chloride	54.9	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 3:44:54PM

BH02-0'

E502076-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Benzene	3.09	0.500	20	02/11/25	02/11/25	
Ethylbenzene	13.9	0.500	20	02/11/25	02/11/25	
Toluene	48.4	0.500	20	02/11/25	02/11/25	
o-Xylene	29.6	0.500	20	02/11/25	02/11/25	
p,m-Xylene	107	1.00	20	02/11/25	02/11/25	
Total Xylenes	137	0.500	20	02/11/25	02/11/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.1 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Gasoline Range Organics (C6-C10)	1660	400	20	02/11/25	02/11/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	110 %	70-130		02/11/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507031	
Diesel Range Organics (C10-C28)	16300	250	10	02/11/25	02/12/25	T9
Oil Range Organics (C28-C36)	5180	500	10	02/11/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
	948 %	61-141		02/11/25	02/12/25	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507034	
Chloride	4240	40.0	2	02/11/25	02/11/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 3:44:54PM

BH02-2'

E502076-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Benzene	0.623	0.0500	2	02/11/25	02/12/25	
Ethylbenzene	4.89	0.0500	2	02/11/25	02/12/25	
Toluene	10.9	0.0500	2	02/11/25	02/12/25	
o-Xylene	9.69	0.0500	2	02/11/25	02/12/25	
p,m-Xylene	34.8	0.100	2	02/11/25	02/12/25	
Total Xylenes	44.5	0.0500	2	02/11/25	02/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		107 %	70-130	02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Gasoline Range Organics (C6-C10)	859	40.0	2	02/11/25	02/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		151 %	70-130	02/11/25	02/12/25	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507031	
Diesel Range Organics (C10-C28)	5850	125	5	02/11/25	02/12/25	T9
Oil Range Organics (C28-C36)	1710	250	5	02/11/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
		356 %	61-141	02/11/25	02/12/25	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507034	
Chloride	195	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 3:44:54PM

BH02-4'

E502076-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Benzene	ND	0.0250	1	02/11/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/14/25	
Toluene	0.0758	0.0250	1	02/11/25	02/14/25	
o-Xylene	0.0345	0.0250	1	02/11/25	02/14/25	
p,m-Xylene	0.130	0.0500	1	02/11/25	02/14/25	
Total Xylenes	0.164	0.0250	1	02/11/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.4 %	70-130		02/11/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	94.1 %	70-130		02/11/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507031	
Diesel Range Organics (C10-C28)	170	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	79.1	50.0	1	02/11/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
	110 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507034	
Chloride	ND	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 3:44:54PM

BH03-0'

E502076-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Benzene	12.7	0.250	10	02/11/25	02/12/25	
Ethylbenzene	25.2	0.250	10	02/11/25	02/12/25	
Toluene	118	0.250	10	02/11/25	02/12/25	
o-Xylene	49.3	0.250	10	02/11/25	02/12/25	
p,m-Xylene	183	0.500	10	02/11/25	02/12/25	
Total Xylenes	232	0.250	10	02/11/25	02/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		111 %	70-130	02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Gasoline Range Organics (C6-C10)	3760	200	10	02/11/25	02/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		140 %	70-130	02/11/25	02/12/25	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507031	
Diesel Range Organics (C10-C28)	32600	500	20	02/11/25	02/12/25	T9
Oil Range Organics (C28-C36)	9980	1000	20	02/11/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
		1710 %	61-141	02/11/25	02/12/25	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507034	
Chloride	ND	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 3:44:54PM

BH03-2'

E502076-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507027
Benzene	ND	0.0250	1	02/11/25	02/14/25	
Ethylbenzene	0.103	0.0250	1	02/11/25	02/14/25	
Toluene	0.150	0.0250	1	02/11/25	02/14/25	
o-Xylene	0.137	0.0250	1	02/11/25	02/14/25	
p,m-Xylene	0.534	0.0500	1	02/11/25	02/14/25	
Total Xylenes	0.671	0.0250	1	02/11/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	87.7 %	70-130		02/11/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507027
Gasoline Range Organics (C6-C10)	31.3	20.0	1	02/11/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	98.7 %	70-130		02/11/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507031
Diesel Range Organics (C10-C28)	142	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	67.7	50.0	1	02/11/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
	114 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507034
Chloride	ND	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 3:44:54PM

BH04-0'

E502076-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Benzene	1.00	0.250	10	02/11/25	02/12/25	
Ethylbenzene	9.38	0.250	10	02/11/25	02/12/25	
Toluene	19.0	0.250	10	02/11/25	02/12/25	
o-Xylene	18.2	0.250	10	02/11/25	02/12/25	
p,m-Xylene	68.3	0.500	10	02/11/25	02/12/25	
Total Xylenes	86.5	0.250	10	02/11/25	02/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	112 %	70-130		02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Gasoline Range Organics (C6-C10)	1670	200	10	02/11/25	02/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	137 %	70-130		02/11/25	02/12/25	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507031	
Diesel Range Organics (C10-C28)	12100	250	10	02/11/25	02/12/25	T9
Oil Range Organics (C28-C36)	3860	500	10	02/11/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
	559 %	61-141		02/11/25	02/12/25	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507034	
Chloride	ND	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 3:44:54PM

BH04-2'

E502076-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507027
Benzene	0.240	0.0250	1	02/11/25	02/12/25	
Ethylbenzene	2.09	0.0250	1	02/11/25	02/12/25	
Toluene	2.93	0.0250	1	02/11/25	02/12/25	
o-Xylene	3.96	0.0250	1	02/11/25	02/12/25	
p,m-Xylene	13.7	0.0500	1	02/11/25	02/12/25	
Total Xylenes	17.7	0.0250	1	02/11/25	02/12/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		115 %	70-130	02/11/25	02/12/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2507027
Gasoline Range Organics (C6-C10)	488	20.0	1	02/11/25	02/12/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		177 %	70-130	02/11/25	02/12/25	S5
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2507031
Diesel Range Organics (C10-C28)	2950	125	5	02/11/25	02/12/25	T9
Oil Range Organics (C28-C36)	962	250	5	02/11/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
		196 %	61-141	02/11/25	02/12/25	S5
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2507034
Chloride	ND	20.0	1	02/11/25	02/11/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
2/17/2025 3:44:54PM

BH04-4'

E502076-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Benzene	ND	0.0250	1	02/11/25	02/14/25	
Ethylbenzene	ND	0.0250	1	02/11/25	02/14/25	
Toluene	0.0949	0.0250	1	02/11/25	02/14/25	
o-Xylene	0.0353	0.0250	1	02/11/25	02/14/25	
p,m-Xylene	0.112	0.0500	1	02/11/25	02/14/25	
Total Xylenes	0.148	0.0250	1	02/11/25	02/14/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	86.8 %	70-130		02/11/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2507027	
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/11/25	02/14/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.2 %	70-130		02/11/25	02/14/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2507031	
Diesel Range Organics (C10-C28)	113	25.0	1	02/11/25	02/12/25	
Oil Range Organics (C28-C36)	56.6	50.0	1	02/11/25	02/12/25	
<i>Surrogate: n-Nonane</i>						
	111 %	61-141		02/11/25	02/12/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2507034	
Chloride	ND	20.0	1	02/11/25	02/11/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 3:44:54PM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2507027-BLK1)

Prepared: 02/11/25 Analyzed: 02/11/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		92.9	70-130			

LCS (2507027-BS1)

Prepared: 02/11/25 Analyzed: 02/11/25

Benzene	4.79	0.0250	5.00		95.7	70-130			
Ethylbenzene	4.57	0.0250	5.00		91.3	70-130			
Toluene	4.69	0.0250	5.00		93.8	70-130			
o-Xylene	4.58	0.0250	5.00		91.7	70-130			
p,m-Xylene	9.29	0.0500	10.0		92.9	70-130			
Total Xylenes	13.9	0.0250	15.0		92.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			

Matrix Spike (2507027-MS1)

Source: E502076-04

Prepared: 02/11/25 Analyzed: 02/11/25

Benzene	97.7	0.500	100	3.09	94.6	54-133			
Ethylbenzene	104	0.500	100	13.9	90.0	61-133			
Toluene	141	0.500	100	48.4	92.1	61-130			
o-Xylene	122	0.500	100	29.6	92.3	63-131			
p,m-Xylene	283	1.00	200	107	88.1	63-131			
Total Xylenes	405	0.500	300	137	89.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	155		160		97.1	70-130			

Matrix Spike Dup (2507027-MSD1)

Source: E502076-04

Prepared: 02/11/25 Analyzed: 02/11/25

Benzene	97.7	0.500	100	3.09	94.6	54-133	0.00921	20	
Ethylbenzene	103	0.500	100	13.9	89.2	61-133	0.773	20	
Toluene	137	0.500	100	48.4	89.0	61-130	2.23	20	
o-Xylene	120	0.500	100	29.6	90.2	63-131	1.74	20	
p,m-Xylene	277	1.00	200	107	84.7	63-131	2.41	20	
Total Xylenes	396	0.500	300	137	86.6	63-131	2.20	20	
Surrogate: 4-Bromochlorobenzene-PID	157		160		98.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 3:44:54PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2507027-BLK1) Prepared: 02/11/25 Analyzed: 02/11/25

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

LCS (2507027-BS2) Prepared: 02/11/25 Analyzed: 02/11/25

Gasoline Range Organics (C6-C10)	37.7	20.0	50.0		75.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.06		8.00		101	70-130			

Matrix Spike (2507027-MS2) Source: E502076-04 Prepared: 02/11/25 Analyzed: 02/11/25

Gasoline Range Organics (C6-C10)	2350	400	1000	1660	69.2	70-130			M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	186		160		116	70-130			

Matrix Spike Dup (2507027-MSD2) Source: E502076-04 Prepared: 02/11/25 Analyzed: 02/11/25

Gasoline Range Organics (C6-C10)	2270	400	1000	1660	61.0	70-130	3.56	20	M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	187		160		117	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 3:44:54PM

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 (2507031-BLK1)					Prepared: 02/11/25 Analyzed: 02/12/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.5		50.0		111	61-141			

LCS (2507031-BS1)					Prepared: 02/11/25 Analyzed: 02/12/25				
Diesel Range Organics (C10-C28)	279	25.0	250		112	66-144			
Surrogate: n-Nonane	54.3		50.0		109	61-141			

Matrix Spike (2507031-MS1)					Source: E502076-03		Prepared: 02/11/25 Analyzed: 02/12/25		
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	56-156			
Surrogate: n-Nonane	56.0		50.0		112	61-141			

Matrix Spike Dup (2507031-MSD1)					Source: E502076-03		Prepared: 02/11/25 Analyzed: 02/12/25		
Diesel Range Organics (C10-C28)	292	25.0	250	ND	117	56-156	4.97	20	
Surrogate: n-Nonane	57.9		50.0		116	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/17/2025 3:44:54PM

Anions by EPA 300.0/9056A

Analyst: DT

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

Blank (2507034-BLK1)					Prepared: 02/11/25 Analyzed: 02/11/25				
Chloride	ND	20.0							
LCS (2507034-BS1)					Prepared: 02/11/25 Analyzed: 02/11/25				
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2507034-MS1)					Source: E502076-06		Prepared: 02/11/25 Analyzed: 02/11/25		
Chloride	259	20.0	250	ND	103	80-120			
Matrix Spike Dup (2507034-MSD1)					Source: E502076-06		Prepared: 02/11/25 Analyzed: 02/11/25		
Chloride	259	20.0	250	ND	104	80-120	0.188	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 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/17/25 15:44

- 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.



Chain of Custody

Page 1 of 2

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 CTB 3				Address: 5315 Buena Vista Dr				E502076		01058-0007					X	X			
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dvn.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			
Sample Information												Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA		
															Compliance	Y	or	N	
															PWSID #				
															Remarks				
10:32	2/7/2025	S	1	BH01 - 0'		1						X							
10:38	2/7/2025	S	1	BH01 - 2'		2						X							
11:52	2/7/2025	S	1	BH01 - 3'		3						X							
10:40	2/7/2025	S	1	BH02 - 0'		4						X							
10:45	2/7/2025	S	1	BH02 - 2'		5						X							
13:05	2/7/2025	S	1	BH02 - 4'		6						X							
10:52	2/7/2025	S	1	BH03 - 0'		7						X							
11:01	2/7/2025	S	1	BH03 - 2'		8						X							
11:03	2/7/2025	S	1	BH04 - 0'		9						X							
11:08	2/7/2025	S	1	BH04 - 2		10						X							
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.com, bsimmons@ensolum.com oaderinto@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Oluwale Aderinto																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time												
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA _____																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			



envirotech

Page 2 of 2



Envirotech Analytical Laboratory

Printed: 2/11/2025 9:27:00AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	02/11/25 07:30	Work Order ID:	E502076
Phone:	(505) 382-1211	Date Logged In:	02/10/25 15:55	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	02/17/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

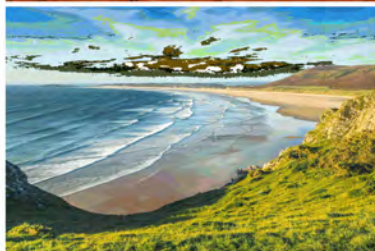
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64
Farmington, NM 87401

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



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 CTB 3

Work Order: E504135

Job Number: 01058-0007

Received: 4/17/2025

Revision: 3

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/25/25

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

Date Reported: 6/25/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 CTB 3
Workorder: E504135
Date Received: 4/17/2025 8:15:38AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/17/2025 8:15:38AM, under the Project Name: Boundary Raider 6 CTB 3.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 CTB 3 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 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/25/25 16:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 - 4-5'	E504135-01A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS02 - 4-5'	E504135-02A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS03 - 4-5'	E504135-03A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS04 - 4-5'	E504135-04A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS05 - 4-5'	E504135-05A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS06 - 4-5'	E504135-06A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS07 - 4-5'	E504135-07A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS08 - 4-5'	E504135-08A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS09 - 4-5'	E504135-09A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS10-4'	E504135-10A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS11-4'	E504135-11A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS12-4'	E504135-12A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS13-4'	E504135-13A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS18-4'	E504135-14A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS19-4'	E504135-15A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS20-4'	E504135-16A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS21-1'	E504135-17A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS22-1'	E504135-18A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS23-1'	E504135-19A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS24-1'	E504135-20A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.



Case Narrative:

Project Name: Boundary Raider 6 CTB 3

Workorder:E504135

Date Received: 04/17/25 08:15

The client requested the following sample(s) to be re-extracted and re-analyzed:

<u>Sample Name</u>	<u>Laboratory ID</u>	<u>Analysis</u>
FS01-5'	E504135-01A	DRO/ORO

The analytical test results summarized in this revised report represent this re-extraction and re-analysis.

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

Respectfully,

Walter Hinchman



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS01 - 4-5'

E504135-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	0.0533	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	0.124	0.0500	1	04/17/25	04/18/25	
Total Xylenes	0.177	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		100 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.9 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2518027	
Diesel Range Organics (C10-C28)	1080	25.0	1	04/29/25	04/29/25	
Oil Range Organics (C28-C36)	323	50.0	1	04/29/25	04/29/25	
<i>Surrogate: n-Nonane</i>						
		92.6 %	61-141	04/29/25	04/29/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	409	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS02 - 4-5'

E504135-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	0.0657	0.0250	1	04/17/25	04/18/25	
Toluene	0.0835	0.0250	1	04/17/25	04/18/25	
o-Xylene	0.177	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	0.561	0.0500	1	04/17/25	04/18/25	
Total Xylenes	0.737	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		109 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.3 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2516073	
Diesel Range Organics (C10-C28)	2390	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	724	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		105 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	1100	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS03 - 4-5'

E504135-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	0.103	0.0250	1	04/17/25	04/18/25	
Toluene	0.0913	0.0250	1	04/17/25	04/18/25	
o-Xylene	0.249	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	0.839	0.0500	1	04/17/25	04/18/25	
Total Xylenes	1.09	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.8 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2516073	
Diesel Range Organics (C10-C28)	2340	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	766	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	1110	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS04 - 4-5'

E504135-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	0.0544	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	0.153	0.0500	1	04/17/25	04/18/25	
Total Xylenes	0.207	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		114 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.9 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516073	
Diesel Range Organics (C10-C28)	2150	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	682	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		108 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	254	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS05 - 4-5'

E504135-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	0.335	0.0250	1	04/17/25	04/18/25	
Toluene	0.488	0.0250	1	04/17/25	04/18/25	
o-Xylene	0.774	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	2.75	0.0500	1	04/17/25	04/18/25	
Total Xylenes	3.52	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	50.3	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		97.5 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2516073	
Diesel Range Organics (C10-C28)	2910	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	831	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	51.4	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS06 - 4-5'

E504135-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	0.0961	0.0250	1	04/17/25	04/18/25	
Toluene	0.224	0.0250	1	04/17/25	04/18/25	
o-Xylene	0.243	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	0.886	0.0500	1	04/17/25	04/18/25	
Total Xylenes	1.13	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		96.6 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2516073	
Diesel Range Organics (C10-C28)	1940	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	618	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		97.2 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	64.9	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS07 - 4-5'

E504135-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	0.0997	0.0250	1	04/17/25	04/18/25	
Toluene	0.0860	0.0250	1	04/17/25	04/18/25	
o-Xylene	0.272	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	0.902	0.0500	1	04/17/25	04/18/25	
Total Xylenes	1.17	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		107 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		93.7 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2516073	
Diesel Range Organics (C10-C28)	1720	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	530	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	57.7	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS08 - 4-5'

E504135-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	0.0431	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	0.139	0.0500	1	04/17/25	04/18/25	
Total Xylenes	0.182	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.8 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2516073
Diesel Range Organics (C10-C28)	915	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	312	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2516075
Chloride	ND	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS09 - 4-5'

E504135-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	108 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	96.3 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: KH		Batch: 2516073	
Diesel Range Organics (C10-C28)	73.9	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
	104 %	61-141		04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	ND	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS10-4'

E504135-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.9 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.5 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2516073
Diesel Range Organics (C10-C28)	106	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
	103 %	61-141		04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2516075
Chloride	32.1	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS11-4'

E504135-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.1 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2516073
Diesel Range Organics (C10-C28)	355	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	116	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2516075
Chloride	ND	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS12-4'

E504135-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		93.0 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2516073
Diesel Range Organics (C10-C28)	174	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	58.3	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		107 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2516075
Chloride	ND	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS13-4'

E504135-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		88.6 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2516073
Diesel Range Organics (C10-C28)	484	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	138	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2516075
Chloride	118	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS18-4'

E504135-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		105 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.6 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2516073
Diesel Range Organics (C10-C28)	140	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	54.4	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		101 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2516075
Chloride	23.8	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS19-4'

E504135-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.4 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2516073	
Diesel Range Organics (C10-C28)	122	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>		102 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	164	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS20-4'

E504135-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		94.5 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2516073
Diesel Range Organics (C10-C28)	121	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2516075
Chloride	183	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS21-1'

E504135-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.8 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	97.0 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2516073	
Diesel Range Organics (C10-C28)	42.2	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>	107 %	61-141		04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	172	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS22-1'

E504135-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		89.2 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2516073	
Diesel Range Organics (C10-C28)	28.4	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	1110	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS23-1'

E504135-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	97.3 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2516064	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	96.0 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KH		Batch: 2516073	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>	107 %	61-141		04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516075	
Chloride	1220	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:57:32PM

FS24-1'

E504135-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.3 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2516064
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	95.3 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KH		Batch: 2516073
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
	109 %	61-141		04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2516075
Chloride	1810	20.0	1	04/17/25	04/17/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 4:57:32PM

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 (2516064-BLK1)

Prepared: 04/17/25 Analyzed: 04/18/25

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	8.18		8.00		102	70-130			

LCS (2516064-BS1)

Prepared: 04/17/25 Analyzed: 04/18/25

Benzene	4.04	0.0250	5.00		80.7	70-130			
Ethylbenzene	3.98	0.0250	5.00		79.6	70-130			
Toluene	4.03	0.0250	5.00		80.5	70-130			
o-Xylene	4.00	0.0250	5.00		80.1	70-130			
p,m-Xylene	7.95	0.0500	10.0		79.5	70-130			
Total Xylenes	12.0	0.0250	15.0		79.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			

Matrix Spike (2516064-MS1)

Source: E504135-10

Prepared: 04/17/25 Analyzed: 04/18/25

Benzene	4.61	0.0250	5.00	ND	92.2	70-130			
Ethylbenzene	4.57	0.0250	5.00	ND	91.3	70-130			
Toluene	4.60	0.0250	5.00	ND	92.0	70-130			
o-Xylene	4.54	0.0250	5.00	ND	90.9	70-130			
p,m-Xylene	9.11	0.0500	10.0	ND	91.1	70-130			
Total Xylenes	13.7	0.0250	15.0	ND	91.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.29		8.00		104	70-130			

Matrix Spike Dup (2516064-MSD1)

Source: E504135-10

Prepared: 04/17/25 Analyzed: 04/18/25

Benzene	4.70	0.0250	5.00	ND	93.9	70-130	1.80	27	
Ethylbenzene	4.65	0.0250	5.00	ND	93.1	70-130	1.90	26	
Toluene	4.69	0.0250	5.00	ND	93.8	70-130	1.89	20	
o-Xylene	4.64	0.0250	5.00	ND	92.7	70-130	2.03	25	
p,m-Xylene	9.29	0.0500	10.0	ND	92.9	70-130	1.96	23	
Total Xylenes	13.9	0.0250	15.0	ND	92.8	70-130	1.98	26	
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 4:57:32PM

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 (2516064-BLK1)					Prepared: 04/17/25 Analyzed: 04/18/25				
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			

LCS (2516064-BS2)					Prepared: 04/17/25 Analyzed: 04/18/25				
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.00		8.00		100	70-130			

Matrix Spike (2516064-MS2)					Source: E504135-10		Prepared: 04/17/25 Analyzed: 04/18/25		
Gasoline Range Organics (C6-C10)	48.2	20.0	50.0	ND	96.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.80		8.00		97.5	70-130			

Matrix Spike Dup (2516064-MSD2)					Source: E504135-10		Prepared: 04/17/25 Analyzed: 04/18/25		
Gasoline Range Organics (C6-C10)	47.9	20.0	50.0	ND	95.8	70-130	0.503	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 4:57:32PM

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 (2516073-BLK1)					Prepared: 04/17/25 Analyzed: 04/18/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.8		50.0		99.6	61-141			

LCS (2516073-BS1)					Prepared: 04/17/25 Analyzed: 04/18/25				
Diesel Range Organics (C10-C28)	293	25.0	250		117	66-144			
Surrogate: n-Nonane	53.7		50.0		107	61-141			

Matrix Spike (2516073-MS1)					Source: E504135-04		Prepared: 04/17/25 Analyzed: 04/18/25		
Diesel Range Organics (C10-C28)	2220	25.0	250	2150	27.0	56-156			M4
Surrogate: n-Nonane	52.4		50.0		105	61-141			

Matrix Spike Dup (2516073-MSD1)					Source: E504135-04		Prepared: 04/17/25 Analyzed: 04/18/25		
Diesel Range Organics (C10-C28)	2460	25.0	250	2150	123	56-156	10.3	20	
Surrogate: n-Nonane	51.4		50.0		103	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 4:57:32PM

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 (2518027-BLK1)					Prepared: 04/29/25 Analyzed: 04/29/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.7		50.0		93.4	61-141			

LCS (2518027-BS1)					Prepared: 04/29/25 Analyzed: 04/29/25				
Diesel Range Organics (C10-C28)	270	25.0	250		108	66-144			
Surrogate: n-Nonane	48.2		50.0		96.3	61-141			

Matrix Spike (2518027-MS1)					Source: E504135-01RE1		Prepared: 04/29/25 Analyzed: 04/29/25		
Diesel Range Organics (C10-C28)	1310	25.0	250	1080	91.6	56-156			
Surrogate: n-Nonane	45.8		50.0		91.6	61-141			

Matrix Spike Dup (2518027-MSD1)					Source: E504135-01RE1		Prepared: 04/29/25 Analyzed: 04/29/25		
Diesel Range Organics (C10-C28)	1260	25.0	250	1080	72.6	56-156	3.69	20	
Surrogate: n-Nonane	41.7		50.0		83.4	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 4:57:32PM

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 (2516075-BLK1)					Prepared: 04/17/25 Analyzed: 04/17/25				
Chloride	ND	20.0							
LCS (2516075-BS1)					Prepared: 04/17/25 Analyzed: 04/17/25				
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2516075-MS1)					Source: E504135-04		Prepared: 04/17/25 Analyzed: 04/17/25		
Chloride	499	20.0	250	254	98.1	80-120			
Matrix Spike Dup (2516075-MSD1)					Source: E504135-04		Prepared: 04/17/25 Analyzed: 04/17/25		
Chloride	512	20.0	250	254	103	80-120	2.62	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 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/25/25 16:57

- 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.



Chain of Custody

Page 1 of 4

Received by OCD: 7/29/2025 8:31:51 AM

Page 33 of 39

Client Information				Invoice Information		Lab Use Only		TAT				State						
Client: Devon				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project: Boundary Raider 6 CTB 3				Address: 5315 Buena Vista Dr		E504135	01058-0007				x	x						
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: (575)689-7597														
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dnv.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information										Analysis and Method				EPA Program				
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA
849	4/15/25	soil	1	FS01-5'			1						x					
851				02			2						x					
852				03			3						x					
853				04			4						x					
854				05			5						x					
855				06			6						x					
856				07			7						x					
858				08			8						x					
859				09			9						x					
900				10-4'			10						x					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, chamilton@ensolum.com, iestrella@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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



envirotech

Page 107 of 251

Chain of Custody

Page 2 of 4

Client Information				Invoice Information		Lab Use Only		TAT				State					
Client: Devon				Company: Devon		Lab WO#		1D 2D 3D Std				NM CO UT TX					
Project: Boundary Raider 6 CTB 3				Address: 5315 Buena Vista Dr		E504135		Job Number				61058-0007					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220								x					
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	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA
901	4/15/25	Soil	1	FS 11-4'		11						X					
902				12		12						X					
903				13		13						X					
851				18		14						X					
903				19		15						X					
904				20		16						X					
905				21-1'		17						X					
905				22		18						X					
907				23		19						X					
906				24		20						X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, chamilton@ensolum.com, iestrella@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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: 0 / N T1 _____ T2 _____ T3 _____ AVG Temp °C 4									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																	
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																	
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	



envirotech

Envirotech Analytical Laboratory

Printed: 4/17/2025 10:47:28AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/17/25 08:15	Work Order ID:	E504135
Phone:	(505) 382-1211	Date Logged In:	04/16/25 15:17	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	04/23/25 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

Project Boundary Raider 6 CTB 3 has been separated into 2 reports due to sample volume. WO are E504135 & E504136.

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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Chain of Custody

Client Information				Invoice Information		Lab Use Only		TAT				State						
Client: Devon				Company: Devon		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX			
Project: Boundary Raider 6 CTB 3				Address: 5315 Buena Vista Dr		E504133	01058-0007				x	x						
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220														
Address: 3122 National Parks Hwy				Phone: (575)689-7597														
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dnv.com														
Phone: 575-988-0055				Miscellaneous: Jim Raley														
Email: agiovengo@ensolum.com																		
Sample Information						Analysis and Method						EPA Program						
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA	
849	4/15/25	soil	1	FS01-5'		1	X					x						
851				02		2						x						
852				03		3						x						
853				04		4						x						
854				05		5						x						
855				06		6						x						
856				07		7						x						
858				08		8						x						
859				09		9						x						
900				10-4'		10						x						
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, chamilton@ensolum.com, iestrella@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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y / <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time											
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																		
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																		



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Chain of Custody

Page 2 of 4

Client Information					Invoice Information			Lab Use Only			TAT				State											
Client: Devon					Company: Devon			Lab WO#			Job Number				<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: Boundary Raider 6 CTB 3					Address: 5315 Buena Vista Dr			E504135			01058-0007															
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	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA									
901	4/15/25	Soil	1	FS 11-4'		11						x														
902				12		12						x														
903				13		13						x														
851				18		14						x														
903				19		15						x														
904				20		16						x														
905				21-1'		17						x														
905				22		18						x														
907				23		19						x														
906				24		20						x														
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, chamilton@ensolum.com, iestrella@ensolum.com																										
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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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <u>0</u> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u>																		
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time																			
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Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																										
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Chain of Custody

Page 1 of 4

Client Information				Invoice Information		Lab Use Only		TAT		State							
Client: Devon				Company: Devon		Lab WO# E504135		Job Number 01058-0007		1D	2D	3D	Std	NM	CO	UT	TX
Project: Boundary Raider 6 CTB 3				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@dyn.com													
Phone: 575-988-0055				Miscellaneous: Jim Raley													
Email: agiovengo@ensolum.com																	
Sample Information										Analysis and Method				EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA
849	4/15/25	soil	1	FS01- ^{NS} 4-5'		1	X					X					
851				02		2						X					
852				03		3						X					
853				04		4						X					
854				05		5						X					
855				06		6						X					
856				07		7						X					
858				08		8						X					
859				09		9						X					
900				10-4'		10						X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dyn.com, chamilton@ensolum.com, iestrella@ensolum.com																	
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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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="radio"/> Y <input type="radio"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
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Chain of Custody

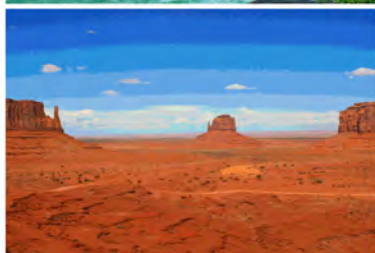
Page 2 of 4

Client Information				Invoice Information		Lab Use Only		TAT				State					
Client: Devon				Company: Devon		Lab WO#		1D 2D 3D Std				NM CO UT TX					
Project: Boundary Raider 6 CTB 3				Address: 5315 Buena Vista Dr		E504135		0658-007				x					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220													
Address: 3122 National Parks Hwy				Phone: (575)689-7597													
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dv.com													
Phone: 575-988-0055				Miscellaneous: Jim Raley													
Email: agiovengo@ensolum.com																	
Sample Information						Analysis and Method								EPA Program			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BSDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA
901	4/15/25	Soil	1	FS 11-4'		11						X					
902				12		12						X					
903				13		13						X					
851				18		14						X					
903				19		15						X					
904				20		16						X					
905				21-1'		17						X					
905				22		18						X					
907				23		19						X					
906				24		20						X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dv.com, chamilton@ensolum.com, iestrella@ensolum.com																	
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Michelle Gonzales		4/16/25	7:11	Michelle Gonzales		4/16/25	0711										
Michelle Gonzales		4/16/25	1620	Richard Gonzales		4/17/25	0815										
Richard Gonzales				Nore Soto													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																	
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Report to:
Ashley Giovengo



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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 CTB 3

Work Order: E504136

Job Number: 01058-0007

Received: 4/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
4/23/25

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: 4/23/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 CTB 3
Workorder: E504136
Date Received: 4/17/2025 8:15:38AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/17/2025 8:15:38AM, under the Project Name: Boundary Raider 6 CTB 3.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

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

Field Offices:

Southern New Mexico Area

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

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

Envirotech Web Address: www.envirotech-inc.com

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Chain of Custody etc.

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/23/25 09:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS25-1'	E504136-01A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS26-1'	E504136-02A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS27-1'	E504136-03A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS14-4'	E504136-04A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS15-4'	E504136-05A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS16-4'	E504136-06A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS17-4'	E504136-07A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
FS28-0.5'	E504136-08A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
SW01-0-4'	E504136-09A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
SW02-0-4'	E504136-10A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
SW03-0-4'	E504136-11A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
SW04-0-4'	E504136-12A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
SW05-0-4'	E504136-13A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.
SW06-0-4'	E504136-14A	Soil	04/15/25	04/17/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Boundary Raider 6 CTB 3 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 4/23/2025 9:12:13AM
---	---	----------------------------------

FS25-1'

E504136-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.3 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	104	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>		104 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	2410	40.0	2	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

FS26-1'

E504136-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		100 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.1 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	32.6	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>		109 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	2090	40.0	2	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

FS27-1'

E504136-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		86.8 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	335	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	112	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	2370	40.0	2	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

FS14-4'

E504136-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	0.0267	0.0250	1	04/17/25	04/18/25	
Toluene	0.0461	0.0250	1	04/17/25	04/18/25	
o-Xylene	0.0871	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	0.255	0.0500	1	04/17/25	04/18/25	
Total Xylenes	0.342	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		106 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		89.5 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	569	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	165	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		104 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	ND	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

FS15-4'

E504136-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.2 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	591	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	184	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	317	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

FS16-4'

E504136-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2516065
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	0.0506	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	0.108	0.0500	1	04/17/25	04/18/25	
Total Xylenes	0.159	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2516065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.5 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2516074
Diesel Range Organics (C10-C28)	340	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	118	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		107 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2516076
Chloride	86.2	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

FS17-4'

E504136-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	0.0470	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		103 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		84.9 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	954	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	312	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>		106 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	195	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

FS28-0.5'

E504136-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		108 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.6 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	945	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	335	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>		107 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	11100	200	10	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

SW01-0-4'

E504136-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	100 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.2 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	28.0	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
	101 %	61-141		04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	61.0	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

SW02-0-4'

E504136-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.5 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		102 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	24.4	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

SW03-0-4'

E504136-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: BA		Batch: 2516065
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		101 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: BA		Batch: 2516065
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		85.5 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2516074
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>						
		106 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: DT		Batch: 2516076
Chloride	ND	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

SW04-0-4'

E504136-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.8 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	89.4 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>	103 %	61-141		04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	ND	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

SW05-0-4'

E504136-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.9 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	87.1 %	70-130		04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>	105 %	61-141		04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	28.5	20.0	1	04/17/25	04/17/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
4/23/2025 9:12:13AM

SW06-0-4'

E504136-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Benzene	ND	0.0250	1	04/17/25	04/18/25	
Ethylbenzene	ND	0.0250	1	04/17/25	04/18/25	
Toluene	ND	0.0250	1	04/17/25	04/18/25	
o-Xylene	ND	0.0250	1	04/17/25	04/18/25	
p,m-Xylene	ND	0.0500	1	04/17/25	04/18/25	
Total Xylenes	ND	0.0250	1	04/17/25	04/18/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2516065	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/17/25	04/18/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %	70-130	04/17/25	04/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2516074	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/17/25	04/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	04/17/25	04/18/25	
<i>Surrogate: n-Nonane</i>		112 %	61-141	04/17/25	04/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: DT		Batch: 2516076	
Chloride	ND	20.0	1	04/17/25	04/17/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/23/2025 9:12:13AM

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 (2516065-BLK1)

Prepared: 04/17/25 Analyzed: 04/17/25

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	8.30		8.00		104	70-130			

LCS (2516065-BS1)

Prepared: 04/17/25 Analyzed: 04/18/25

Benzene	4.68	0.0250	5.00		93.6	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.5	70-130			
Toluene	4.66	0.0250	5.00		93.2	70-130			
o-Xylene	4.63	0.0250	5.00		92.5	70-130			
p,m-Xylene	9.00	0.0500	10.0		90.0	70-130			
Total Xylenes	13.6	0.0250	15.0		90.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130			

Matrix Spike (2516065-MS1)

Source: E504134-03

Prepared: 04/17/25 Analyzed: 04/18/25

Benzene	5.08	0.0250	5.00	ND	102	70-130			
Ethylbenzene	5.03	0.0250	5.00	ND	101	70-130			
Toluene	5.05	0.0250	5.00	ND	101	70-130			
o-Xylene	5.02	0.0250	5.00	ND	100	70-130			
p,m-Xylene	9.76	0.0500	10.0	ND	97.6	70-130			
Total Xylenes	14.8	0.0250	15.0	ND	98.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			

Matrix Spike Dup (2516065-MSD1)

Source: E504134-03

Prepared: 04/17/25 Analyzed: 04/18/25

Benzene	5.15	0.0250	5.00	ND	103	70-130	1.46	27	
Ethylbenzene	5.12	0.0250	5.00	ND	102	70-130	1.83	26	
Toluene	5.14	0.0250	5.00	ND	103	70-130	1.75	20	
o-Xylene	5.12	0.0250	5.00	ND	102	70-130	1.93	25	
p,m-Xylene	9.95	0.0500	10.0	ND	99.5	70-130	1.93	23	
Total Xylenes	15.1	0.0250	15.0	ND	100	70-130	1.93	26	
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/23/2025 9:12:13AM

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 (2516065-BLK1) Prepared: 04/17/25 Analyzed: 04/17/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.02		8.00		87.8	70-130			

LCS (2516065-BS2) Prepared: 04/17/25 Analyzed: 04/18/25

Gasoline Range Organics (C6-C10)	49.7	20.0	50.0		99.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		8.00		86.7	70-130			

Matrix Spike (2516065-MS2) Source: E504134-03 Prepared: 04/17/25 Analyzed: 04/18/25

Gasoline Range Organics (C6-C10)	46.4	20.0	50.0	ND	92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.1	70-130			

Matrix Spike Dup (2516065-MSD2) Source: E504134-03 Prepared: 04/17/25 Analyzed: 04/18/25

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.5	70-130	0.377	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/23/2025 9:12:13AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2516074-BLK1)					Prepared: 04/17/25 Analyzed: 04/18/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.8		50.0		106	61-141			

LCS (2516074-BS1)					Prepared: 04/17/25 Analyzed: 04/18/25				
Diesel Range Organics (C10-C28)	304	25.0	250		121	66-144			
Surrogate: n-Nonane	55.9		50.0		112	61-141			

Matrix Spike (2516074-MS1)					Source: E504136-01		Prepared: 04/17/25 Analyzed: 04/18/25		
Diesel Range Organics (C10-C28)	370	25.0	250	104	107	56-156			
Surrogate: n-Nonane	55.7		50.0		111	61-141			

Matrix Spike Dup (2516074-MSD1)					Source: E504136-01		Prepared: 04/17/25 Analyzed: 04/18/25		
Diesel Range Organics (C10-C28)	355	25.0	250	104	100	56-156	4.26	20	
Surrogate: n-Nonane	54.3		50.0		109	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/23/2025 9:12:13AM

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 (2516076-BLK1)					Prepared: 04/17/25 Analyzed: 04/17/25				
Chloride	ND	20.0							
LCS (2516076-BS1)					Prepared: 04/17/25 Analyzed: 04/17/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2516076-MS1)					Source: E504134-03		Prepared: 04/17/25 Analyzed: 04/17/25		
Chloride	917	200	250	747	68.1	80-120			M2
Matrix Spike Dup (2516076-MSD1)					Source: E504134-03		Prepared: 04/17/25 Analyzed: 04/17/25		
Chloride	982	200	250	747	93.8	80-120	6.76	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 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/23/25 09:12

- 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.



Chain of Custody

Page 3 of 4

Client Information				Invoice Information		Lab Use Only		TAT				State					
Client: Devon				Company: Devon		Lab WO#		1D 2D 3D Std				NM CO UT TX					
Project: Boundary Raider 6 CTB 3				Address: 5315 Buena Vista Dr		E5041360		Job Number				01058-0007					
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220								x					
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	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	SDWA	CWA	RCRA
908	4/15/25	soil	1	F525-1'		1						X					
908				26		2						X					
909				27 ↓		3						X					
1205				14-4'		4						X					
1207				15		5						X					
1208				16		6						X					
1210						7						X					
1245				17 ↓		8						X					
1247				↓ 28-0.5'		9						X					
1322				sw01-0-4'		10						X					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dnv.com, chamliton@ensolum.com, iestrella@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 in ice at an avg temp above 0 but less than 6 °C on subsequent days. Lab Use Only Received on ice: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N T1 _____ T2 _____ T3 _____ AVG Temp °C 4									
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time										
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA							
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																	



envirotech

Page 4 of 4



Envirotech Analytical Laboratory

Printed: 4/17/2025 10:50:14AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	04/17/25 08:15	Work Order ID:	E504136
Phone:	(505) 382-1211	Date Logged In:	04/16/25 15:21	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	04/23/25 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

Project Boundary Raider 6 CTB 3 has been separated into 2 reports due to sample volume. WO are E504135 & E504136.

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? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 CTB 3

Work Order: E505084

Job Number: 01058-0007

Received: 5/8/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/25/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/25/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 CTB 3
Workorder: E505084
Date Received: 5/8/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2025 7:00:00AM, under the Project Name: Boundary Raider 6 CTB 3.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 CTB 3 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

Raina Schwanz
Laboratory Administrator
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/25/25 17:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01 - 4-5.5'	E505084-01A	Soil	05/06/25	05/08/25	Glass Jar, 4 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported: 6/25/2025 5:00:17PM
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

FS01 - 4-5.5'

E505084-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2519139	
Benzene	ND	0.0250	1	05/09/25	05/13/25	
Ethylbenzene	ND	0.0250	1	05/09/25	05/13/25	
Toluene	ND	0.0250	1	05/09/25	05/13/25	
o-Xylene	ND	0.0250	1	05/09/25	05/13/25	
p,m-Xylene	ND	0.0500	1	05/09/25	05/13/25	
Total Xylenes	ND	0.0250	1	05/09/25	05/13/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	05/09/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2519139	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/09/25	05/13/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		91.8 %	70-130	05/09/25	05/13/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2519143	
Diesel Range Organics (C10-C28)	70.6	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	05/09/25	05/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2519158	
Chloride	204	20.0	1	05/09/25	05/12/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 5:00:17PM

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 (2519139-BLK1)

Prepared: 05/09/25 Analyzed: 05/13/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.7	70-130			

LCS (2519139-BS1)

Prepared: 05/09/25 Analyzed: 05/13/25

Benzene	5.48	0.0250	5.00		110	70-130			
Ethylbenzene	5.35	0.0250	5.00		107	70-130			
Toluene	5.44	0.0250	5.00		109	70-130			
o-Xylene	5.25	0.0250	5.00		105	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.0	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.8	70-130			

Matrix Spike (2519139-MS1)

Source: E505108-02

Prepared: 05/09/25 Analyzed: 05/13/25

Benzene	5.22	0.0250	5.00	ND	104	70-130			
Ethylbenzene	5.10	0.0250	5.00	ND	102	70-130			
Toluene	5.17	0.0250	5.00	ND	103	70-130			
o-Xylene	4.99	0.0250	5.00	ND	99.7	70-130			
p,m-Xylene	10.3	0.0500	10.0	ND	103	70-130			
Total Xylenes	15.2	0.0250	15.0	ND	102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.6	70-130			

Matrix Spike Dup (2519139-MSD1)

Source: E505108-02

Prepared: 05/09/25 Analyzed: 05/13/25

Benzene	5.35	0.0250	5.00	ND	107	70-130	2.49	27	
Ethylbenzene	5.25	0.0250	5.00	ND	105	70-130	2.97	26	
Toluene	5.31	0.0250	5.00	ND	106	70-130	2.62	20	
o-Xylene	5.16	0.0250	5.00	ND	103	70-130	3.36	25	
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130	3.00	23	
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130	3.12	26	
Surrogate: 4-Bromochlorobenzene-PID	7.96		8.00		99.4	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 5:00:17PM

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 (2519139-BLK1) Prepared: 05/09/25 Analyzed: 05/13/25

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

LCS (2519139-BS2) Prepared: 05/09/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	70-130			

Matrix Spike (2519139-MS2) Source: E505108-02 Prepared: 05/09/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

Matrix Spike Dup (2519139-MSD2) Source: E505108-02 Prepared: 05/09/25 Analyzed: 05/13/25

Gasoline Range Organics (C6-C10)	49.1	20.0	50.0	ND	98.2	70-130	5.25	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.7	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 5:00:17PM

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 (2519143-BLK1)					Prepared: 05/09/25 Analyzed: 05/10/25				
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 (2519143-BS1)					Prepared: 05/09/25 Analyzed: 05/10/25				
Diesel Range Organics (C10-C28)	268	25.0	250		107	66-144			
Surrogate: n-Nonane	49.4		50.0		98.9	61-141			

Matrix Spike (2519143-MS1)					Source: E505086-02		Prepared: 05/09/25 Analyzed: 05/10/25		
Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156			
Surrogate: n-Nonane	51.7		50.0		103	61-141			

Matrix Spike Dup (2519143-MSD1)					Source: E505086-02		Prepared: 05/09/25 Analyzed: 05/10/25		
Diesel Range Organics (C10-C28)	284	25.0	250	ND	113	56-156	1.04	20	
Surrogate: n-Nonane	50.0		50.0		100	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 5:00:17PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2519158-BLK1)					Prepared: 05/09/25 Analyzed: 05/12/25				
Chloride	ND	20.0							
LCS (2519158-BS1)					Prepared: 05/09/25 Analyzed: 05/12/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2519158-MS1)					Source: E505073-03		Prepared: 05/09/25 Analyzed: 05/12/25		
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2519158-MSD1)					Source: E505073-03		Prepared: 05/09/25 Analyzed: 05/12/25		
Chloride	259	20.0	250	ND	104	80-120	0.0725	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 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/25/25 17:00

- 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 CTB 3				Address: 5315 Buena Vista Dr		E505084	010580007				X	X							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@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	
10:45	5/6/2025	S	1	FS01 - 5.5'		1													
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@envirotech.com, iestrella@ensolum.com, chamilton@ensolum.com, oaderinto@ensolum.com, bmoir@ensolum.com																			
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																			
Sampled by: Oluwale Aderinto																			
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6°C on subsequent days. Lab Use Only Received on ice: (Y) N											
Oluwale Aderinto		5/7/25	08:15	Michelle Gonzales		5-7-25	6:15												
Michelle Gonzales		5-7-25	1530			5-7-25	1530												
		5-7-25	2200	Caitlin Mann		5-8-25	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: 5/8/2025 12:15:07PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/08/25 07:00	Work Order ID:	E505084
Phone:	(505) 382-1211	Date Logged In:	05/07/25 14:29	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/14/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

Carrier: Courier

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

Comments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

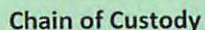
Client Instruction

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

Date



envirotech Inc.

Page 13 of 13

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 CTB 3

Work Order: E505085

Job Number: 01058-0007

Received: 5/8/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/14/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/14/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 CTB 3
Workorder: E505085
Date Received: 5/8/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/8/2025 7:00:00AM, under the Project Name: Boundary Raider 6 CTB 3.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 CTB 3 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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rainaschwanz@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/14/25 07:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH05-6'	E505085-01A	Soil	05/06/25	05/08/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Boundary Raider 6 CTB 3 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 5/14/2025 7:49:58AM
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BH05-6'

E505085-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Benzene	ND	0.0250	1	05/08/25	05/10/25	
Ethylbenzene	ND	0.0250	1	05/08/25	05/10/25	
Toluene	ND	0.0250	1	05/08/25	05/10/25	
o-Xylene	ND	0.0250	1	05/08/25	05/10/25	
p,m-Xylene	ND	0.0500	1	05/08/25	05/10/25	
Total Xylenes	ND	0.0250	1	05/08/25	05/10/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		102 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2519095	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/08/25	05/10/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		90.5 %	70-130	05/08/25	05/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2519143	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/09/25	05/10/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/09/25	05/10/25	
<i>Surrogate: n-Nonane</i>		103 %	61-141	05/09/25	05/10/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2519158	
Chloride	ND	20.0	1	05/09/25	05/12/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/14/2025 7:49:58AM

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 (2519095-BLK1)

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.02		8.00		100	70-130			

LCS (2519095-BS1)

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	5.72	0.0250	5.00		114	70-130			
Ethylbenzene	5.64	0.0250	5.00		113	70-130			
Toluene	5.70	0.0250	5.00		114	70-130			
o-Xylene	5.57	0.0250	5.00		111	70-130			
p,m-Xylene	11.3	0.0500	10.0		113	70-130			
Total Xylenes	16.9	0.0250	15.0		113	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.3	70-130			

Matrix Spike (2519095-MS1)

Source: E505080-01

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	5.89	0.0250	5.00	ND	118	70-130			
Ethylbenzene	5.79	0.0250	5.00	ND	116	70-130			
Toluene	5.87	0.0250	5.00	ND	117	70-130			
o-Xylene	5.70	0.0250	5.00	ND	114	70-130			
p,m-Xylene	11.6	0.0500	10.0	ND	116	70-130			
Total Xylenes	17.3	0.0250	15.0	ND	116	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.26		8.00		103	70-130			

Matrix Spike Dup (2519095-MSD1)

Source: E505080-01

Prepared: 05/08/25 Analyzed: 05/10/25

Benzene	5.78	0.0250	5.00	ND	116	70-130	1.93	27	
Ethylbenzene	5.67	0.0250	5.00	ND	113	70-130	2.06	26	
Toluene	5.74	0.0250	5.00	ND	115	70-130	2.11	20	
o-Xylene	5.58	0.0250	5.00	ND	112	70-130	2.21	25	
p,m-Xylene	11.4	0.0500	10.0	ND	114	70-130	2.07	23	
Total Xylenes	17.0	0.0250	15.0	ND	113	70-130	2.12	26	
Surrogate: 4-Bromochlorobenzene-PID	8.14		8.00		102	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/14/2025 7:49:58AM

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 (2519095-BLK1) Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.25		8.00		90.7	70-130			

LCS (2519095-BS2) Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	46.1	20.0	50.0		92.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike (2519095-MS2) Source: E505080-01 Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0	ND	93.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.4	70-130			

Matrix Spike Dup (2519095-MSD2) Source: E505080-01 Prepared: 05/08/25 Analyzed: 05/10/25

Gasoline Range Organics (C6-C10)	48.7	20.0	50.0	ND	97.4	70-130	4.12	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/14/2025 7:49:58AM

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 (2519143-BLK1)

Prepared: 05/09/25 Analyzed: 05/10/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: <i>n</i> -Nonane	51.1		50.0		102	61-141			

LCS (2519143-BS1)

Prepared: 05/09/25 Analyzed: 05/10/25

Diesel Range Organics (C10-C28)	268	25.0	250		107	66-144			
Surrogate: <i>n</i> -Nonane	49.4		50.0		98.9	61-141			

Matrix Spike (2519143-MS1)

Source: E505086-02

Prepared: 05/09/25 Analyzed: 05/10/25

Diesel Range Organics (C10-C28)	287	25.0	250	ND	115	56-156			
Surrogate: <i>n</i> -Nonane	51.7		50.0		103	61-141			

Matrix Spike Dup (2519143-MSD1)

Source: E505086-02

Prepared: 05/09/25 Analyzed: 05/10/25

Diesel Range Organics (C10-C28)	284	25.0	250	ND	113	56-156	1.04	20	
Surrogate: <i>n</i> -Nonane	50.0		50.0		100	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/14/2025 7:49:58AM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2519158-BLK1)					Prepared: 05/09/25 Analyzed: 05/12/25				
Chloride	ND	20.0							
LCS (2519158-BS1)					Prepared: 05/09/25 Analyzed: 05/12/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2519158-MS1)					Source: E505073-03		Prepared: 05/09/25 Analyzed: 05/12/25		
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2519158-MSD1)					Source: E505073-03		Prepared: 05/09/25 Analyzed: 05/12/25		
Chloride	259	20.0	250	ND	104	80-120	0.0725	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 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/14/25 07:49

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

 **envirotech**
Analytical Laboratory

Envirotech Analytical Laboratory

Printed: 5/8/2025 12:18:32PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/08/25 07:00	Work Order ID:	E505085
Phone:	(505) 382-1211	Date Logged In:	05/07/25 14:36	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/14/25 17:00 (4 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? 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 CTB 3

Work Order: E505159

Job Number: 01058-0007

Received: 5/15/2025

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
6/25/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 6/25/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 CTB 3
Workorder: E505159
Date Received: 5/15/2025 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/15/2025 8:00:00AM, under the Project Name: Boundary Raider 6 CTB 3.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 CTB 3 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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Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/25/25 16:22

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS02 - 4-8'	E505159-01A	Soil	05/14/25	05/15/25	Glass Jar, 2 oz.
FS03 - 4-6'	E505159-02A	Soil	05/14/25	05/15/25	Glass Jar, 2 oz.
FS04 - 4-6'	E505159-03A	Soil	05/14/25	05/15/25	Glass Jar, 2 oz.
FS05 - 4-6'	E505159-04A	Soil	05/14/25	05/15/25	Glass Jar, 2 oz.
FS06 - 4-6'	E505159-05A	Soil	05/14/25	05/15/25	Glass Jar, 2 oz.
FS07 - 4-6'	E505159-06A	Soil	05/14/25	05/15/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Boundary Raider 6 CTB 3 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 6/25/2025 4:22:14PM
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FS02 - 4-8'

E505159-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Benzene	ND	0.0250	1	05/15/25	05/16/25	
Ethylbenzene	0.0520	0.0250	1	05/15/25	05/16/25	
Toluene	0.0695	0.0250	1	05/15/25	05/16/25	
o-Xylene	0.118	0.0250	1	05/15/25	05/16/25	
p,m-Xylene	0.432	0.0500	1	05/15/25	05/16/25	
Total Xylenes	0.550	0.0250	1	05/15/25	05/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		104 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/25	05/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: HM		Batch: 2520088	
Diesel Range Organics (C10-C28)	30.0	25.0	1	05/15/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/25	05/15/25	
<i>Surrogate: n-Nonane</i>		110 %	61-141	05/15/25	05/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2520095	
Chloride	37.6	20.0	1	05/15/25	05/16/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:22:14PM

FS03 - 4-6'

E505159-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Benzene	ND	0.0250	1	05/15/25	05/16/25	
Ethylbenzene	ND	0.0250	1	05/15/25	05/16/25	
Toluene	ND	0.0250	1	05/15/25	05/16/25	
o-Xylene	ND	0.0250	1	05/15/25	05/16/25	
p,m-Xylene	ND	0.0500	1	05/15/25	05/16/25	
Total Xylenes	ND	0.0250	1	05/15/25	05/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		102 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/25	05/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2520088	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/25	05/15/25	
<i>Surrogate: n-Nonane</i>						
		117 %	61-141	05/15/25	05/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2520095	
Chloride	ND	20.0	1	05/15/25	05/16/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:22:14PM

FS04 - 4-6'

E505159-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Benzene	ND	0.0250	1	05/15/25	05/16/25	
Ethylbenzene	ND	0.0250	1	05/15/25	05/16/25	
Toluene	ND	0.0250	1	05/15/25	05/16/25	
o-Xylene	ND	0.0250	1	05/15/25	05/16/25	
p,m-Xylene	ND	0.0500	1	05/15/25	05/16/25	
Total Xylenes	ND	0.0250	1	05/15/25	05/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/25	05/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		104 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2520088	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/25	05/15/25	
<i>Surrogate: n-Nonane</i>						
		117 %	61-141	05/15/25	05/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2520095	
Chloride	31.6	20.0	1	05/15/25	05/15/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:22:14PM

FS05 - 4-6'

E505159-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Benzene	ND	0.0250	1	05/15/25	05/16/25	
Ethylbenzene	ND	0.0250	1	05/15/25	05/16/25	
Toluene	ND	0.0250	1	05/15/25	05/16/25	
o-Xylene	ND	0.0250	1	05/15/25	05/16/25	
p,m-Xylene	ND	0.0500	1	05/15/25	05/16/25	
Total Xylenes	ND	0.0250	1	05/15/25	05/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/25	05/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2520088	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/25	05/15/25	
<i>Surrogate: n-Nonane</i>						
		116 %	61-141	05/15/25	05/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2520095	
Chloride	ND	20.0	1	05/15/25	05/16/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:22:14PM

FS06 - 4-6'

E505159-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Benzene	ND	0.0250	1	05/15/25	05/16/25	
Ethylbenzene	ND	0.0250	1	05/15/25	05/16/25	
Toluene	ND	0.0250	1	05/15/25	05/16/25	
o-Xylene	ND	0.0250	1	05/15/25	05/16/25	
p,m-Xylene	ND	0.0500	1	05/15/25	05/16/25	
Total Xylenes	ND	0.0250	1	05/15/25	05/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		104 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/25	05/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		101 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2520088	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/25	05/15/25	
<i>Surrogate: n-Nonane</i>						
		114 %	61-141	05/15/25	05/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2520095	
Chloride	ND	20.0	1	05/15/25	05/16/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
6/25/2025 4:22:14PM

FS07 - 4-6'

E505159-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Benzene	ND	0.0250	1	05/15/25	05/16/25	
Ethylbenzene	ND	0.0250	1	05/15/25	05/16/25	
Toluene	ND	0.0250	1	05/15/25	05/16/25	
o-Xylene	ND	0.0250	1	05/15/25	05/16/25	
p,m-Xylene	ND	0.0500	1	05/15/25	05/16/25	
Total Xylenes	ND	0.0250	1	05/15/25	05/16/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg	Analyst: SL		Batch: 2520089	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/15/25	05/16/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		107 %	70-130	05/15/25	05/16/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg	Analyst: HM		Batch: 2520088	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/15/25	05/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/15/25	05/15/25	
<i>Surrogate: n-Nonane</i>						
		113 %	61-141	05/15/25	05/15/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2520095	
Chloride	ND	20.0	1	05/15/25	05/16/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 4:22:14PM

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 (2520089-BLK1)

Prepared: 05/15/25 Analyzed: 05/16/25

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	7.93		8.00		99.1	70-130			

LCS (2520089-BS1)

Prepared: 05/15/25 Analyzed: 05/16/25

Benzene	4.31	0.0250	5.00		86.2	70-130			
Ethylbenzene	4.28	0.0250	5.00		85.7	70-130			
Toluene	4.29	0.0250	5.00		85.8	70-130			
o-Xylene	4.28	0.0250	5.00		85.6	70-130			
p,m-Xylene	8.71	0.0500	10.0		87.1	70-130			
Total Xylenes	13.0	0.0250	15.0		86.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.99		8.00		99.9	70-130			

Matrix Spike (2520089-MS1)

Source: E505160-03

Prepared: 05/15/25 Analyzed: 05/16/25

Benzene	5.23	0.0250	5.00	ND	105	70-130			
Ethylbenzene	5.22	0.0250	5.00	ND	104	70-130			
Toluene	5.21	0.0250	5.00	ND	104	70-130			
o-Xylene	5.18	0.0250	5.00	ND	104	70-130			
p,m-Xylene	10.6	0.0500	10.0	ND	106	70-130			
Total Xylenes	15.8	0.0250	15.0	ND	105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			

Matrix Spike Dup (2520089-MSD1)

Source: E505160-03

Prepared: 05/15/25 Analyzed: 05/16/25

Benzene	4.83	0.0250	5.00	ND	96.6	70-130	7.98	27	
Ethylbenzene	4.85	0.0250	5.00	ND	97.1	70-130	7.24	26	
Toluene	4.83	0.0250	5.00	ND	96.7	70-130	7.61	20	
o-Xylene	4.84	0.0250	5.00	ND	96.9	70-130	6.70	25	
p,m-Xylene	9.85	0.0500	10.0	ND	98.5	70-130	7.13	23	
Total Xylenes	14.7	0.0250	15.0	ND	97.9	70-130	6.99	26	
Surrogate: 4-Bromochlorobenzene-PID	8.15		8.00		102	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 4:22:14PM

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 (2520089-BLK1) Prepared: 05/15/25 Analyzed: 05/16/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.68		8.00		109	70-130			

LCS (2520089-BS2) Prepared: 05/15/25 Analyzed: 05/16/25

Gasoline Range Organics (C6-C10)	46.8	20.0	50.0		93.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.56		8.00		107	70-130			

Matrix Spike (2520089-MS2) Source: E505160-03 Prepared: 05/15/25 Analyzed: 05/16/25

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.43		8.00		105	70-130			

Matrix Spike Dup (2520089-MSD2) Source: E505160-03 Prepared: 05/15/25 Analyzed: 05/16/25

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0	ND	95.4	70-130	7.82	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.49		8.00		106	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 4:22:14PM

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 (2520088-BLK1)					Prepared: 05/15/25 Analyzed: 05/15/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.6		50.0		113	61-141			

LCS (2520088-BS1)					Prepared: 05/15/25 Analyzed: 05/15/25				
Diesel Range Organics (C10-C28)	287	25.0	250		115	66-144			
Surrogate: n-Nonane	55.6		50.0		111	61-141			

Matrix Spike (2520088-MS1)					Source: E505151-02		Prepared: 05/15/25 Analyzed: 05/15/25		
Diesel Range Organics (C10-C28)	296	25.0	250	ND	118	56-156			
Surrogate: n-Nonane	55.7		50.0		111	61-141			

Matrix Spike Dup (2520088-MSD1)					Source: E505151-02		Prepared: 05/15/25 Analyzed: 05/15/25		
Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	56-156	0.261	20	
Surrogate: n-Nonane	55.6		50.0		111	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	6/25/2025 4:22:14PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2520095-BLK1)					Prepared: 05/15/25 Analyzed: 05/15/25				
Chloride	ND	20.0							
LCS (2520095-BS1)					Prepared: 05/15/25 Analyzed: 05/15/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2520095-MS1)					Source: E505159-03		Prepared: 05/15/25 Analyzed: 05/15/25		
Chloride	282	20.0	250	31.6	100	80-120			
Matrix Spike Dup (2520095-MSD1)					Source: E505159-03		Prepared: 05/15/25 Analyzed: 05/15/25		
Chloride	272	20.0	250	31.6	96.3	80-120	3.30	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 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	06/25/25 16:22

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

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

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



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: Boudary Raider 6 CTB 3				Address: 5315 Buena Vista Dr		E505159	01058-0007					x							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@dv.com															
Phone: 575-988-0055				Miscellaneous: Jim Raley															
Email: agiovengo@ensolum.com																			
Sample Information						Analysis and Method								EPA Program					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field Filter	Lab Number	DRO/DRO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
10:58	5/14/2025	S	1	FS02 - 8'		1								x					
9:48	5/14/2025	S	1	FS03 - 6'		2								x					
9:49	5/14/2025	S	1	FS04 - 6'		3								x					
10:12	5/14/2025	S	1	FS05 - 6'		4								x					
10:14	5/14/2025	S	1	FS06 - 6'		5								x					
10:15	5/14/2025	S	1	FS07 - 6'		6								x					
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: Cole Burton																			
Relinquished by: (Signature)	Date	Time	Relinquished 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.													
Michelle Gonzalez	5/14/25	12:45	Michelle Gonzalez	5-14-25	1245	<div>Lab Use Only</div> <div>Received on ice:</div> <div>(Y) N</div>													
Michelle Gonzalez	5-14-25	1700	Michelle Gonzalez	5-14-25	1700														
Michelle Gonzalez	5-14-25	2300	Michelle Gonzalez	5-15-25	800														
Michelle Gonzalez			Michelle Gonzalez																
Relinquished by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time														
Relinquished by: (Signature)	Date	Time	Relinquished by: (Signature)	Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 5/15/2025 9:29:04AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/15/25 08:00	Work Order ID:	E505159
Phone:	(505) 382-1211	Date Logged In:	05/14/25 15:15	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/16/25 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

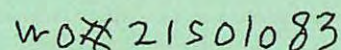
Client Instruction

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

Date



envirotech Inc.

Page 18 of 18

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 CTB 3

Work Order: E505189

Job Number: 01058-0007

Received: 5/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/20/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



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

Date Reported: 5/20/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 CTB 3
Workorder: E505189
Date Received: 5/19/2025 7:30:17AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/19/2025 7:30:17AM, under the Project Name: Boundary Raider 6 CTB 3.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 CTB 3 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
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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 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/20/25 15:12

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW07-4'-8'	E505189-01A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
5/20/2025 3:12:36PM

SW07-4'-8'

E505189-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA		Batch: 2521006	
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		101 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2521006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		92.9 %	70-130	05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2521012	
Diesel Range Organics (C10-C28)	ND	25.0	1	05/19/25	05/20/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/25	05/20/25	
<i>Surrogate: n-Nonane</i>		116 %	61-141	05/19/25	05/20/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2521008	
Chloride	ND	20.0	1	05/19/25	05/19/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/20/2025 3:12:36PM

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 (2521006-BLK1)

Prepared: 05/19/25 Analyzed: 05/19/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.07		8.00		101	70-130			

LCS (2521006-BS1)

Prepared: 05/19/25 Analyzed: 05/19/25

Benzene	5.32	0.0250	5.00		106	70-130			
Ethylbenzene	5.44	0.0250	5.00		109	70-130			
Toluene	5.43	0.0250	5.00		109	70-130			
o-Xylene	5.36	0.0250	5.00		107	70-130			
p,m-Xylene	11.0	0.0500	10.0		110	70-130			
Total Xylenes	16.3	0.0250	15.0		109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.01		8.00		100	70-130			

Matrix Spike (2521006-MS1)

Source: E505199-07

Prepared: 05/19/25 Analyzed: 05/20/25

Benzene	5.24	0.0250	5.00	ND	105	70-130			
Ethylbenzene	5.33	0.0250	5.00	ND	107	70-130			
Toluene	5.33	0.0250	5.00	ND	107	70-130			
o-Xylene	5.25	0.0250	5.00	ND	105	70-130			
p,m-Xylene	10.7	0.0500	10.0	ND	107	70-130			
Total Xylenes	16.0	0.0250	15.0	ND	107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.05		8.00		101	70-130			

Matrix Spike Dup (2521006-MSD1)

Source: E505199-07

Prepared: 05/19/25 Analyzed: 05/20/25

Benzene	5.31	0.0250	5.00	ND	106	70-130	1.19	27	
Ethylbenzene	5.44	0.0250	5.00	ND	109	70-130	1.92	26	
Toluene	5.42	0.0250	5.00	ND	108	70-130	1.63	20	
o-Xylene	5.36	0.0250	5.00	ND	107	70-130	2.00	25	
p,m-Xylene	11.0	0.0500	10.0	ND	110	70-130	2.03	23	
Total Xylenes	16.3	0.0250	15.0	ND	109	70-130	2.02	26	
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/20/2025 3:12:36PM

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 (2521006-BLK1) Prepared: 05/19/25 Analyzed: 05/19/25

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

LCS (2521006-BS2) Prepared: 05/19/25 Analyzed: 05/19/25

Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			

Matrix Spike (2521006-MS2) Source: E505199-07 Prepared: 05/19/25 Analyzed: 05/20/25

Gasoline Range Organics (C6-C10)	40.1	20.0	50.0	ND	80.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			

Matrix Spike Dup (2521006-MSD2) Source: E505199-07 Prepared: 05/19/25 Analyzed: 05/20/25

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0	ND	90.9	70-130	12.6	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.64		8.00		95.5	70-130			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/20/2025 3:12:36PM

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 (2521012-BLK1)					Prepared: 05/19/25 Analyzed: 05/19/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	65.5		50.0		131	61-141			

LCS (2521012-BS1)					Prepared: 05/19/25 Analyzed: 05/19/25				
Diesel Range Organics (C10-C28)	294	25.0	250		118	66-144			
Surrogate: n-Nonane	55.2		50.0		110	61-141			

Matrix Spike (2521012-MS1)					Source: E505179-01		Prepared: 05/19/25 Analyzed: 05/19/25		
Diesel Range Organics (C10-C28)	340	25.0	250	ND	136	56-156			
Surrogate: n-Nonane	62.9		50.0		126	61-141			

Matrix Spike Dup (2521012-MSD1)					Source: E505179-01		Prepared: 05/19/25 Analyzed: 05/19/25		
Diesel Range Organics (C10-C28)	311	25.0	250	ND	124	56-156	8.76	20	
Surrogate: n-Nonane	56.3		50.0		113	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/20/2025 3:12:36PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2521008-BLK1)					Prepared: 05/19/25 Analyzed: 05/19/25				
Chloride	ND	20.0							
LCS (2521008-BS1)					Prepared: 05/19/25 Analyzed: 05/19/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2521008-MS1)					Source: E505179-01		Prepared: 05/19/25 Analyzed: 05/19/25		
Chloride	1810	20.0	250	1580	92.0	80-120			
Matrix Spike Dup (2521008-MSD1)					Source: E505179-01		Prepared: 05/19/25 Analyzed: 05/19/25		
Chloride	1830	20.0	250	1580	100	80-120	1.12	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 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/20/25 15:12

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



Client Information				Invoice Information		Lab Use Only		TAT		State									
Client: Devon				Company: Devon Energy		Lab WO#	Job Number	1D	2D	3D	Std	NM	CO	UT	TX				
Project: <u>Boundary Raider CTRB3</u>				Address: 5315 Buena Vista Dr		<u>E505189</u>	<u>010584007</u>					x							
Project Manager: Ashley Giovengo				City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy				Phone: (575)689-7597															
City, State, Zip: Carlsbad NM, 88220				Email: jim.raley@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	
928	5/15/2025	S	1	SW07 - 4'-8'		1								x					
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.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: Rythum Rai																			
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>Y/N</u>													
<u>[Signature]</u>	<u>05/16/2025</u>	<u>0711</u>	<u>Michelle Gonzales</u>	<u>5-16-25</u>	<u>0711</u>														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
<u>Michelle Gonzales</u>	<u>5-17-25</u>	<u>0230</u>	<u>Caitlynn</u>	<u>5-19-25</u>	<u>730</u>														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time														
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																			
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																			

Envirotech Analytical Laboratory

Printed: 5/19/2025 9:45:17AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/19/25 07:30	Work Order ID:	E505189
Phone:	(505) 382-1211	Date Logged In:	05/16/25 15:40	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/20/25 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/Resolution

Visible white out present on COC.

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 CTB 3

Work Order: E505192

Job Number: 01058-0007

Received: 5/19/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/23/25

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: 5/23/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 CTB 3
Workorder: E505192
Date Received: 5/19/2025 7:30:17AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/19/2025 7:30:17AM, under the Project Name: Boundary Raider 6 CTB 3.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 CTB 3 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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Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
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Michelle Gonzales
Client Representative
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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/23/25 07:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BF01	E505192-01A	Soil	05/15/25	05/19/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Boundary Raider 6 CTB 3 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 5/23/2025 7:30:59AM
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BF01

E505192-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: IY		Batch: 2521004	
Benzene	ND	0.0250	1	05/19/25	05/20/25	
Ethylbenzene	ND	0.0250	1	05/19/25	05/20/25	
Toluene	ND	0.0250	1	05/19/25	05/20/25	
o-Xylene	ND	0.0250	1	05/19/25	05/20/25	
p,m-Xylene	ND	0.0500	1	05/19/25	05/20/25	
Total Xylenes	ND	0.0250	1	05/19/25	05/20/25	
Surrogate: 4-Bromochlorobenzene-PID	103 %	70-130		05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: IY		Batch: 2521004	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/19/25	05/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID	104 %	70-130		05/19/25	05/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2521026	
Diesel Range Organics (C10-C28)	63.9	25.0	1	05/19/25	05/19/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/19/25	05/19/25	
Surrogate: n-Nonane	101 %	61-141		05/19/25	05/19/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: RAS		Batch: 2521008	
Chloride	416	20.0	1	05/19/25	05/19/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/23/2025 7:30:59AM

Volatile Organics by EPA 8021B

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 (2521004-BLK1)

Prepared: 05/19/25 Analyzed: 05/19/25

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.3	70-130			

LCS (2521004-BS1)

Prepared: 05/19/25 Analyzed: 05/19/25

Benzene	4.05	0.0250	5.00		81.0	70-130			
Ethylbenzene	4.13	0.0250	5.00		82.5	70-130			
Toluene	4.09	0.0250	5.00		81.8	70-130			
o-Xylene	4.11	0.0250	5.00		82.3	70-130			
p,m-Xylene	8.39	0.0500	10.0		83.9	70-130			
Total Xylenes	12.5	0.0250	15.0		83.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.76		8.00		97.1	70-130			

Matrix Spike (2521004-MS1)

Source: E505194-02

Prepared: 05/19/25 Analyzed: 05/20/25

Benzene	4.29	0.0250	5.00	ND	85.7	70-130			
Ethylbenzene	4.36	0.0250	5.00	ND	87.1	70-130			
Toluene	4.33	0.0250	5.00	ND	86.6	70-130			
o-Xylene	4.33	0.0250	5.00	ND	86.7	70-130			
p,m-Xylene	8.85	0.0500	10.0	ND	88.5	70-130			
Total Xylenes	13.2	0.0250	15.0	ND	87.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.87		8.00		98.3	70-130			

Matrix Spike Dup (2521004-MSD1)

Source: E505194-02

Prepared: 05/19/25 Analyzed: 05/20/25

Benzene	4.41	0.0250	5.00	ND	88.2	70-130	2.93	27	
Ethylbenzene	4.52	0.0250	5.00	ND	90.5	70-130	3.79	26	
Toluene	4.47	0.0250	5.00	ND	89.5	70-130	3.26	20	
o-Xylene	4.51	0.0250	5.00	ND	90.2	70-130	3.95	25	
p,m-Xylene	9.19	0.0500	10.0	ND	91.9	70-130	3.78	23	
Total Xylenes	13.7	0.0250	15.0	ND	91.3	70-130	3.84	26	
Surrogate: 4-Bromochlorobenzene-PID	7.86		8.00		98.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/23/2025 7:30:59AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2521004-BLK1) Prepared: 05/19/25 Analyzed: 05/19/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.20		8.00		102	70-130			

LCS (2521004-BS2) Prepared: 05/19/25 Analyzed: 05/20/25

Gasoline Range Organics (C6-C10)	53.5	20.0	50.0		107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.52		8.00		107	70-130			

Matrix Spike (2521004-MS2) Source: E505194-02 Prepared: 05/19/25 Analyzed: 05/20/25

Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.67		8.00		108	70-130			

Matrix Spike Dup (2521004-MSD2) Source: E505194-02 Prepared: 05/19/25 Analyzed: 05/20/25

Gasoline Range Organics (C6-C10)	51.0	20.0	50.0	ND	102	70-130	4.44	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.45		8.00		106	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/23/2025 7:30:59AM

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 (2521026-BLK1)					Prepared: 05/19/25 Analyzed: 05/19/25				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.8		50.0		104	61-141			

LCS (2521026-BS1)					Prepared: 05/19/25 Analyzed: 05/19/25				
Diesel Range Organics (C10-C28)	260	25.0	250		104	66-144			
Surrogate: n-Nonane	47.8		50.0		95.6	61-141			

Matrix Spike (2521026-MS1)					Source: E505185-02		Prepared: 05/19/25 Analyzed: 05/19/25		
Diesel Range Organics (C10-C28)	809	25.0	250	582	91.0	56-156			
Surrogate: n-Nonane	52.8		50.0		106	61-141			

Matrix Spike Dup (2521026-MSD1)					Source: E505185-02		Prepared: 05/19/25 Analyzed: 05/19/25		
Diesel Range Organics (C10-C28)	903	25.0	250	582	129	56-156	11.0	20	
Surrogate: n-Nonane	55.2		50.0		110	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	5/23/2025 7:30:59AM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2521008-BLK1)					Prepared: 05/19/25 Analyzed: 05/19/25				
Chloride	ND	20.0							
LCS (2521008-BS1)					Prepared: 05/19/25 Analyzed: 05/19/25				
Chloride	255	20.0	250		102	90-110			
Matrix Spike (2521008-MS1)					Source: E505179-01		Prepared: 05/19/25 Analyzed: 05/19/25		
Chloride	1810	20.0	250	1580	92.0	80-120			
Matrix Spike Dup (2521008-MSD1)					Source: E505179-01		Prepared: 05/19/25 Analyzed: 05/19/25		
Chloride	1830	20.0	250	1580	100	80-120	1.12	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 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	05/23/25 07:30

- 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 6CTB 3				Address: 5315 Buena Vista Dr		505192	2058-007					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	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	SDWA	CWA	RCRA	
922	5/15/2025	S	1	BF01		1													
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: Rythum Rai																			
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: 5/19/2025 10:07:13AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	05/19/25 07:30	Work Order ID:	E505192
Phone:	(505) 382-1211	Date Logged In:	05/16/25 15:53	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	05/23/25 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

Visible white out present on COC.

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

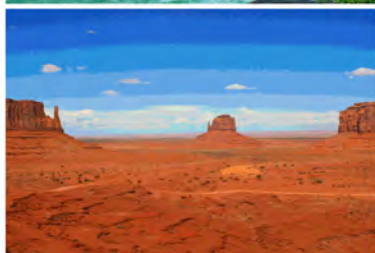
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:
Ashley Giovengo



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Boundary Raider 6 CTB 3

Work Order: E506280

Job Number: 01058-0007

Received: 6/28/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
7/7/25

5796 U.S. Hwy 64
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 7/7/25



Ashley Giovengo
6488 7 Rivers Hwy
Artesia, NM 88210

Project Name: Boundary Raider 6 CTB 3
Workorder: E506280
Date Received: 6/28/2025 9:30:58AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2025 9:30:58AM, under the Project Name: Boundary Raider 6 CTB 3.

The analytical test results summarized in this report with the Project Name: Boundary Raider 6 CTB 3 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 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/07/25 11:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS12-0'	E506280-01A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
SS12A-0'	E506280-02A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
SS13-0'	E506280-03A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.
SS14-0'	E506280-04A	Soil	06/26/25	06/28/25	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Boundary Raider 6 CTB 3 Project Number: 01058-0007 Project Manager: Ashley Giovengo	Reported: 7/7/2025 11:50:03AM
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SS12-0'

E506280-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2526172	
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.6 %	70-130	06/28/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2526172	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		102 %	70-130	06/28/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2527041	
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>		105 %	61-141	06/30/25	07/02/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: IY		Batch: 2527080	
Chloride	821	20.0	1	07/02/25	07/03/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/7/2025 11:50:03AM

SS12A-0'

E506280-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526172
Benzene	ND	0.0250	1	06/28/25	07/01/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/01/25	
Toluene	ND	0.0250	1	06/28/25	07/01/25	
o-Xylene	ND	0.0250	1	06/28/25	07/01/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/01/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/01/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.3 %	70-130		06/28/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526172
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/01/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	99.1 %	70-130		06/28/25	07/01/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2527041
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>						
	109 %	61-141		06/30/25	07/02/25	
Anions by EPA 300.0/9056A						
	mg/kg	mg/kg		Analyst: IY		Batch: 2527080
Chloride	385	20.0	1	07/02/25	07/03/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/7/2025 11:50:03AM

SS13-0'

E506280-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526172
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		06/28/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: SL		Batch: 2526172
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	101 %	70-130		06/28/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: NV		Batch: 2527041
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: IY		Batch: 2527080
Chloride	7600	100	5	07/02/25	07/03/25	



Sample Data

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

Project Name: Boundary Raider 6 CTB 3
Project Number: 01058-0007
Project Manager: Ashley Giovengo

Reported:
7/7/2025 11:50:03AM

SS14-0'

E506280-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		Batch: 2526172	
Benzene	ND	0.0250	1	06/28/25	07/02/25	
Ethylbenzene	ND	0.0250	1	06/28/25	07/02/25	
Toluene	ND	0.0250	1	06/28/25	07/02/25	
o-Xylene	ND	0.0250	1	06/28/25	07/02/25	
p,m-Xylene	ND	0.0500	1	06/28/25	07/02/25	
Total Xylenes	ND	0.0250	1	06/28/25	07/02/25	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	95.9 %	70-130		06/28/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL		Batch: 2526172	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/28/25	07/02/25	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	102 %	70-130		06/28/25	07/02/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2527041	
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: IY		Batch: 2527080	
Chloride	42.8	20.0	1	07/02/25	07/03/25	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/7/2025 11:50:03AM

Volatile Organics by EPA 8021B

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2526172-BLK1)

Prepared: 06/28/25 Analyzed: 07/01/25

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	8.10		8.00		101	70-130			

LCS (2526172-BS1)

Prepared: 06/28/25 Analyzed: 07/02/25

Benzene	4.64	0.0250	5.00		92.8	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130			
Toluene	4.64	0.0250	5.00		92.9	70-130			
o-Xylene	4.66	0.0250	5.00		93.1	70-130			
p,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.1	0.0250	15.0		93.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

Matrix Spike (2526172-MS1)

Source: E506280-02

Prepared: 06/28/25 Analyzed: 07/01/25

Benzene	4.46	0.0250	5.00	ND	89.2	70-130			
Ethylbenzene	4.44	0.0250	5.00	ND	88.8	70-130			
Toluene	4.45	0.0250	5.00	ND	89.1	70-130			
o-Xylene	4.42	0.0250	5.00	ND	88.3	70-130			
p,m-Xylene	9.03	0.0500	10.0	ND	90.3	70-130			
Total Xylenes	13.4	0.0250	15.0	ND	89.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			

Matrix Spike Dup (2526172-MSD1)

Source: E506280-02

Prepared: 06/28/25 Analyzed: 07/02/25

Benzene	5.16	0.0250	5.00	ND	103	70-130	14.5	27	
Ethylbenzene	5.14	0.0250	5.00	ND	103	70-130	14.5	26	
Toluene	5.15	0.0250	5.00	ND	103	70-130	14.6	20	
o-Xylene	5.11	0.0250	5.00	ND	102	70-130	14.6	25	
p,m-Xylene	10.4	0.0500	10.0	ND	104	70-130	14.5	23	
Total Xylenes	15.5	0.0250	15.0	ND	104	70-130	14.5	26	
Surrogate: 4-Bromochlorobenzene-PID	7.78		8.00		97.3	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/7/2025 11:50:03AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: SL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2526172-BLK1) Prepared: 06/28/25 Analyzed: 07/01/25

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130			

LCS (2526172-BS2) Prepared: 06/28/25 Analyzed: 07/02/25

Gasoline Range Organics (C6-C10)	52.4	20.0	50.0		105	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.50		8.00		106	70-130			

Matrix Spike (2526172-MS2) Source: E506280-02 Prepared: 06/28/25 Analyzed: 07/01/25

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.92		8.00		99.0	70-130			

Matrix Spike Dup (2526172-MSD2) Source: E506280-02 Prepared: 06/28/25 Analyzed: 07/01/25

Gasoline Range Organics (C6-C10)	50.9	20.0	50.0	ND	102	70-130	10.8	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.14		8.00		102	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/7/2025 11:50:03AM

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 (2527041-BLK1) Prepared: 06/30/25 Analyzed: 07/02/25

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.2		50.0		102	61-141			

LCS (2527041-BS1) Prepared: 06/30/25 Analyzed: 07/02/25

Diesel Range Organics (C10-C28)	286	25.0	250		114	66-144			
Surrogate: n-Nonane	53.9		50.0		108	61-141			

Matrix Spike (2527041-MS1) Source: E506269-11 Prepared: 06/30/25 Analyzed: 07/02/25

Diesel Range Organics (C10-C28)	285	25.0	250	ND	114	56-156			
Surrogate: n-Nonane	53.2		50.0		106	61-141			

Matrix Spike Dup (2527041-MSD1) Source: E506269-11 Prepared: 06/30/25 Analyzed: 07/02/25

Diesel Range Organics (C10-C28)	274	25.0	250	ND	110	56-156	4.03	20	
Surrogate: n-Nonane	51.0		50.0		102	61-141			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Boundary Raider 6 CTB 3	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/7/2025 11:50:03AM

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 (2527080-BLK1)					Prepared: 07/02/25 Analyzed: 07/03/25				
Chloride	ND	20.0							
LCS (2527080-BS1)					Prepared: 07/02/25 Analyzed: 07/03/25				
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2527080-MS1)					Source: E506280-03		Prepared: 07/02/25 Analyzed: 07/03/25		
Chloride	7620	100	250	7600	8.54	80-120			M4
Matrix Spike Dup (2527080-MSD1)					Source: E506280-03		Prepared: 07/02/25 Analyzed: 07/03/25		
Chloride	6400	100	250	7600	NR	80-120	17.5	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 CTB 3	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/07/25 11:50

- 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.



[illegible]

Envirotech Analytical Laboratory

Printed: 6/30/2025 9:17:58AM

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:	06/28/25 09:30	Work Order ID:	E506280
Phone:	(505) 382-1211	Date Logged In:	06/27/25 14:50	Logged In By:	Caitlin Mars
Email:	agiovento@ensolum.com	Due Date:	07/07/25 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per 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: [Wells, Shelly, EMNRD](#)
To: [Ashley Giovengo](#); [Raley, Jim](#)
Cc: [Cole Burton](#); [Bilkis Moir](#); [Bratcher, Michael, EMNRD](#)
Subject: RE: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Boundary Raider 6 CTB 3 - Incident Number nAPP2502728409
Date: Thursday, April 24, 2025 10:35:29 AM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

[**EXTERNAL EMAIL**]

Good morning Ashley,

The extension request for NAPP2502728409 BOUNDARY RAIDER 6 CTB 3 is approved. The new due date to submit your updated remediation plan or closure report to the OCD is July 24, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Ashley Giovengo <agiovengo@ensolum.com>
Sent: Thursday, April 24, 2025 9:19 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Raley, Jim <jim.ralej@dvn.com>
Cc: Cole Burton <cburton@ensolum.com>; Bilkis Moir <bmoir@ensolum.com>
Subject: [EXTERNAL] Extension Request - Devon Energy Production Company, LP - Boundary Raider 6 CTB 3 - Incident Number nAPP2502728409

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

All,

Devon Energy Production Company, LP (Devon) is requesting an extension for the current

deadline of April 25, 2025, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Boundary Raider 6 CTB 3 (Site) (Incident Number nAPP2502728409). The release occurred on January 25, 2025, and impacted an area on-pad approximately 4, 436 square feet in size. Lateral and vertical delineation soil sampling in accordance with the strictest Closure Criteria per NMOCD Table I criteria has been completed at the Site. Ensolum personnel oversaw the excavation of waste-containing soil from the impacted area and completed confirmation soil sampling activities. A temporary soil boring (BH01) will be advanced on April 24, 2025, to establish depth to water (DTW) within a half mile radius of the Site. Devon will complete the soil boring to a depth of 105 feet below ground surface (bgs) at the Boundary Raider 6 CTB 3 (Site). Devon intends to submit a remediation work plan or closure report upon receiving final laboratory analytical data from confirmation sampling activities. Devon respectfully requests a 90-day extension until July 24, 2025. Please let me know if you have any further questions regarding this site.

Thanks,



Ashley Giovengo

Senior Scientist

575-988-0055

Ensolum, LLC

in f X

“Your authenticity is your superpower.” – Unknown

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 447397

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 447397
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502728409
Incident Name	NAPP2502728409 BOUNDARY RAIDER 6 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129928099] BOUNDARY RAIDER 6 CTB 3

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 CTB 3
Date Release Discovered	01/25/2025
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	4,865
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/09/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Isreal Estrella @ 575-291-9537
Please provide any information necessary for navigation to sampling site	32.338689, -103.711873

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 447397

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 447397
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/31/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 447400

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 447400
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502728409
Incident Name	NAPP2502728409 BOUNDARY RAIDER 6 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129928099] BOUNDARY RAIDER 6 CTB 3

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 CTB 3
Date Release Discovered	01/25/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	4,865
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/10/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Isreal Estrella @ 575-291-9537
Please provide any information necessary for navigation to sampling site	32.338689, -103.711873

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 447400

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 447400
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/31/2025

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Phone: (505) 476-3441

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

QUESTIONS

Action 447402

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 447402
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502728409
Incident Name	NAPP2502728409 BOUNDARY RAIDER 6 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129928099] BOUNDARY RAIDER 6 CTB 3

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 CTB 3
Date Release Discovered	01/25/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	4,865
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/11/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Isreal Estrella @ 575-291-9537
Please provide any information necessary for navigation to sampling site	32.338689, -103.711873

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CONDITIONS

Action 447402

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 447402
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/31/2025

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QUESTIONS

Action 450978

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 450978
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502728409
Incident Name	NAPP2502728409 BOUNDARY RAIDER 6 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129928099] BOUNDARY RAIDER 6 CTB 3

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 CTB 3
Date Release Discovered	01/25/2025
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	4,865
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/14/2025
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Isreal Estrella @ 575-291-9537
Please provide any information necessary for navigation to sampling site	32.338689, -103.711873

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CONDITIONS

Action 450978

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 450978
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/10/2025

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QUESTIONS

Action 450981

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 450981
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502728409
Incident Name	NAPP2502728409 BOUNDARY RAIDER 6 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129928099] BOUNDARY RAIDER 6 CTB 3

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 CTB 3
Date Release Discovered	01/25/2025
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	4,865
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/15/2025
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Isreal Estrella @ 575-291-9537
Please provide any information necessary for navigation to sampling site	32.338689, -103.711873

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CONDITIONS

Action 450981

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 450981
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/10/2025

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QUESTIONS

Action 450983

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 450983
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502728409
Incident Name	NAPP2502728409 BOUNDARY RAIDER 6 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129928099] BOUNDARY RAIDER 6 CTB 3

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 CTB 3
Date Release Discovered	01/25/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	4,865
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/16/2025
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Israel Estrella 575-291-9537
Please provide any information necessary for navigation to sampling site	32.338689, -103.711873

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CONDITIONS

Action 450983

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 450983
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	4/10/2025

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QUESTIONS

Action 457580

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 457580
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502728409
Incident Name	NAPP2502728409 BOUNDARY RAIDER 6 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129928099] BOUNDARY RAIDER 6 CTB 3

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 CTB 3
Date Release Discovered	01/25/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	1
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/06/2025
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Please Contact Oluwale Aderinto 505-617-1363
Please provide any information necessary for navigation to sampling site	32.338689, -103.711873

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CONDITIONS

Action 457580

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 457580
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

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

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QUESTIONS

Action 459430

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459430
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502728409
Incident Name	NAPP2502728409 BOUNDARY RAIDER 6 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129928099] BOUNDARY RAIDER 6 CTB 3

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 CTB 3
Date Release Discovered	01/25/2025
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,200
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/14/2025
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Israel Estrella @ 575-291-9537
Please provide any information necessary for navigation to sampling site	32.338689, -103.711873

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Oil Conservation Division
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CONDITIONS

Action 459430

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459430
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/6/2025

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QUESTIONS

Action 459432

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459432
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502728409
Incident Name	NAPP2502728409 BOUNDARY RAIDER 6 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2129928099] BOUNDARY RAIDER 6 CTB 3

Location of Release Source	
Site Name	BOUNDARY RAIDER 6 CTB 3
Date Release Discovered	01/25/2025
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	1,200
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/15/2025
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Please contact Israel Estrella @ 575-291-9537
Please provide any information necessary for navigation to sampling site	32.338689, -103.711873

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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 459432

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 459432
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jralej	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/6/2025

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State of New Mexico
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Oil Conservation Division
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QUESTIONS

Action 489288

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 489288
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2502728409
Incident Name	NAPP2502728409 BOUNDARY RAIDER 6 CTB 3 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2129928099] BOUNDARY RAIDER 6 CTB 3

Location of Release Source

Please answer all the questions in this group.

Site Name	BOUNDARY RAIDER 6 CTB 3
Date Release Discovered	01/25/2025
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	Cause: Equipment Failure Separator Crude Oil Released: 8 BBL Recovered: 7 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Separator Produced Water Released: 31 BBL Recovered: 8 BBL Lost: 23 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)	Failure of sight glass on separator allowed approx 39 bbls of fluid to be released to pad surface. Approx. 15 bbls recovered. -- Major notification made via email.

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QUESTIONS, Page 2

Action 489288

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 489288
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvni.com Date: 07/29/2025
--	---

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QUESTIONS, Page 3

Action 489288

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 489288
	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)	8020
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	46340
GRO+DRO (EPA SW-846 Method 8015M)	36360
BTEX (EPA SW-846 Method 8021B or 8260B)	387
Benzene (EPA SW-846 Method 8021B or 8260B)	37
<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	04/10/2025
On what date will (or did) the final sampling or liner inspection occur	05/15/2025
On what date will (or was) the remediation complete(d)	05/15/2025
What is the estimated surface area (in square feet) that will be reclaimed	3762
What is the estimated volume (in cubic yards) that will be reclaimed	875
What is the estimated surface area (in square feet) that will be remediated	1200
What is the estimated volume (in cubic yards) that will be remediated	45
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 489288

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 489288
	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	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 07/29/2025
<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>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 489288

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 489288
	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 489288

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 489288
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	459432
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/15/2025
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	1200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1200
What was the total volume (cubic yards) remediated	45
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	3762
What was the total volume (in cubic yards) reclaimed	875
Summarize any additional remediation activities not included by answers (above)	Remediation Complete

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

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

I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dmv.com Date: 07/29/2025
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QUESTIONS, Page 7

Action 489288

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 489288
	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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CONDITIONS

Action 489288

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 489288
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	8/18/2025