

October 15, 2024

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

Rebel 20 Federal 6Y Incident Number nAPP2406964143

Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities at the Rebel 20 Federal 6Y (Site). The Site is located in Unit C, Section 20, Township 24 South, Range 32 East, in Lea County, New Mexico (32.2095183°, -103.6989181°) and is associated with oil and gas exploration and production operations on land managed by the Bureau of Land Management (BLM).

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 crude oil. Based on field observations, field screening activities, and soil sampling laboratory analytical results, Devon is submitting this *Closure Request*, describing Site assessment, excavation, and delineation activities that have occurred and requesting no further action for Incident Number nAPP2406964143.

#### **BACKGROUND**

On March 09, 2024, a leak on an underground steel flowline developed, which resulted in the release of approximately 37 barrels (bbls) of crude oil onto the caliche well pad; 20 bbls of crude oil were recovered. The release originated near the wellhead, flowed across the eastern portion of the caliche pad to the access road, and eventually off-pad. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via web portal on March 25, 2024. The release was subsequently assigned Incident Number nAPP2406964143.

#### 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 the initial C-141 application subsection, Site Characterization. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is a New Mexico Office of the State Engineer (NMOSE) well, C 04845 POD1, which is 0.17 miles east of the Site. The Boring (BH01) was completed by John Scarborough Drilling, Inc. on June 26, 2024, in order to establish depth to water within a 0.5-mile radius of the Site. The well was drilled to a total depth of 105 feet below ground surface

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(bgs). The boring was allowed to equilibrate for at least 72 hours to allow for potentially slow in-filling groundwater to collect. Following the waiting period, groundwater was not encountered, and it was determined that groundwater is greater than 105 feet bgs. All wells used for depth to groundwater determination are presented in Figure 1. The referenced well log and record is included in Appendix A. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, known karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a freshwater emergent wetland, located approximately 0.92 miles northeast 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

A reclamation requirement of 600 mg/kg chloride and 100 mg/kg TPH was applied to the top 4 feet of the off-pad area that was impacted by the release, per 19.15.29.13.D (1) NMAC for the top 4 feet of areas that will be reclaimed following remediation.

### SITE ASSESSMENT AND DELINEATION SOIL SAMPLING ACTIVITIES

On March 20 and March 21, 2024, Ensolum personnel were onsite to evaluate the release extent and conduct delineation soil sampling activities. Eight preliminary assessment soil samples (SS01 through SS08) were collected from around the release extent at ground surface to verify the lateral extent. The soil samples were field screened for chloride utilizing Hach® chloride QuanTab® test strips and for TPH utilizing a PetroFLAG® Soil Analyzer System. All soil samples were field screened for chloride in the same manner previously described. Ensolum personnel returned to the Site on April 3, 2024, to advance two potholes, PH01 and PH02, via backhoe to depths of 1-foot and 3 feet bgs, respectively, and two boreholes, BH01 and BH02, via hand auger to depths of 2 feet and 3 feet bgs, respectively, within the release to assess the vertical extent of impacted soil. Soil from the potholes and the boreholes were field screened in the same manner as previously described and field screening results and observations were logged on lithologic/soil sampling logs, which are included in Appendix B. The delineation soil sample locations are depicted on Figure 2 and a photographic log is 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**

From August 07, 2024, through August 26, 2024, Ensolum personnel were onsite to oversee the excavation of the subject matter release. Standard Safety and Supply completed the excavation utilizing a backhoe, hydrovac, and hand tools. To direct excavation activities, Ensolum personnel field screened soil samples in the same manner as previously described.

Following the removal of impacted and waste-containing soil, Ensolum personnel collected 5-point composite soil samples representing at least 200 square feet from the floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples (FS01 through FS59) were collected from the floor of the excavation at depths ranging from 0.5 feet to 5 feet bgs. Ensolum personnel collected 12 confirmation sidewall soil samples (SW01 through SW12) at depths ranging from ground surface to 5 feet bgs. The area of the sidewall soil sample (SW01) that failed was excavated again on August 08, 2024, to remove contaminated soil and the sidewall sample was recollected. 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.

Ensolum personnel returned to the Site on September 12, 2024, to advance the excavation in areas represented by confirmation samples FS34@0.5' and FS47@4'. Once additional soil was removed, Ensolum collected confirmation samples FS34@1.5' and FS47@5' bgs and confirmation sidewall soil samples SW13@0-1.5' and SW14@4-5' bgs. The final excavation extent measured approximately 11,198 square feet. A total of approximately 876 cubic yards of waste-containing soil was removed during the excavation activities. Impacted and waste-containing soil was transported and properly disposed of at the Northern Delaware Basin Landfill Facility in Jal, New Mexico.

### LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples (SS01 through SS08) collected at ground surface were all in compliance with the Closure Criteria and reclamation requirement. Laboratory analytical results for potholes (PH01 through PH02) were in compliance with the strictest Closure Criteria at 1-foot and 3 feet bgs, respectively, and boreholes (BH01 and BH02) were in compliance with the strictest Closure Criteria at 2 feet and 3 feet bgs, respectively. Samples collected from the ground surface within the release extent contained TPH exceeding the Closure Criteria.

Laboratory analytical results for excavation floor soil samples (FS01 through FS59) indicated all COC concentrations were in compliance with the Site Closure Criteria at depths ranging from ground surface to 5 feet bgs with the exception of FS34@0.5' bgs and FS47@4' bgs. Those areas were extended and new confirmation samples collected to confirm removal of impacted soil. All floor samples collected off pad were in compliance with the reclamation requirement.

Laboratory analytical results for final confirmation sidewall soil samples (SW01 through SW14) collected at depths ranging from ground surface to 5 feet bgs were all in compliance with the reclamation requirement. Laboratory analytical results are summarized in Tables 1 through 3 and the complete laboratory analytical reports are included as Appendix D.

#### **CLOSURE REQUEST**

The release extent has been laterally defined by delineation soil samples (SS01 through SS08), collected at ground surface, and vertically defined by samples from potholes PH01 and PH02 collected at 1-foot and 3 feet bgs, respectively, and from boreholes BH01 and BH02 collected at 2 feet bgs and 3 feet bgs, respectively. Excavation of impacted and waste-containing soil was completed, confirmed by laboratory analytical results from final floor samples FS01 through FS59 collected at depths ranging from ground surface to 5 feet bgs, which were all in compliance with the Site Closure Criteria. All confirmation sample collected from the excavation conducted off pad were in compliance with the reclamation requirement.

Devon will backfill the excavation with non-waste containing topsoil, purchased locally, and recontour the Site to match pre-existing site conditions. The disturbed pasture area will be re-seeded with BLM seed mixture #2 for sandy sites, as stipulated in the approved Sundry.

Based on the remedial actions completed to date and a depth to groundwater greater than 105 feet bgs, Devon believes these remedial actions are protective of human health, the environment, and groundwater and as such, respectfully requests closure for Incident Number nAPP2406964143.

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

Sincerely,

**Ensolum, LLC** 

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

### Appendices:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations Figure 3 Excavation Soil Sample Locations

Table 1 Soil Sample Analytical Results (Delineation Soil Samples)
 Table 2 Soil Sample Analytical Results (Excavation Soil Samples)
 Table 3 Soil Sample Analytical Results (Sidewall Soil Samples)

Appendix A Well Log and Record

Appendix B Lithologic Soil Sampling Logs

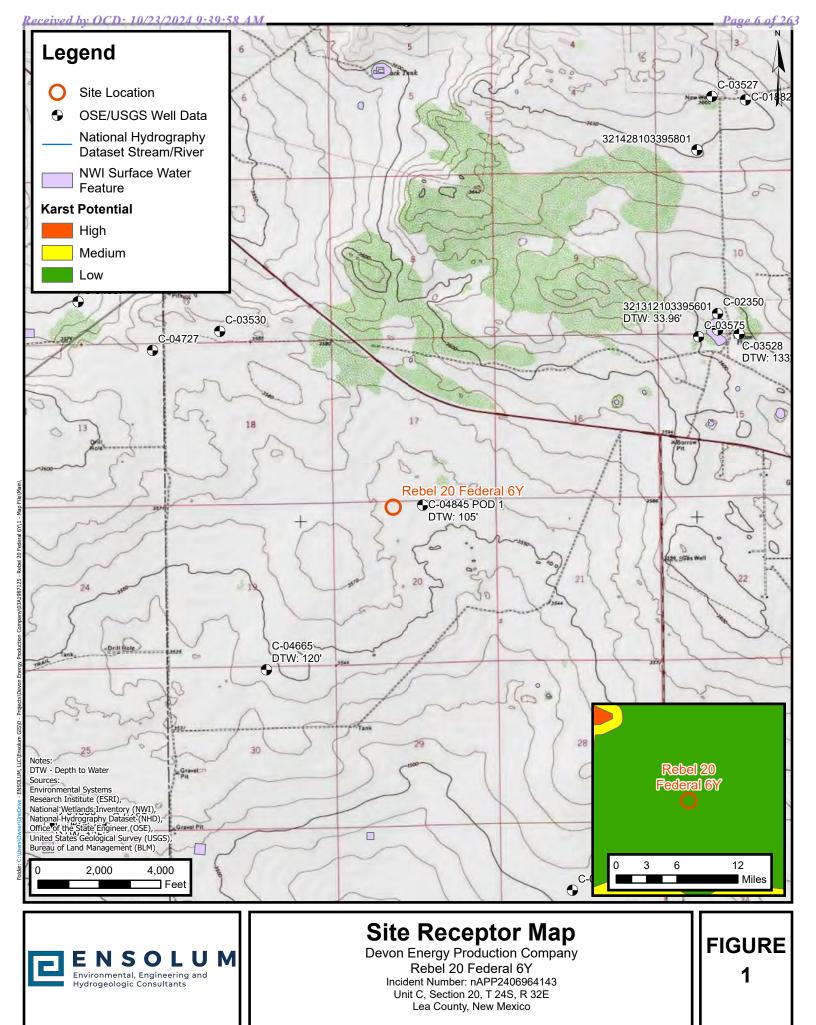
Appendix C Photographic Log

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

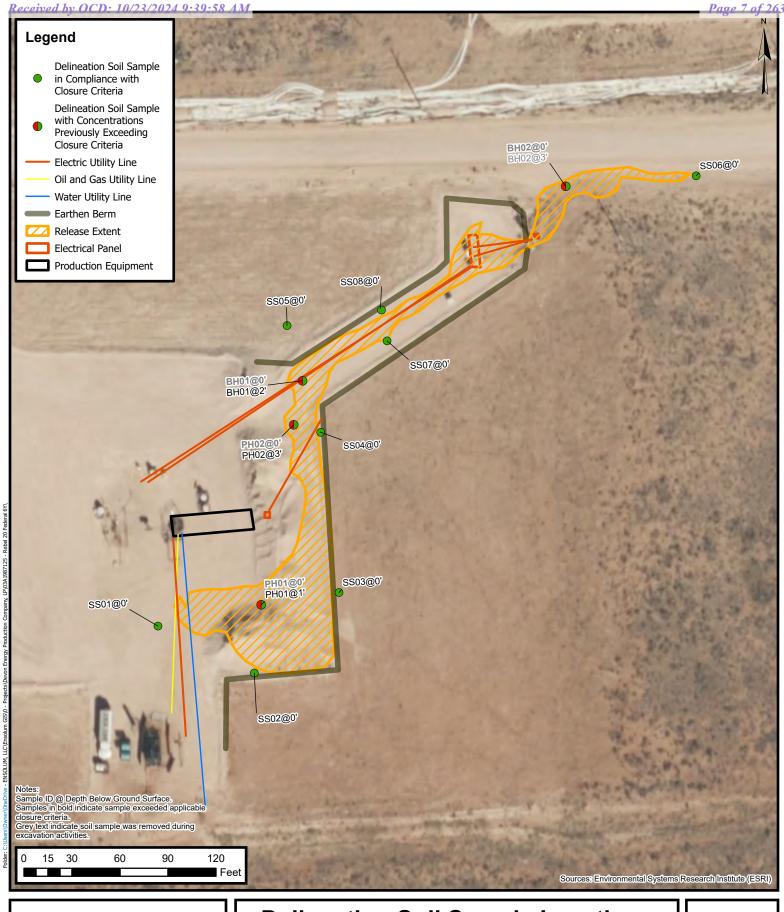
Appendix E NMOCD Correspondence



**FIGURES** 



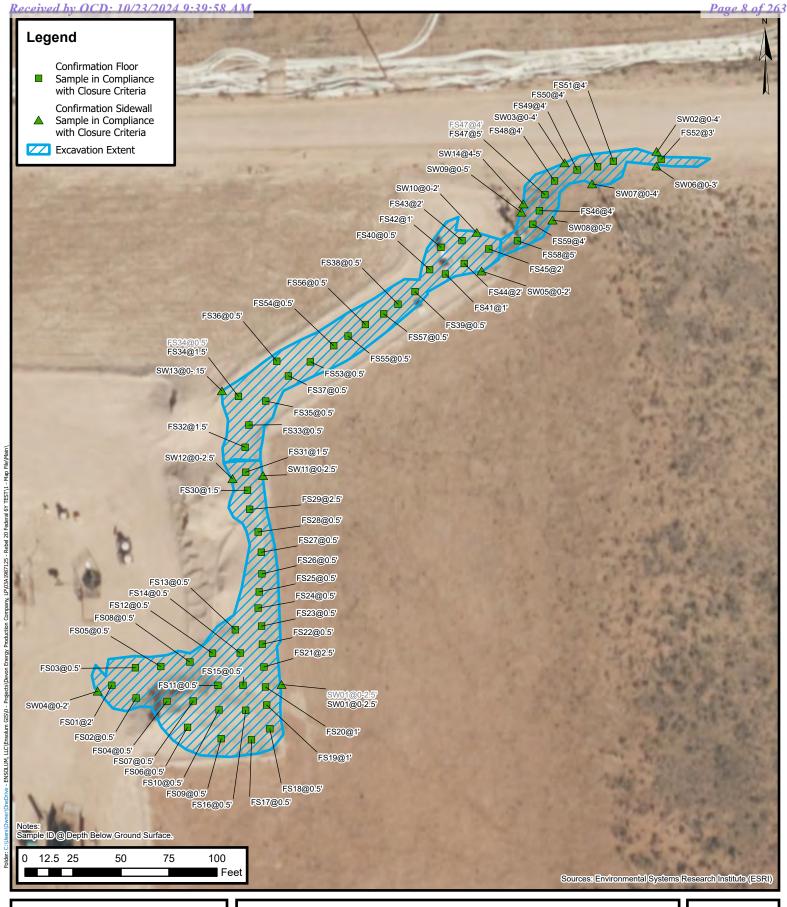
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### **Delineation Soil Sample Locations**

Devon Energy Production Company, LP Rebel 20 Federal 6Y Incident Number: nAPP2406964143 Unit C, Section 20, Township 24S, Range 32E Lea County, New Mexico FIGURE 2





### **Confirmation Soil Sample Locations**

Devon Energy Production Company, LP Rebel 20 Federal 6Y Incident Number: nAPP2406964143 C-20-24S-32E Lea County, New Mexico FIGURE 3



**TABLES** 



#### TABLE 1

### **SOIL SAMPLE ANALYTICAL RESULTS**

Rebel 20 Federal 6Y
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
				Deli	neation Soil Sam	ples				
SS01	3/20/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS02	3/20/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	84.1
SS03	3/20/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	47.4
SS04	3/21/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	38.6
SS05	3/20/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SS06	3/20/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	88.6
SS07	3/21/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	139
SS08	3/21/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	237
PH01	4/3/2024	0	0.0251	12.0431	58.5	5,290	1,560	5,348.5	6,909	10,800
PH01	4/3/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	232
PH02	4/3/2024	0	17.11	264.01	1120	20,500	4,790	21,620	26,410	6,310
PH02	4/3/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
BH01	4/3/2024	0	5.32	77.35	224	23,100	6,240	23,324	29,564	5,520
BH01	4/3/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.9
BH02	4/3/2024	0	1.813	37.663	111	8,810	2,340	8,921	11,261	1,510
BH02	4/3/2024	3	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	28.8

#### 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

GRO: Gasoline Range Organics DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

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

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



# TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS Rebel 20 Federal 6Y Devon Energy Production Company, LP Lea County, New Mexico

				Lou	County, New Me					
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
				Confi	rmation Soil Sar	nples				
FS01	8/8/2024	2	<0.0250	<0.0500	<20.0	54.5	<50.0	54.5	54.5	2,500
FS02	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,030
FS03	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	3,680
FS04	8/8/2024	0.5	<0.0250	<0.0500	<20.0	287	112	287	399	765
FS05	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,300
FS06	8/8/2024	0.5	<0.0250	<0.0500	<20.0	178	66	178	244	1,350
FS07	8/8/2024	0.5	<0.0250	<0.0500	<20.0	540	170	540	710	1,520
FS08	8/8/2024	0.5	<0.0250	<0.0500	<20.0	43.8	<50.0	43.8	43.8	1,440
FS09	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,060
FS10	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,290
FS11	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,860
FS12	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,800
FS13	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,340
FS14	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,620
FS15	8/8/2024	0.5	<0.0250	<0.0500	<20.0	428	118	428	546	2,210
FS16	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,700
FS17	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	2,540
FS18	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,360
FS19	8/9/2024	1	<0.0250	<0.0500	<20.0	69.8	<50.0	69.8	69.8	2,170
FS20	8/9/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,840
FS21	8/9/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,000
FS22	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,920
FS23	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,840
FS24	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,540
FS25	8/8/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	750
FS26	8/9/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	844
FS27	8/9/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,590
FS28	8/9/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	742
FS29	8/26/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	75.7
FS30	8/22/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	352



### TABLE 2 - CONT'D

### **SOIL SAMPLE ANALYTICAL RESULTS**

Rebel 20 Federal 6Y
Devon Energy Production Company, LP

				Lea	County, New Me	xico				
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
				Confi	rmation Soil Sar	mples				
FS29	8/26/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	75.7
FS30	8/22/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	352
FS31	8/26/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	1,300
FS32	8/26/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	49.9
FS33	8/22/2024	0.5	<0.0250	<0.0500	<20.0	319	110	319	429	102
FS34	8/22/2024	0.5	< 0.0250	1.3276	27.4	1,800	619	1,827.4	2,446.40	305
FS34	9/12/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	41.7
FS35	8/22/2024	0.5	<0.0250	<0.0500	<20.0	186	70.0	186	256	335
FS36	8/22/2024	0.5	<0.0250	0.1703	<20.0	775	249	775	1,024	141
FS37	8/22/2024	0.5	<0.0250	1.0976	<20.0	625	178	625	803	189
FS38	8/16/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	67.5
FS39	8/16/2024	0.5	<0.0250	<0.0500	<20.0	73.5	<50.0	73.5	73.5	60.9
FS40	8/16/2024	0.5	<0.0250	<0.0500	<20.0	130	<50.0	130	130	336
FS41	8/22/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS42	8/22/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS43	8/13/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS44	8/13/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	26.7
FS45	8/13/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
FS46	8/23/2024	4	<0.0250	<0.0500	<20.0	431	186	431	617	637
FS47	8/23/2024	4	< 0.0250	<0.0500	<20.0	1140	390	1,140	1,530	690
FS47	9/12/2024	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	132
FS48	8/23/2024	4	<0.0250	<0.0500	<20.0	223	93.3	223	316.3	1,070
FS49	8/23/2024	4	<0.0250	<0.0500	<20.0	88.0	<50.0	88	88	309
FS50	8/23/2024	4	<0.0250	<0.0500	<20.0	120	53.9	120	173.9	160
FS51	8/23/2024	4	<0.0250	<0.0500	<20.0	48.9	<50.0	48.9	48.9	67.6
FS52	8/13/2024	3	<0.0250	<0.0500	<20.0	28.1	<50.0	28.1	28.1	81.9
FS53	8/22/2024	0.5	<0.0250	<0.0500	<20.0	34.8	<50.0	34.8	34.8	70.3
FS54	8/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	489



### **TABLE 2 - CONT'D**

### **SOIL SAMPLE ANALYTICAL RESULTS**

Rebel 20 Federal 6Y **Devon Energy Production Company, LP** 

				Loa	County, New Me	AICO							
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			
				Conf	irmation Soil San	nples							
FS55	8/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	185			
FS56	8/22/2024	0.5	<0.0250	<0.0500	<20.0	227	66.6	227	293.6	157			
FS57	8/22/2024	0.5	<0.0250	<0.0500	<20.0	278	96.1	278	374.1	74.6			
FS58	8/26/2024	5	<0.0250	<0.0500	<20.0	43.6	<20.0	43.6	43.6	51.1			
FS59	8/23/2024	4	<0.0250	<0.0500	<20.0	735	301	735	1,036	527			

#### 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

GRO: Gasoline Range Organics

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

<sup>\*</sup> 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.

DRO: Diesel Range Organics ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes



### TABLE 3

### **SOIL SAMPLE ANALYTICAL RESULTS**

Rebel 20 Federal 6Y **Devon Energy Production Company, LP** Lea County, New Mexico

Lou County, Now 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
				Confirma	tion Sidewall Soi	l Samples				
SW01	8/9/2024	0-2.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	738
SW01	8/22/2024	0-2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	83.6
SW02	8/13/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW03	8/13/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	40.2
SW04	8/26/2024	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	296
SW05	8/22/2024	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW06	8/23/2024	0-3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	96.7
SW07	8/23/2024	0-4	<0.0250	<0.0500	<20.0	74.8	<50.0	74.8	74.8	174
SW08	8/26/2024	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	27.2
SW09	8/26/2024	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW10	8/23/2024	0-2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	<20.0
SW11	8/26/2024	0-2.5	<0.0250	<0.0500	<20.0	29.2	<50.0	29.2	29.2	68.1
SW12	8/26/2024	0-2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	34.3
SW13	9/12/2024	0-1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	23.1
SW14	9/12/2024	4-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	147

#### 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.

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics DRO: Diesel Range Organics



**APPENDIX A** 

Well Log and Record



### WELL RECORD & LOG

### OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

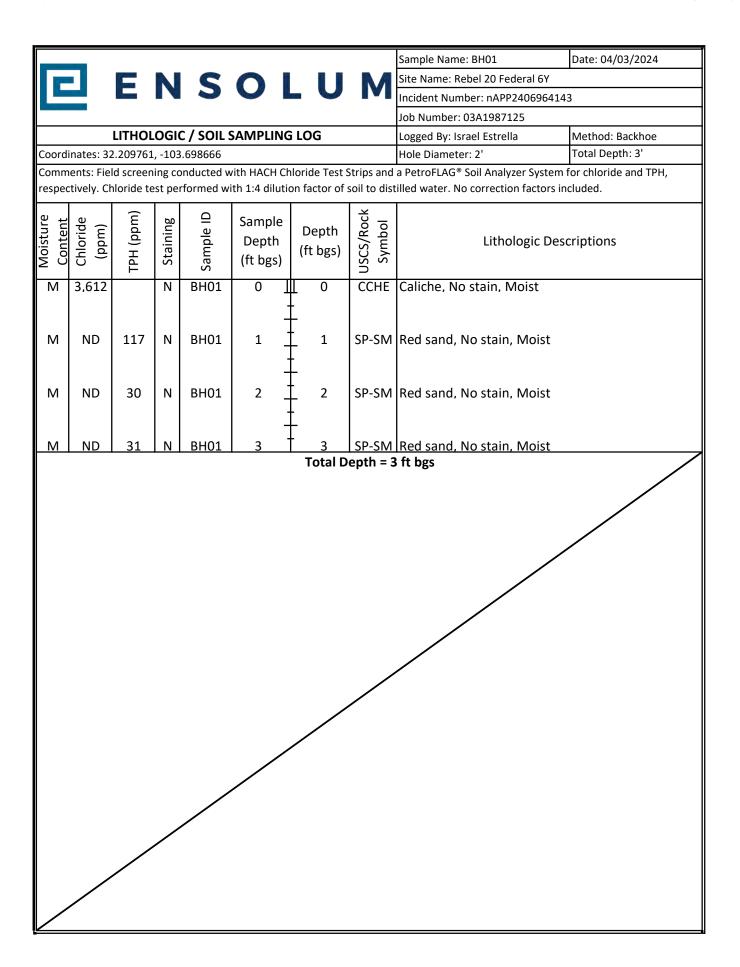
NO	OSE POD NO (WE POD 1	LL NO.)		N/	A A	).		C-04845 PC			
OCAT	WELL OWNER NA Devon Energy		ction Company					PHONE (OPTI 575-748-18			
VELLL	WELL OWNER M. 205 E. Bender							CITY Hobbs		STATE NM 882	ZIP 10
GENERAL AND WELL LOCATION	WELL LOCATION (FROM GPS)	LAT	TTUDE	32 -103	MINUTES 12 41	35.14 45.53	N W		/ REQUIRED: ONE TEN	TH OF A SECOND	
I. GENE		ELATIN	GITUDE G WELL LOCATION TO Ownship 24S, Ran	STREET ADDRESS	AND COMMO	77766	- 100	S (SECTION, TO	WNSHJIP, RANGE) WE	IERE AVAILABLE	
	LICENSE NO WD1188		NAME OF LICENSED		Scarboroug	;h			NAME OF WELL DR John Sca	ILLING COMPANY arborough Drillin	
	DRILLING STAR 06/26/202		DRILLING ENDED 06/26/2024	DEPTH OF COMPL	ETED WELL (1 105	FT) BO		LE DEPTH (FT) 105	DEPTH WATER FIR	N/A	
z	COMPLETED WE	ELL IS:	ARTESIAN	DRY HOLE	SHALLO	OW (UNCONFI	NED)		STATIC WATER LEV	/EL IN COMPLETE N/A	D WELL (FT)
IATIO	DRILLING FLUIT		✓ AIR	MUD		VES - SPECIFY		n eneciev.			
ORN	DRILLING METH	IOD:	ROTARY	HAMMER	CABLE		OTHE	R - SPECIFY:			
2. DRILLING & CASING INFORMATION	DEPTH (fee	t bgl) TO	DIAM (inches)	(include each	TERIAL AN RADE n casing string ions of screen	g, and	CONN	ASING NECTION YPE ling diameter)	CASING INSIDE DIAM. (inches)	CASING WA THICKNES (inches)	
NG & CA	0	105	5	So	il Boring	_ 1 /			•	-	
2. DRILLI											
	DEPTH (fee	t bgl)	BORE HOLE		ANNULAR S				AMOUNT (cubic feet)		THOD OF CEMENT
VTERIAL	FROM	то	DIAM. (inches)	GRAVEI		N/A	1 11111	IX YAC	(cubic feet)		
ANNULAR MATERIAL											
3. 1											
FOR	OSE INTERNA	L USE							0 WELL RECORD	& LOG (Version	04/30/19)
	E NO.				POD N	0		TRN	NO.		

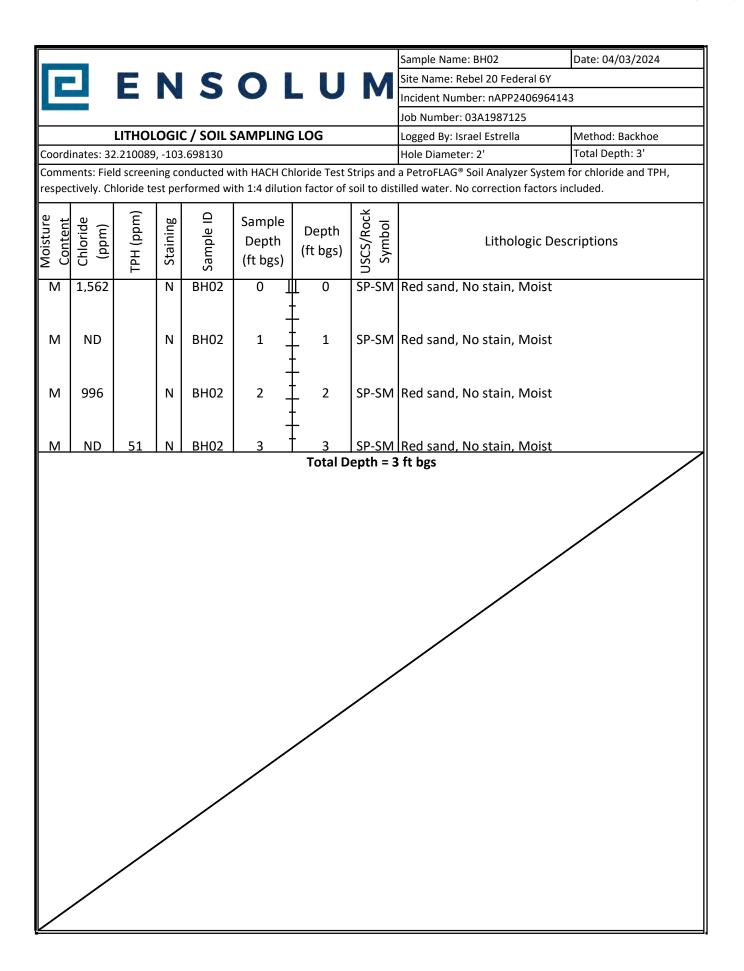
	DEPTH (f	cet bgl)	THICKNESS (feet)	INCLUDE WATE	D TYPE OF MATERIAL E	R FRAC	TURE ZONES	BEA	ATER ARING? S/NO)	ESTIMATED YIELD FOR WATER- BEARING
	TROM		355.5	(attach sup	plemental sheets to fully d	escribe	all units)	(1.5		ZONES (gpm)
	0	10	10	Sand, N	Medium to light brown, Med	ium to c	parse	Y	√ N	
	10	20	10	Sandy	caliche, White to pink, Med	lium to	fine	Y	√ N	
	20	30	10	Sand with gravel	, Brown to red, Medium to c	oarse wi	th some gravel	Y	√ N	
Ì	30	40	10	Sand with clay, Mo	edium to light brown, Mediu	m to fin	e some very fine	Y	√ N	
	40	50	10	Sand with clay	, Red to light brown, Mediur	n to fine	some gravel	Y	√ N	
٦	50	60	10	Sand with clay, R	ed to light brown, Medium	o very f	ne trace gravel	Y	√ N	
4. HYDROGEOLOGIC LOG OF WELL	60	70	10	Sand with cla	y, Medium to light brown, N	1edium t	o very fine	Y	✓N	
OF	70	80	10	Sand with clay, M	ledium brown to red, Mediu	m to fine	trace very fine	Y	√ N	
90	80	90	10	Sand with clay, M	ledium brown to red, Mediu	n to fine	trace very fine	Y	✓ N	
ICT	90	100	10	Clay with	sand, Red to medium brown,	fine to v	ery fine	Y	√ N	
00	100	105	5	Sand with clay, R	ed to medium brown, Mediu	m to fine	trace very fine	Y	✓ N	
EOI	105	105	0	Sand with clay, R	ed to medium brown, Mediu	m to fine	trace very fine	Y	√ N	
300	78.7							Y	N	
ΙΔĐΙ								Y	N	
4. F								Y	N	
								Y	N	
								Y	N	
								Y	N	
				1				Y	N	
								Y	N	
								Y	N	
	метнор и	100		OF WATER-BEARIN	G STRATA: THER – SPECIFY:			TOTAL ESTI WELL YIEL		0.00
	WELL TES	TEC	T DECLUTE ATT	ACH A COPY OF DAT	TA COLLECTED DURING HOWING DISCHARGE AN	WELL T	ESTING, INCL	UDING DISC	CHARGE N	METHOD,
RVISION		- 1	NFORMATION: Te	emporary well materi	al removed and soil boring	g backfi	lled using dril	cuttings fro	m total de	
TEST; RIG SUPERVIS			De	low ground surface (	ogs), then nyarated believe		,	<b>6</b>		
TEST;	PRINT NAM	ME(S) OF	DRILL RIG SUPER	RVISOR(S) THAT PRO	VIDED ONSITE SUPERVI	SION O	F WELL CONS	TRUCTION (	THER TH	AN LICENSEE:
v.					a Lay Wyour en an in	D DEL "	or THE PART	CODIC 12 :	TDID	ND CORPOR
SIGNATURE		F THE AE ORD WIL		WITH THE PERMIT I	F MY KNOWLEDGE AN IFY THAT THE WELL TA HOLDER WITHIN 30 DAYS					
ė		_	1011	R / PRINT SIGNEE	NAME				DATE	
FO	R OSE INTER	NAL USE						L RECORD &	LOG (Ve	rsion 04/30/2019)
_	E NO				POD NO	- 1	TRN NO			
LO	CATION					WELL	TAG ID NO			PAGE 2 OF 2

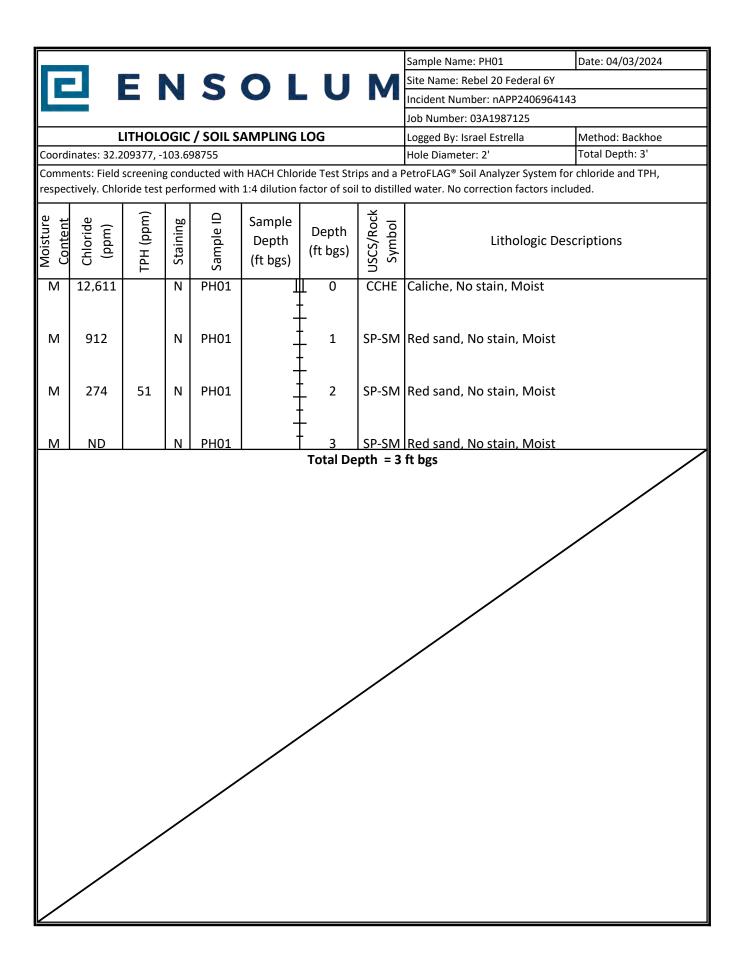


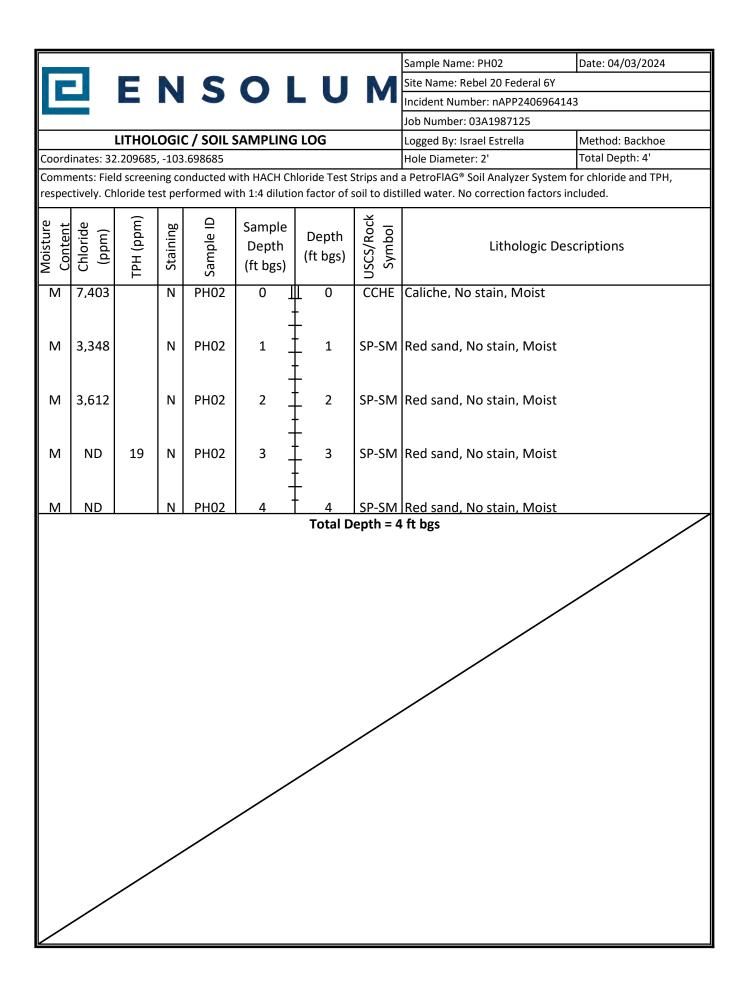
**APPENDIX B** 

Lithologic Soil Sampling Logs









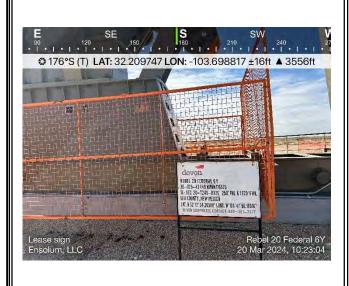


**APPENDIX C** 

Photographic Log



Devon Energy Production Company, LP Rebel 20 Fedral 6Y nAPP2406964143





Photograph 1 Date: 03/20/2024 Photograph 2 Date: 03/20/2024

Description: Site Signage

View: South

Description: Point of Release (POR)

View: Southeast





Photograph 3 Date: 03/20/2024 Photograph 4 Date: 03/20/2024

Description: Release Extent Description: Release Extent

View: East View: South



Devon Energy Production Company, LP Rebel 20 Fedral 6Y nAPP2406964143





Photograph 5 Date: 03/20/2024

Description: Release Extent

View: Northwest

Photograph 6 Date: 03/20/2024

**Description: Lateral Delineation Sampling** 

View: North





Photograph 7 Date: 03/21/2024

**Description: Lateral Delineation Sampling** 

View: Northwest

Photograph 8 Date: 03/21/2024

**Description: Lateral Delineation Sampling** 

View: East



Devon Energy Production Company, LP Rebel 20 Fedral 6Y nAPP2406964143





Photograph 9 Date: 04/03/2024

**Description: Vertical Delineation Sampling** 

View: Southwest

Photograph 10 Date: 04/03/2024

**Description: Vertical Delineation Sampling** 

View: Southwest





Photograph 11 Date: 06/26/2024

Description: Depth to Water (DTW) Boring

View: South

Photograph 12 Date: 06/26/2024

Description: Depth to Water (DTW) Boring

View: South

# **ENSOLUM**

### Photographic Log

Devon Energy Production Company, LP Rebel 20 Fedral 6Y nAPP2406964143





Photograph 13 Date: 08/07/2024

**Description: Excavation Activities** 

View: Southwest

Photograph 14 Date: 08/07/2024

**Description: Excavation Activities** 

View: Northwest





Photograph 15 Date: 08/08/2024

Description: Excavation Activities

View: Northwest

Photograph 16 Date: 08/08/2024

**Description: Excavation Activities** 

View: South

# **ENSOLUM**

### Photographic Log

Devon Energy Production Company, LP Rebel 20 Fedral 6Y nAPP2406964143





Photograph 17 Date: 08/09/2024

**Description: Excavation Activities** 

View: East

Photograph 18 Date: 08/09/2024

**Description: Excavation Activities** 

View: Northeast





Photograph 19 Date: 08/12/2024

Description: Excavation Activities

View: Southwest

Photograph 20 Date: 08/12/2024

Description: Excavation Activities

View: Southwest



Devon Energy Production Company, LP Rebel 20 Fedral 6Y nAPP2406964143





Photograph 21 Date: 08/13/2024

**Description: Excavation Activities** 

View: West

Photograph 22 Date: 08/22/2024

**Description: Excavation Activities** 

View: Southeast





Photograph 23 Date: 08/23/2024 Photograph 24

Description: Excavation Activities

View: Northwest

Photograph 24 Date: 08/26/2024

**Description: Excavation Activities** 

View: Southwest



Devon Energy Production Company, LP Rebel 20 Fedral 6Y nAPP2406964143





Photograph 25 Date: 09/12/2024

**Description: Excavation Activities** 

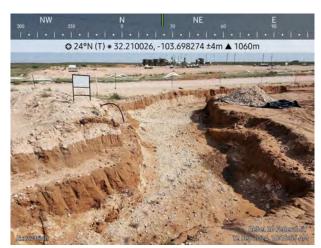
View: Northeast

Photograph 26 Date: 09/12/2024

**Description: Excavation Activities** 

View: Northeast





Photograph 27 Date: 09/12/2024

Description: Excavation Activities

View: Northeast

Photograph 28 Date: 09/12/2024

**Description: Excavation Activities** 

View: Northeast



### APPENDIX D

Laboratory Analytical Reports & Chain-of-Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

Devon Energy - Carlsbad

Project Name: Rebel 20 Federal 6Y

Work Order: E403210

Job Number: 01058-0007

Received: 3/22/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 3/27/24

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

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

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

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

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

Date Reported: 3/27/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Rebel 20 Federal 6Y

Workorder: E403210

Date Received: 3/22/2024 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/22/2024 7:00:00AM, under the Project Name: Rebel 20 Federal 6Y.

The analytical test results summarized in this report with the Project Name: Rebel 20 Federal 6Y apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

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Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

Cen: 303 717 0222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### **Sample Summary**

	Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Keporteu:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/27/24 14:10

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS01-0'	E403210-01A Soil	03/20/24	03/22/24	Glass Jar, 2 oz.
SS02-0'	E403210-02A Soil	03/20/24	03/22/24	Glass Jar, 2 oz.
SS03-0'	E403210-03A Soil	03/20/24	03/22/24	Glass Jar, 2 oz.
SS05-0'	E403210-04A Soil	03/20/24	03/22/24	Glass Jar, 2 oz.
SS06-0'	F403210-05A Soil	03/20/24	03/22/24	Glass Jar. 2 oz.



### **Sample Data**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2024 2:10:19PM

### SS01-0' E403210-01

	D 1.	Reporting				N.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: EG		Batch: 2412103
Benzene	ND	0.0250	1	03/22/24	03/22/24	
Ethylbenzene	ND	0.0250	1	03/22/24	03/22/24	
Toluene	ND	0.0250	1	03/22/24	03/22/24	
o-Xylene	ND	0.0250	1	03/22/24	03/22/24	
p,m-Xylene	ND	0.0500	1	03/22/24	03/22/24	
Total Xylenes	ND	0.0250	1	03/22/24	03/22/24	
Surrogate: 4-Bromochlorobenzene-PID		92.9 %	70-130	03/22/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: EG		Batch: 2412103
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/22/24	03/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.3 %	70-130	03/22/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2413011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/25/24	03/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/25/24	03/26/24	
Surrogate: n-Nonane		77.8 %	50-200	03/25/24	03/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2412105
Chloride	ND	20.0	1	03/22/24	03/23/24	

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2024 2:10:19PM

#### SS02-0'

E40321	

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	alyst: EG		Batch: 2412103
Benzene	ND	0.0250	1	03/22/24	03/22/24	
Ethylbenzene	ND	0.0250	1	03/22/24	03/22/24	
Toluene	ND	0.0250	1	03/22/24	03/22/24	
o-Xylene	ND	0.0250	1	03/22/24	03/22/24	
p,m-Xylene	ND	0.0500	1	03/22/24	03/22/24	
Total Xylenes	ND	0.0250	1	03/22/24	03/22/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	03/22/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: EG		Batch: 2412103
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/22/24	03/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	03/22/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KM		Batch: 2413011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/25/24	03/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/25/24	03/26/24	
Surrogate: n-Nonane		77.1 %	50-200	03/25/24	03/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2412105
Chloride	84.1	20.0	1	03/22/24	03/23/24	



Chloride

# **Sample Data**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2024 2:10:19PM

#### SS03-0'

		E403210-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: EG		Batch: 2412103
Benzene	ND	0.0250	1	03/22/24	03/22/24	
Ethylbenzene	ND	0.0250	1	03/22/24	03/22/24	
Toluene	ND	0.0250	1	03/22/24	03/22/24	
o-Xylene	ND	0.0250	1	03/22/24	03/22/24	
p,m-Xylene	ND	0.0500	1	03/22/24	03/22/24	
Total Xylenes	ND	0.0250	1	03/22/24	03/22/24	
Surrogate: 4-Bromochlorobenzene-PID		93.1 %	70-130	03/22/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: EG		Batch: 2412103
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/22/24	03/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.2 %	70-130	03/22/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2413011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/25/24	03/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/25/24	03/26/24	
Surrogate: n-Nonane		73.2 %	50-200	03/25/24	03/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2412105

20.0

03/22/24

03/23/24

47.4



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2024 2:10:19PM

#### SS05-0'

#### E403210-04

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2412103
Benzene	ND	0.0250	1	03/22/24	03/22/24	
Ethylbenzene	ND	0.0250	1	03/22/24	03/22/24	
Toluene	ND	0.0250	1	03/22/24	03/22/24	
o-Xylene	ND	0.0250	1	03/22/24	03/22/24	
p,m-Xylene	ND	0.0500	1	03/22/24	03/22/24	
Total Xylenes	ND	0.0250	1	03/22/24	03/22/24	
Surrogate: 4-Bromochlorobenzene-PID		93.9 %	70-130	03/22/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: EG		Batch: 2412103
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/22/24	03/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	03/22/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2413011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/25/24	03/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/25/24	03/26/24	
Surrogate: n-Nonane		75.5 %	50-200	03/25/24	03/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2412105
Chloride	ND	20.0	1	03/22/24	03/23/24	•



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	3/27/2024 2:10:19PM

#### SS06-0'

#### E403210-05

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	Analyst: EG		Batch: 2412103
Benzene	ND	0.0250	1	03/22/24	03/22/24	
Ethylbenzene	ND	0.0250	1	03/22/24	03/22/24	
Toluene	ND	0.0250	1	03/22/24	03/22/24	
o-Xylene	ND	0.0250	1	03/22/24	03/22/24	
p,m-Xylene	ND	0.0500	1	03/22/24	03/22/24	
Total Xylenes	ND	0.0250	1	03/22/24	03/22/24	
Surrogate: 4-Bromochlorobenzene-PID		94.2 %	70-130	03/22/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	alyst: EG		Batch: 2412103
Gasoline Range Organics (C6-C10)	ND	20.0	1	03/22/24	03/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	03/22/24	03/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	alyst: KM		Batch: 2413011
Diesel Range Organics (C10-C28)	ND	25.0	1	03/25/24	03/26/24	
Oil Range Organics (C28-C36)	ND	50.0	1	03/25/24	03/26/24	
Surrogate: n-Nonane		75.6 %	50-200	03/25/24	03/26/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: IY		Batch: 2412105
Chloride	88.6	20.0	1	03/22/24	03/23/24	



### **QC Summary Data**

		QC D	шини	ny Dai	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	01	ebel 20 Feder 1058-0007				2/2	Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioven	go			3/2	7/2024 2:10:19PM
		Volatile O	rganics l	by EPA 802	21B				Analyst: EG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2412103-BLK1)							Prepared: 0	3/22/24 Analy	yzed: 03/22/24
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	7.53		8.00		94.1	70-130			
LCS (2412103-BS1)							Prepared: 0	3/22/24 Analy	yzed: 03/22/24
Benzene	5.04	0.0250	5.00		101	70-130			
Ethylbenzene	4.99	0.0250	5.00		99.9	70-130			
Toluene	5.00	0.0250	5.00		100	70-130			
o-Xylene	4.93	0.0250	5.00		98.6	70-130			
p,m-Xylene	10.0	0.0500	10.0		100	70-130			
Total Xylenes	15.0	0.0250	15.0		99.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.58		8.00		94.7	70-130			
Matrix Spike (2412103-MS1)				Source:	E403208-	12	Prepared: 0	3/22/24 Analy	yzed: 03/22/24
Benzene	5.00	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.97	0.0250	5.00	ND	99.4	61-133			
Toluene	4.97	0.0250	5.00	ND	99.5	61-130			
p-Xylene	4.91	0.0250	5.00	ND	98.3	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			
Matrix Spike Dup (2412103-MSD1)				Source:	E403208-	12	Prepared: 0	3/22/24 Analy	yzed: 03/22/24
Benzene	4.78	0.0250	5.00	ND	95.6	54-133	4.45	20	
Ethylbenzene	4.75	0.0250	5.00	ND	95.0	61-133	4.56	20	
Toluene	4.75	0.0250	5.00	ND	95.1	61-130	4.56	20	
p-Xylene	4.71	0.0250	5.00	ND	94.3	63-131	4.14	20	
o,m-Xylene	9.58	0.0500	10.0	ND	95.8	63-131	4.51	20	
Total Xylenes	14.3	0.0250	15.0	ND	95.3	63-131	4.39	20	

8.00

7.65

70-130



Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

# **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo	3/27/2024 2:10:19PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			3/2	27/2024 2:10:19PM
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: EG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2412103-BLK1)							Prepared: 0	3/22/24 Anal	yzed: 03/22/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.2	70-130			
LCS (2412103-BS2)							Prepared: 0	3/22/24 Anal	yzed: 03/22/24
Gasoline Range Organics (C6-C10)	50.7	20.0	50.0		101	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.8	70-130			
Matrix Spike (2412103-MS2)				Source:	E403208-	12	Prepared: 0	3/22/24 Anal	yzed: 03/22/24
Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			
Matrix Spike Dup (2412103-MSD2)				Source:	E403208-	12	Prepared: 0	3/22/24 Anal	yzed: 03/22/24
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	0.654	20	

8.00

7.72

96.5

70-130

# **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	3/27/2024 2:10:19PM
Artesia NM, 88210	Project Manager:	Ashley Giovengo	

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				3/27/2024 2:10:19PM
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413011-BLK1)							Prepared: 0	3/25/24 A1	nalyzed: 03/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.3		50.0		80.5	50-200			
LCS (2413011-BS1)							Prepared: 0	3/25/24 Aı	nalyzed: 03/26/24
Diesel Range Organics (C10-C28)	257	25.0	250		103	38-132			
Surrogate: n-Nonane	39.3		50.0		78.7	50-200			
Matrix Spike (2413011-MS1)				Source:	E403209-	04	Prepared: 0	3/25/24 A1	nalyzed: 03/26/24
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	38.9		50.0		77.8	50-200			
Matrix Spike Dup (2413011-MSD1)				Source:	E403209-	04	Prepared: 0	3/25/24 A1	nalyzed: 03/26/24
Diesel Range Organics (C10-C28)	251	25.0	250	ND	100	38-132	1.70	20	
Surrogate: n-Nonane	41.6		50.0		83.2	50-200			

Matrix Spike Dup (2412105-MSD1)

Chloride

### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	: 0	lebel 20 Feder 1058-0007 Ishley Gioven				3	<b>Reported:</b> 8/27/2024 2:10:19PM
		Anions	by EPA	300.0/9056	4				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2412105-BLK1)							Prepared: 0	3/22/24 An	alyzed: 03/22/24
Chloride	ND	20.0							
LCS (2412105-BS1)							Prepared: 0	3/22/24 An	alyzed: 03/22/24
Chloride	248	20.0	250		99.3	90-110			
Matrix Spike (2412105-MS1)				Source:	E403208-	08	Prepared: 0	3/22/24 An	alyzed: 03/22/24
Chloride	372	20.0	250	128	97.6	80-120			

250

20.0

Source: E403208-08

96.5

80-120

0.761

128

#### 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.



Prepared: 03/22/24 Analyzed: 03/22/24

20

### **Definitions and Notes**

	Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
-	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	03/27/24 14:10

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.



300 1	- 1
Page 1	of l

Client: [	Devon					Bill To				Lab	Use	Onl	У				T	AT		EPA P	rogram
Project:	Rebel 20 Fede	ral6Y			Atte	ention: Dale Woodall		Lab W	0#				lumb		11	2D	3D	St	andard	CWA	SDWA
Project 1	Manager: Ashle	ey Giover	ngo		Add	ress: 205 E Bender Road #150		E40	32	210	(	OIC	58	an	7				X		
Address	: 3122 Nationa	Parks H	wy		City	, State, Zip: Hobbs NM, 88240								d Meth					1 10		RCRA
City, Sta	te, Zip: Carlsba	d NM, 88	3220		Pho	ne: (575)748-1838		by													
Phone:	575-988-0055		9 10 10 10		Ema	ail: dale.woodall@dvn.com		ORO SRO					- 1							State	
Email: a	giovengo@ens	olum.con	n					30/0	3	Η,	,	_	0.0		2414				NM CO	UT AZ	TX
Report o	lue by:							IQ/C		802	979	5010	300		- 1		×		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number	TPH GR	8015	BTEX by 802	VOC BY 8280	Metals 6010	Chloride 300.0		2000		GDOC			Remarks	8
12:39	3/20/2024	Soil	1			SS01 - 0'	1									(					
12:02	3/20/2024	Soil	1			SS02 - 0'	2								,	(					
12:04	3/20/2024	Soil	1			SS03 - 0'	3								,	(					
12:42	3/20/2024	Soil	1			SS05 - 0'	4								,	(					
11:12	3/20/2024	Soil	1			SS06 - 0'	5								,	(					
									1		1										
															1						
Addition	nal Instructions	: Please	e CC: cbu	rton@ensolum	.com, ag	giovengo@ensolum.com, dale.v	woodall@	dvn.co	m, c	hami	ton	n@ei	nsolu	ım.com	n, ie	strella	a@en	solu	m.com		
				f this sample. I am a		ampering with or intentionally mislabelling t	he sample loc	ation,						-					d on ice the day		pled or
	ed by: (Signature)	nacrea mada	Date		C.O.II.	Received by: (Signature)	Date	Tin	ne		-					Lahl	Jse O	nlv			
~	DIST	-	3/	1 1 1	:10.	Michiele Court	3-21-	14		BID	B	Recei	ived	on ice:	1	Ŷ/					
Relinquish	ed by: (Signature)	4	Date	21-24 Time	100	Received by: (Signature)	3.21.	14 Tin	78	00	T	1			TZ				T3		
Relinquish	ed by: (Signature)	Q.	Date 3	21.24 7.C	100	Received by: (Signature)	3-22-	24 C	ne )70	00	A	AVG '	Tem	°c_(	4						
	rix: S - Soil, Sd - Solid	i, Sg - Sludge				11	Container								ber	glass,	v - VO	A			
_					s other arra	angements are made. Hazardous sam	-												or the analy	sis of the a	bove samp
is applicab	le only to those sa	mples rece	ived by the	laboratory with th	nis COC. Th	ne liability of the laboratory is limited to	the amoun	t paid for	on t	he rep	ort.										



er disposed of at the client expense. The report for the analysis of the above sample report.

### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	03/22/24	07:00		Work Order ID:	E403210
Phone:	(505) 382-1211	Date Logged In:	03/21/24	16:48		Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com	Due Date:	03/28/24	17:00 (4 day TAT)			
	Custody (COC)						
	he sample ID match the COC?	1.1.000	Yes				
	he number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier .		
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes				
5. Were a	Ill samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic		Yes			<u>Comment</u>	s/Resolution
	<u>Furn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (	<del>_</del>		***				
	sample cooler received?		Yes				
• .	was cooler received in good condition?		Yes				
	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u>c</u>				
	Container queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?	)	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field La		iers conceteu.	103				
	field sample labels filled out with the minimum info	rmation:					
	ample ID?	imation.	Yes				
	Pate/Time Collected?		Yes				
C	Collectors name?		Yes				
Sample l	Preservation_						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are s	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multiph:	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subconti	ract Laboratory						
	amples required to get sent to a subcontract laborator	rv?	No				
	a subcontract laboratory specified by the client and if	•	NA	Subcontract Lab	· NA		
	nstruction			Successivate Luc			
Chene	isti uction						

Date

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: Rebel 20 Federal 6Y

Work Order: E403238

Job Number: 01058-0007

Received: 3/25/2024

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 4/2/24

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: 4/2/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Rebel 20 Federal 6Y

Workorder: E403238

Date Received: 3/25/2024 10:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 3/25/2024 10:00:00AM, under the Project Name: Rebel 20 Federal 6Y.

The analytical test results summarized in this report with the Project Name: Rebel 20 Federal 6Y apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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**Alexa Michaels** 

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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### **Sample Summary**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Donoutod.
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/02/24 15:45

Client Sample ID	Lab Sample ID Matrix	Sampled R	eceived	Container
SS04-0'	E403238-01A Soil	03/21/24 03	3/25/24	Glass Jar, 2 oz.
SS07-0'	E403238-02A Soil	03/21/24 03	3/25/24	Glass Jar, 2 oz.
SS08-0'	E403238-03A Soil	03/21/24 03	3/25/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/2/2024 3:45:37PM

### SS04-0' E403238-01

		2.00200 01					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2413038
Benzene	ND	0.0250		1	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250		1	03/26/24	03/28/24	
Toluene	ND	0.0250		1	03/26/24	03/28/24	
o-Xylene	ND	0.0250		1	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500		1	03/26/24	03/28/24	
Total Xylenes	ND	0.0250		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		108 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		104 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		108 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		104 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2413089
Diesel Range Organics (C10-C28)	ND	25.0		1	03/28/24	03/29/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/28/24	03/29/24	
Surrogate: n-Nonane		99.8 %	50-200		03/28/24	03/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2413046
Chloride	38.6	20.0		1	03/26/24	03/27/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/2/2024 3:45:37PM

### SS07-0'

		E403238-02					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2413038
Benzene	ND	0.0250	1	1	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250		1	03/26/24	03/28/24	
Toluene	ND	0.0250		1	03/26/24	03/28/24	
o-Xylene	ND	0.0250		1	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500		1	03/26/24	03/28/24	
Total Xylenes	ND	0.0250		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		111 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		111 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		106 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2413089
Diesel Range Organics (C10-C28)	ND	25.0		1	03/28/24	03/29/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/28/24	03/29/24	
Surrogate: n-Nonane		91.9 %	50-200		03/28/24	03/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2413046
Chloride	139	20.0		1	03/26/24	03/27/24	



Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo4/2/20243:45:37PM

#### SS08-0'

#### E403238-03

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2413038
Benzene	ND	0.0250		1	03/26/24	03/28/24	
Ethylbenzene	ND	0.0250		1	03/26/24	03/28/24	
Toluene	ND	0.0250		1	03/26/24	03/28/24	
o-Xylene	ND	0.0250		1	03/26/24	03/28/24	
p,m-Xylene	ND	0.0500		1	03/26/24	03/28/24	
Total Xylenes	ND	0.0250		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene	·	109 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2413038
Gasoline Range Organics (C6-C10)	ND	20.0		1	03/26/24	03/28/24	
Surrogate: Bromofluorobenzene		109 %	70-130		03/26/24	03/28/24	
Surrogate: 1,2-Dichloroethane-d4		92.7 %	70-130		03/26/24	03/28/24	
Surrogate: Toluene-d8		107 %	70-130		03/26/24	03/28/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2413089
Diesel Range Organics (C10-C28)	ND	25.0		1	03/28/24	03/29/24	
Oil Range Organics (C28-C36)	ND	50.0		1	03/28/24	03/29/24	
Surrogate: n-Nonane		90.0 %	50-200		03/28/24	03/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2413046
11110119 8 9 12111 0 0 0 10 7 9 0 0 11							



### **QC Summary Data**

Devon Energy - Carlsbad Rebel 20 Federal 6Y Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 4/2/2024 3:45:37PM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2413038-BLK1) Prepared: 03/26/24 Analyzed: 03/28/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.528 0.500 106 70-130 Surrogate: 1,2-Dichloroethane-d4 0.470 0.500 94.0 70-130 0.500 109 70-130 Surrogate: Toluene-d8 0.543 LCS (2413038-BS1) Prepared: 03/26/24 Analyzed: 03/28/24 2.88 0.0250 2.50 115 70-130 Benzene 2.50 111 70-130 2.77 Ethylbenzene 0.0250 2.95 0.0250 2.50 118 70-130 70-130 2.78 0.0250 2.50 111 o-Xylene 5.46 5.00 109 70-130 p,m-Xylene 0.0500 8.24 0.0250 7.50 110 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.533 0.500 107 70-130 0.500 99.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 Surrogate: Toluene-d8 0.500 0.534 Matrix Spike (2413038-MS1) Source: E403234-04 Prepared: 03/26/24 Analyzed: 03/28/24 2.37 0.0250 2.50 ND 94.8 48-131 45-135 Ethylbenzene 2.31 0.0250 2.50 ND 92.4 48-130 Toluene 2.44 0.0250 2.50 ND 97.6 2.36 0.0250 2.50 ND 94.2 43-135 o-Xylene 4.67 ND 93.5 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.03 0.0250 7.50 ND 93.7 43-135 Surrogate: Bromofluorobenzene 0.526 0.500 105 70-130 0.477 0.500 95.3 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 70-130 0.527 Surrogate: Toluene-d8 Matrix Spike Dup (2413038-MSD1) Source: E403234-04 Prepared: 03/26/24 Analyzed: 03/28/24 2.84 0.0250 2.50 ND 114 48-131 18.2 23 2.75 0.0250 2.50 ND 110 45-135 17.4 27 Ethylbenzene ND 117 48-130 18.3 24 2.93 2.50 Toluene 0.0250 o-Xylene 2.90 0.0250 2.50 ND 116 43-135 20.6 27

5.00

7.50

0.500

0.500

0.500

0.0500

0.0250

5.68

8.58

0.545

0.480

0.521

ND

ND

114

114

109

95.9

43-135

43-135

70-130

70-130

70-130

19.5

19.9



27

27

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2413038-MSD2)

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$ 

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

56.8

0.549

0.466

0.539

### **QC Summary Data**

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6YReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo4/2/2024 3:45:37PM

Artesia NM, 88210		Project Manage		shley Gioveng	;o			4/2	2/2024 3:45:37PM
	Non	halogenated	Organics	by EPA 801	15D - G	RO		A	Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413038-BLK1)							Prepared: 0	3/26/24 Analy	yzed: 03/28/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.543		0.500		109	70-130			
LCS (2413038-BS2)							Prepared: 0	3/26/24 Analy	yzed: 03/28/24
Gasoline Range Organics (C6-C10)	57.6	20.0	50.0		115	70-130			
Surrogate: Bromofluorobenzene	0.568		0.500		114	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.456		0.500		91.2	70-130			
Surrogate: Toluene-d8	0.551		0.500		110	70-130			
Matrix Spike (2413038-MS2)				Source:	E403234-	04	Prepared: 0	3/26/24 Analy	yzed: 03/28/24
Gasoline Range Organics (C6-C10)	56.6	20.0	50.0	ND	113	70-130			
Surrogate: Bromofluorobenzene	0.550		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.2	70-130			
Surrogate: Toluene-d8	0.546		0.500		109	70-130			

50.0

0.500

0.500

0.500

20.0

Source: E403234-04

114

110

93.2

108

ND

70-130

70-130

70-130

70-130

0.425



Prepared: 03/26/24 Analyzed: 03/28/24

# **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/2/2024 3:45:37PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			4	4/2/2024 3:45:37PM
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413089-BLK1)							Prepared: 0	3/28/24 An	alyzed: 03/28/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.7		50.0		99.3	50-200			
LCS (2413089-BS1)							Prepared: 0	3/28/24 An	alyzed: 03/28/24
Diesel Range Organics (C10-C28)	309	25.0	250		123	38-132			
Surrogate: n-Nonane	55.5		50.0		111	50-200			
Matrix Spike (2413089-MS1)				Source:	E403223-	25	Prepared: 0	3/28/24 An	alyzed: 03/28/24
Diesel Range Organics (C10-C28)	326	25.0	250	ND	130	38-132			
Surrogate: n-Nonane	55.3		50.0		111	50-200			
Matrix Spike Dup (2413089-MSD1)				Source:	E403223-	25	Prepared: 0	3/28/24 An	alyzed: 03/28/24
Diesel Range Organics (C10-C28)	310	25.0	250	ND	124	38-132	4.80	20	
Surrogate: n-Nonane	54.3		50.0		109	50-200			

Chloride

### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	01	ebel 20 Federa 058-0007 Shley Giovens					<b>Reported:</b> 4/2/2024 3:45:37PM
74103ia 1431, 00210				00.0/9056A					Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2413046-BLK1)							Prepared: 0	3/26/24 A	nalyzed: 03/26/24
Chloride	ND	20.0							
LCS (2413046-BS1)							Prepared: 0	3/26/24 A	nalyzed: 03/26/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2413046-MS1)				Source:	E403239-	01	Prepared: 0	3/26/24 A	nalyzed: 03/26/24
Chloride	1290	20.0	250	1060	94.3	80-120			
Matrix Spike Dup (2413046-MSD1)				Source:	E403239-	01	Prepared: 0	3/26/24 A	nalyzed: 03/26/24

250

20.0

1060

189

80-120

16.8

#### QC Summary Report Comment:

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



### **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/02/24 15:45

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.



EP	A Pr	ogra	ım
CV	VA	SD	WA
		RC	RA
Sta	te		
JT	AZ	TX	
em	arks		

Client: D	Devon					Bill To				La	b Us	e On	ly				TA	T	EPA F	rogram
Project:	Rebel 20 Fed	eral 6Y			_   A	Attention: Dale Woodall			WO#			Job I	-	ber	1D	2D	3D	Standard	CWA	SDWA
Project N	Manager: Ashl	ey Giover	ngo		A	ddress: 205 E Bender Road	#150	EU	WO#	123	58			-000	1			Х		
Address:	3122 Nationa	l Parks H	wy		<u>c</u>	ity, State, Zip: Hobbs NM, 8	8240							nd Metho						RCRA
City, Star	te, Zip: Carlsba	ad NM, 88	3220		P	hone: (575)748-1838			þý	-	7									
Phone:	575-988-0055				E	mail: dale.woodall@dvn.co	m		ORO		14 1				1				State	
Email: a	giovengo@ens	olum.cor	n					1 1	30/0		_		0.0		ΣN		1	NM C	UT AZ	TX
Report d	ue by:							1 1	JQ/C	802	8260	5010	300				¥	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample II	)		Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remark	s
9:46	3/21/2024	Soil	1			SS04A - 0'	1								x					
9:48	3/21/2024	Soil	1			SS07 - 0¹	2								х					
9:50	3/21/2024	Soil	1			SS08 - 0'	3								х					
Addition	al Instructions	: Pleaso	e CC: cbu	rton@ens	solum.com,	agiovengo@ensolum.com,	dale.woodall@	dvn.c	com,	char	milto	on@e	nsol	um.com	n, ies	trella	@ens	olum.com		
	pler), attest to the variety of collection is cons					at tampering with or intentionally misla		cation,										eceived on ice the less than 6 °C on s		
Relinquish	ed by: (Signature)	~	Date 3/	22/24	Time 9:02	Received by (Signature)	Date 3.22	.24	Time	12	,5	Rece	ived	on ice:		ab U	se On	ly		
(1,	ed by (Signature)	_	Date 3	2224	Time 530	Received by: (Signature)	3/25		-	X	2	T1			T2			<u></u>		
Relinquish	ed by: (Signature)		Date		Time	Received by: (Signature)	Date		Time			AVG	Tem	p°C_	4					
Sample Mat	rix: S - Soil, Sd - Solid	l, Sg - Sludge	, A - Aqueou	s, O - Other_			Containe	r Type	: g - g	glass,					ber g	lass, v	- VOA	1		
						arrangements are made. Hazardo							of at	the client	expe	nse.	The rep	ort for the an	lysis of the	above sampl
is applicab	le only to those sa	mples rece	ved by the	laboratory	with this COC.	. The liability of the laboratory is li	mited to the amour	nt paid	for or	the r	epor	t.								



en disposed of at the client expense. The report for the analysis of the above sample report.

Compared to the client expense. The report for the analysis of the above sample report.

Page 13 of 15

Printed: 3/26/2024 2:18:12PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	WPX Energy - Carlsbad	Date Received:	03/25/24	10:00		Work Order ID:	E403238
Phone:	(539) 573-4018	Date Logged In:	03/25/24	17:47		Logged In By:	Alexa Michaels
Email:		Due Date:		17:00 (4 day TAT)		86	
Chain of	Custody (COC)						
1. Does t	he sample ID match the COC?		Yes				
2. Does t	he number of samples per sampling site location mate	the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes	-			
5. Were a	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion					Comments	s/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (	<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling	received w/i 15	Yes				
13. If no	visible ice, record the temperature. Actual sample t	temperature: 4°0	<u>C</u>				
	<u>Container</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containers?		Yes				
19. Is the	appropriate volume/weight or number of sample contained	ers collected?	Yes				
Field La	<u>bel</u>						
	field sample labels filled out with the minimum infor	mation:	**				
	ample ID?		Yes				
	Oate/Time Collected? Collectors name?		Yes				
	Preservation		Yes				
	the COC or field labels indicate the samples were pre-	eserved?	No				
	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved mo	etals?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multiphas	a?	No				
	does the COC specify which phase(s) is to be analyzed.		No				
		zeu:	NA				
	ract Laboratory						
	amples required to get sent to a subcontract laborator		No				
29. Was a	a subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: NA		
Client In	<u>nstruction</u>						
							1

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

Page	1 0	f \
, age		-

Received by OCD: 10/23/2024 9:39:58 AM

Page 15 of 15

Client: Devon		Bill To			-	Lab	Ise (	nly		-		Т	AT		EPA P	rogram
Project: Rebel 20 Federal 6Y		Attention: Dale Woodall		Lab \	NO#		Jol	o Nun	ber	11	) 20			andard	CWA	SDWA
Project Manager: Ashley Giovengo		Address: 205 E Bender Road #150		F4	03	238	0	OFS	3-00	RC				X		
Address: 3122 National Parks Hwy		City, State, Zip: Hobbs NM, 88240							nd Me							RCRA
City, State, Zip: Carlsbad NM, 88220		Phone: (575)748-1838			þ				T							
Phone: 575-988-0055		Email: dale.woodall@dvn.com			ORO						110				State	
Email: agiovengo@ensolum.com					RO/0	51 6		0.0		1	IAIN	-		NM CO	UT AZ	TX
Report due by:					0/0	8021	6010	a 300.0				¥		×		
Time Sampled Date Sampled Matrix No. of Containers Sampled	ample ID		Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	Metals	Chloride		0	BGDOC	GDOC			Remarks	
9:46 3/21/2024 Soil 1		5504-0' 5504-0'	1								K			cer.	I.E	strelle
9:48 3/21/2024 Soil 1		SS07 - 0'	2								K			4/21	24	strello Abol
9:50 3/21/2024 Soil 1		SS08 - 0'	3								K					
																11-14
							1				-	-			11 (5)	
							-									
Additional Instructions: Please CC: cburto	on@ensolum.co	m, agiovengo@ensolum.com, dale.w	oodall@	dvn.c	om, c	hamil	ton@	Penso	lum.c	om, ie	strell	la@er	rsolu	m.com		
<ol> <li>(field sampler), attest to the validity and authenticity of thi date or time of collection is considered fraud and may be gro</li> </ol>			e sample loc	ation,										d on ice the da an 6 °C on sub		
Relinquished by: (Signature)  Date  3/22	2/24 Time 2/24 9=0	Received by (Signature)	3.22	.24	Time	2	SRe	ceive	d on ic	e: (	Lab I	Use O N	nly			
Relinquished by (Signature) Date	224 Time 55	Received by: (Signature)	Date 3/25/	24	Time	$\infty$	T1		66.1	_ I				<u>T3</u>		
Relinquished by: (Signature) Date	Time	Received by (Signature)	Date		Time		AV	G Ter	np °C_	4						
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O	O - Other		Containe	r Type	: g - gl	ass, p				amber	glass,	v - VC	DA		TEXT (	EXIT.
Note: Samples are discarded 30 days after results are								ed of a	t the cli	ent exp	ense.	The re	eport f	or the anal	ysis of the a	bove sampl



envirotech environation environ

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

# **Analytical Report**

Devon Energy - Carlsbad

Project Name: Rebel 20 Federal 6Y

Work Order: E404034

Job Number: 01058-0007

Received: 4/5/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 4/11/24

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: 4/11/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Rebel 20 Federal 6Y

Workorder: E404034

Date Received: 4/5/2024 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/5/2024 6:30:00AM, under the Project Name: Rebel 20 Federal 6Y.

The analytical test results summarized in this report with the Project Name: Rebel 20 Federal 6Y apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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### **Sample Summary**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/11/24 15:50

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01 -0'	E404034-01A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.
PH01 -1'	E404034-02A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.
PH02 -0'	E404034-03A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.
PH02 -3'	E404034-04A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.
BH01 -0'	E404034-05A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.
BH01 -2'	E404034-06A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.
BH02 -0'	E404034-07A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.
BH02 -3'	E404034-08A	Soil	04/03/24	04/05/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/11/2024 3:50:16PM

### PH01 -0' E404034-01

		E404034-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2414072
Benzene	0.0251	0.0250	1	04/05/24	04/05/24	
Ethylbenzene	0.404	0.0250	1	04/05/24	04/05/24	
Toluene	0.814	0.0250	1	04/05/24	04/05/24	
o-Xylene	1.55	0.0250	1	04/05/24	04/05/24	
p,m-Xylene	3.85	0.0500	1	04/05/24	04/05/24	
Total Xylenes	5.40	0.0250	1	04/05/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	04/05/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2414072
Gasoline Range Organics (C6-C10)	58.5	20.0	1	04/05/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	04/05/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2414070
Diesel Range Organics (C10-C28)	5290	25.0	1	04/05/24	04/09/24	
Oil Range Organics (C28-C36)	1560	50.0	1	04/05/24	04/09/24	
Surrogate: n-Nonane		119 %	50-200	04/05/24	04/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2414065
Chloride	10800	200	10	04/05/24	04/05/24	

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/11/2024 3:50:16PM

#### PH01 -1' E404034-02

Reporting				
Limit	Dilution	Prepared	Analyzed	Notes
g mg/kg	Analy	Analyst: BA		Batch: 2414072
0.0250	1	04/05/24	04/05/24	
0.0250	1	04/05/24	04/05/24	
0.0250	1	04/05/24	04/05/24	
0.0250	1	04/05/24	04/05/24	
0.0500	1	04/05/24	04/05/24	
0.0250	1	04/05/24	04/05/24	
101 %	70-130	04/05/24	04/05/24	
g mg/kg	Analy	yst: BA		Batch: 2414072
20.0	1	04/05/24	04/05/24	
91.0 %	70-130	04/05/24	04/05/24	
g mg/kg	Analy	yst: NV		Batch: 2414070
25.0	1	04/05/24	04/09/24	
50.0	1	04/05/24	04/09/24	
76.3 %	50-200	04/05/24	04/09/24	
g mg/kg	Analy	yst: IY		Batch: 2414065
20.0	1	04/05/24	04/05/24	
	g mg/kg 0.0250 0.0250 0.0250 0.0250 0.0500 0.0250 101 % g mg/kg 20.0 91.0 % g mg/kg 25.0 50.0 76.3 % g mg/kg	g mg/kg Analy 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1 101% 70-130 g mg/kg Analy 20.0 1 91.0% 70-130 g mg/kg Analy 25.0 1 50.0 1 76.3% 50-200 g mg/kg Analy	g mg/kg Analyst: BA  0.0250 1 04/05/24 0.0250 1 04/05/24 0.0250 1 04/05/24 0.0250 1 04/05/24 0.0250 1 04/05/24 0.0500 1 04/05/24 0.0250 1 04/05/24 0.0250 1 04/05/24 0.0250 1 04/05/24  20.0250 1 04/05/24  g mg/kg Analyst: BA 20.0 1 04/05/24  91.0 % 70-130 04/05/24  g mg/kg Analyst: NV  25.0 1 04/05/24 50.0 1 04/05/24  76.3 % 50-200 04/05/24  g mg/kg Analyst: IY	g mg/kg Analyst: BA  0.0250 1 04/05/24 04/05/24 0.0250 1 04/05/24 04/05/24 0.0250 1 04/05/24 04/05/24 0.0250 1 04/05/24 04/05/24 0.0250 1 04/05/24 04/05/24 0.0500 1 04/05/24 04/05/24 0.0250 1 04/05/24 04/05/24 0.0250 1 04/05/24 04/05/24 0.0250 1 04/05/24 04/05/24  g mg/kg Analyst: BA  20.0 1 04/05/24 04/05/24  91.0 % 70-130 04/05/24 04/05/24  g mg/kg Analyst: NV  25.0 1 04/05/24 04/05/24 50.0 1 04/05/24 04/09/24 50.0 1 04/05/24 04/09/24  76.3 % 50-200 04/05/24 04/09/24

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/11/2024 3:50:16PM

#### PH02 -0' E404034-03

		E-10-105-1-05				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: BA		Batch: 2414072
Benzene	4.11	0.125	5	04/05/24	04/08/24	
Ethylbenzene	13.0	0.125	5	04/05/24	04/08/24	
Toluene	40.8	0.125	5	04/05/24	04/08/24	
o-Xylene	26.9	0.125	5	04/05/24	04/08/24	
p,m-Xylene	76.2	0.250	5	04/05/24	04/08/24	
Total Xylenes	103	0.125	5	04/05/24	04/08/24	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	04/05/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2414072
Gasoline Range Organics (C6-C10)	1120	100	5	04/05/24	04/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		99.7 %	70-130	04/05/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2414070
Diesel Range Organics (C10-C28)	20500	250	10	04/05/24	04/10/24	
Oil Range Organics (C28-C36)	4790	500	10	04/05/24	04/10/24	
Surrogate: n-Nonane		697 %	50-200	04/05/24	04/10/24	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2414065
Chloride	6310	100	5	04/05/24	04/05/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/11/2024 3:50:16PM

### PH02 -3' E404034-04

		E-10-103-10-				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: BA		Batch: 2414072
Benzene	ND	0.0250	1	04/05/24	04/08/24	
Ethylbenzene	ND	0.0250	1	04/05/24	04/08/24	
Toluene	ND	0.0250	1	04/05/24	04/08/24	
o-Xylene	ND	0.0250	1	04/05/24	04/08/24	
o,m-Xylene	ND	0.0500	1	04/05/24	04/08/24	
Total Xylenes	ND	0.0250	1	04/05/24	04/08/24	
Surrogate: 4-Bromochlorobenzene-PID		97.7 %	70-130	04/05/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Analyst: BA		Batch: 2414072
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/05/24	04/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	04/05/24	04/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2414070
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/24	04/10/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/24	04/10/24	
Surrogate: n-Nonane		105 %	50-200	04/05/24	04/10/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2414065
Chloride	ND	20.0	1	04/05/24	04/05/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/11/2024 3:50:16PM

#### BH01 -0' E404034-05

		E404034-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2414072
Benzene	1.68	0.0250	1	04/05/24	04/05/24	
Ethylbenzene	3.64	0.0250	1	04/05/24	04/05/24	
Toluene	14.5	0.0250	1	04/05/24	04/05/24	
o-Xylene	7.63	0.0250	1	04/05/24	04/05/24	
p,m-Xylene	21.1	0.0500	1	04/05/24	04/05/24	
Total Xylenes	28.8	0.0250	1	04/05/24	04/05/24	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	04/05/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2414072
Gasoline Range Organics (C6-C10)	224	20.0	1	04/05/24	04/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	04/05/24	04/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2414070
Diesel Range Organics (C10-C28)	23100	250	10	04/05/24	04/10/24	
Oil Range Organics (C28-C36)	6240	500	10	04/05/24	04/10/24	
Surrogate: n-Nonane		564 %	50-200	04/05/24	04/10/24	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: IY		Batch: 2414065
Chloride	5520	100	5	04/05/24	04/05/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/11/2024 3:50:16PM

#### BH01 -2' E404034-06

		E404034-00				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Allaryte	Result	Lillit	Dilution	i repareu	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2414072
Benzene	ND	0.0250	1	04/05/24	04/06/24	
Ethylbenzene	ND	0.0250	1	04/05/24	04/06/24	
Toluene	ND	0.0250	1	04/05/24	04/06/24	
o-Xylene	ND	0.0250	1	04/05/24	04/06/24	
p,m-Xylene	ND	0.0500	1	04/05/24	04/06/24	
Total Xylenes	ND	0.0250	1	04/05/24	04/06/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA		Batch: 2414072	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/05/24	04/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2414070	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/24	04/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/24	04/09/24	
Surrogate: n-Nonane		82.5 %	50-200	04/05/24	04/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2414065
Chloride	27.9	20.0	1	04/05/24	04/05/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/11/2024 3:50:16PM

#### BH02 -0' E404034-07

		E404034-07				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
That, it	resur		D II WIO	110parea	111111111111111111111111111111111111111	11000
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2414072
Benzene	0.163	0.0250	1	04/05/24	04/06/24	
Ethylbenzene	1.65	0.0250	1	04/05/24	04/06/24	
Toluene	3.22	0.0250	1	04/05/24	04/06/24	
o-Xylene	4.93	0.0250	1	04/05/24	04/06/24	
p,m-Xylene	11.4	0.0500	1	04/05/24	04/06/24	
Total Xylenes	16.3	0.0250	1	04/05/24	04/06/24	
Surrogate: 4-Bromochlorobenzene-PID		113 %	70-130	04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2414072
Gasoline Range Organics (C6-C10)	111	20.0	1	04/05/24	04/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2414070
Diesel Range Organics (C10-C28)	8810	125	5	04/05/24	04/11/24	
Oil Range Organics (C28-C36)	2340	250	5	04/05/24	04/11/24	
Surrogate: n-Nonane		92.2 %	50-200	04/05/24	04/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2414065
Chloride	1510	20.0	1	04/05/24	04/05/24	·



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/11/2024 3:50:16PM

#### BH02 -3' E404034-08

		E404034-06				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Tillary	Result	Limit	Dilution	Trepared	Maryzea	rotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414072
Benzene	ND	0.0250	1	04/05/24	04/06/24	
Ethylbenzene	ND	0.0250	1	04/05/24	04/06/24	
Toluene	ND	0.0250	1	04/05/24	04/06/24	
o-Xylene	ND	0.0250	1	04/05/24	04/06/24	
p,m-Xylene	ND	0.0500	1	04/05/24	04/06/24	
Total Xylenes	ND	0.0250	1	04/05/24	04/06/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2414072
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/05/24	04/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.4 %	70-130	04/05/24	04/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2414070
Diesel Range Organics (C10-C28)	ND	25.0	1	04/05/24	04/11/24	
Oil Range Organics (C28-C36)	ND	50.0	1	04/05/24	04/11/24	
Surrogate: n-Nonane		109 %	50-200	04/05/24	04/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2414065
Chloride	28.8	20.0	1	04/05/24	04/05/24	



## **QC Summary Data**

		QC 51	A 1 1 1 1 1 1 1	ary Dat	a				
Devon Energy - Carlsbad		Project Name:	I	Rebel 20 Feder	al 6Y				Reported:
6488 7 Rivers Hwy		Project Number:	(	01058-0007					
Artesia NM, 88210		Project Manager:	A	Ashley Gioven	go				4/11/2024 3:50:16PM
		Volatile O	rganics	by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414072-BLK1)							Prepared: 0	4/05/24 Aı	nalyzed: 04/05/24
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	7.71		8.00		96.4	70-130			
LCS (2414072-BS1)							Prepared: 0	4/05/24 Aı	nalyzed: 04/05/24
Benzene	5.31	0.0250	5.00		106	70-130			
Ethylbenzene	5.16	0.0250	5.00		103	70-130			
Toluene	5.30	0.0250	5.00		106	70-130			
o-Xylene	5.24	0.0250	5.00		105	70-130			
p,m-Xylene	10.5	0.0500	10.0		105	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.8	70-130			
Matrix Spike (2414072-MS1)				Source:	E404034-	05	Prepared: 0	4/05/24 Aı	nalyzed: 04/05/24
Benzene	6.57	0.0250	5.00	1.68	97.8	54-133			
Ethylbenzene	8.02	0.0250	5.00	3.64	87.7	61-133			
Toluene	17.7	0.0250	5.00	14.5	63.9	61-130			
o-Xylene	11.5	0.0250	5.00	7.63	78.0	63-131			
p,m-Xylene	27.8	0.0500	10.0	21.1	66.1	63-131			
Total Xylenes	39.3	0.0250	15.0	28.8	70.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.56		8.00		107	70-130			
Matrix Spike Dup (2414072-MSD1)				Source:	E404034-	05	Prepared: 0	4/05/24 Aı	nalyzed: 04/05/24
Benzene	5.92	0.0250	5.00	1.68	84.8	54-133	10.4	20	
Ethylbenzene	7.46	0.0250	5.00	3.64	76.3	61-133	7.32	20	
Toluene	17.9	0.0250	5.00	14.5	67.7	61-130	1.09	20	
o-Xylene	11.3	0.0250	5.00	7.63	74.1	63-131	1.72	20	
p,m-Xylene	28.0	0.0500	10.0	21.1	68.6	63-131	0.906	20	
Total Xylenes	39.3	0.0250	15.0	28.8	70.4	63-131	0.143	20	



70-130

Surrogate: 4-Bromochlorobenzene-PID

# **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/11/2024 3:50:16PM

Artesia NM, 88210		Project Manager		038-0007 shley Gioveng	go			4/1	1/2024 3:50:16PN
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414072-BLK1)							Prepared: 0	4/05/24 Anal	yzed: 04/05/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.1	70-130			
LCS (2414072-BS2)							Prepared: 0	4/05/24 Anal	yzed: 04/05/24
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	70-130			
Matrix Spike (2414072-MS2)				Source:	E404034-	05	Prepared: 0	4/05/24 Anal	yzed: 04/05/24
Gasoline Range Organics (C6-C10)	235	20.0	50.0	224	21.5	70-130			M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			
Matrix Spike Dup (2414072-MSD2)				Source:	E404034-	05	Prepared: 0	4/05/24 Anal	yzed: 04/05/24
Gasoline Range Organics (C6-C10)	247	20.0	50.0	224	44.9	70-130	4.87	20	M4
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130			

# **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/11/2024 3:50:16PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go		4/11/2024 3:50:16PM		
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO	Analyst: NV		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD s RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2414070-BLK1)							Prepared: 0	4/05/24 Ana	alyzed: 04/08/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	40.4		50.0		80.7	50-200			
LCS (2414070-BS1)							Prepared: 0	4/05/24 Ana	alyzed: 04/09/24
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	43.7		50.0		87.4	50-200			
Matrix Spike (2414070-MS1)				Source:	E404034-	01	Prepared: 0	4/05/24 Ana	alyzed: 04/09/24
Diesel Range Organics (C10-C28)	5960	25.0	250	5290	267	38-132			M4
Surrogate: n-Nonane	62.5		50.0		125	50-200			
Matrix Spike Dup (2414070-MSD1)				Source:	E404034-	01	Prepared: 0	4/05/24 Ana	alyzed: 04/09/24
Diesel Range Organics (C10-C28)	5550	25.0	250	5290	106	38-132	7.00	20	
Surrogate: n-Nonane	60.6		50.0		121	50-200			

Matrix Spike Dup (2414065-MSD1)

Chloride

572

## **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	0	ebel 20 Federa 1058-0007 shley Gioveng					<b>Reported:</b> 4/11/2024 3:50:16PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	1				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2414065-BLK1)							Prepared: 0	4/05/24 Ar	nalyzed: 04/05/24
Chloride	ND	20.0							
LCS (2414065-BS1)							Prepared: 0	4/05/24 Ar	nalyzed: 04/05/24
Chloride	249	20.0	250		99.6	90-110			
Matrix Spike (2414065-MS1)				Source:	E404031-	01	Prepared: 0	4/05/24 Ar	nalyzed: 04/05/24
Chloride	598	40.0	250	302	119	80-120			

250

40.0

Source: E404031-01

108

80-120

4.54

302

#### 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.



Prepared: 04/05/24 Analyzed: 04/05/24

20

## **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/11/24 15:50

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.

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



EF	VA Pr	ogra	m WA
CV	VA		RA
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Sta	AZ	TX	
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em	arks		
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Client: D					Bill To				La	b Us	e Or	ly				TA	AT		EPA Pr	rogram
Project:	Rebel 20 Fed	eral 6Y			Attention: Dale Woodall		Lab W	VO#.	. 0	11	Job	Num	ber	1D	2D	3D	Star	ndard	CWA	SDWA
Project N	lanager: Ashle	ey Giover	ngo		Address: 205 E Bender Road #15	0	E 4	04	03	4	DIU	158-	0007					x		
Address:	3122 Nationa	l Parks H	wy		City, State, Zip: Hobbs NM, 8824	0							d Metho	bc						RCRA
City, Stat	e, Zip: Carlsba	d NM, 88	3220		Phone: (575)748-1838		à	λ'n												
Phone: 5	75-988-0055				Email: dale.woodall@dvn.com		88	2							1	1 1			State	
	giovengo@ens	olum.con	n				000	0	7	0	0	0.0		Z			N	м со	UT AZ	TX
Report d	ue by:						1 8	2/0	802	826	5010	300				¥		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/ORO by	8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks	
9:28	4/3/2024	Soil	1		PH01 - 0'	1								х						
9:34	4/3/2024	Soil	1		PH01 - 1'	2								х						
10:02	4/3/2024	Soil	1		PH02 - 0'	3								х						
10:28	4/3/2024	Soil	1		PH02 - 3'	4								х						
10:43	4/3/2024	Soil	1		BH01 - 0'	5								х						
10:49	4/3/2024	Soil	1		BH01 - 2'	6								х						
12:02	4/3/2024	Soil	1		BH02 - 0'	7								х						
12:17	4/3/2024	Soil	1		BH02 - 3'	8								х						
						e None														
Addition	al Instructions	: Please	e CC: cbu	rton@ensolum	.com, agiovengo@ensolum.com, dal	e.woodall@	dvn.co	om,	chan	nilto	n@e	ensol	um.com	ı, ies	trella	@ens	solum.	com		
				f this sample. I am a grounds for legal act	ware that tampering with or intentionally mislabelli ion. <u>Sampled by: Israel Estrella</u>	ng the sample lo	cation,				0.00		-					A CONTRACTOR OF THE PARTY OF TH	they are samp sequent days.	pled or
-l	d by: (Signature)				25 Middle Conl	Date 4-4-		ime 09	25	5	Rece	eived	on ice:		Lab U	se On V	ıly			
Mich	d by: (Signature)	walls	Date 4		Received by: (Signature)	Date 4-4-	Ti	ime /	3	0	T1			T2		X.	<u>T</u>	3		
1/1	d by: (Signature)	GRS-	Date	4-24 23	30 Received by: (Signature)	9/5/	24 1	ime O()	30	)	AVG	Tem	p°C_	f						
	ix: S - Soil, Sd - Solid	_			-	Containe	r Type:	g-g	lass,					ber g	glass,	v - VOA	A			
Note: Samp	les are discarded	30 days aft	ter results a	re reported unless	other arrangements are made. Hazardous sa	amples will be	returned	d to c	lient	or dis	posed	d of at	the clien	t expe	ense.	The rep	port for	the analy	sis of the al	bove samp
s applicabl	e only to those sa	mples rece	ived by the	laboratory with th	is COC. The liability of the laboratory is limited	d to the amour	nt paid fo	or on	the r	epor	t.						11111			



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Printed: 4/5/2024 12:30:33PM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested. Devon Energy - Carlsbad Client: Date Received: 04/05/24 06:30 Work Order ID: E404034 Phone: (505) 382-1211 Date Logged In: 04/04/24 16:09 Logged In By: Angelina Pineda Email: ashley.giovengo@wescominc.com 04/11/24 17:00 (4 day TAT) Due Date: 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? Ycs Carrier: Courier 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. Comments/Resolution i.e, 15 minute hold time, are not included in this disucssion. 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? Nο 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 filteration 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. envirotech Inc.

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

# **Analytical Report**

Devon Energy - Carlsbad

Project Name: Rebel 20 Federal 6Y

Work Order: E408112

Job Number: 01058-0007

Received: 8/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/16/24

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

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

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

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

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

Date Reported: 8/16/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Rebel 20 Federal 6Y

Workorder: E408112

Date Received: 8/12/2024 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/12/2024 8:15:00AM, under the Project Name: Rebel 20 Federal 6Y.

The analytical test results summarized in this report with the Project Name: Rebel 20 Federal 6Y apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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## Sample Summary

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/16/24 11:08

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-2'	E408112-01A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS02-0.5'	E408112-02A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS03-0.5'	E408112-03A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS04-0.5'	E408112-04A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS05-0.5'	E408112-05A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS06-0.5'	E408112-06A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS07-0.5'	E408112-07A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS08-0.5'	E408112-08A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS09-0.5'	E408112-09A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS10-0.5'	E408112-10A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS11-0.5'	E408112-11A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS12-0.5'	E408112-12A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS13-0.5'	E408112-13A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS14-0.5'	E408112-14A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS15-0.5'	E408112-15A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS16-0.5'	E408112-16A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS17-0.5'	E408112-17A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS18-0.5'	E408112-18A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS22-0.5'	E408112-19A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS23-0.5'	E408112-20A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS24-0.5'	E408112-21A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.
FS25-0.5'	E408112-22A	Soil	08/08/24	08/12/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 11:08:21AM

## FS01-2' E408112-01

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2433015
Benzene	ND	0.0250	1	1	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	1	08/12/24	08/13/24	
Toluene	ND	0.0250	1	1	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	1	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	1	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		100 %	70-130		08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130		08/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130		08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2433015
	mg/kg ND	mg/kg 20.0			RKS 08/12/24	08/13/24	Batch: 2433015
Nonhalogenated Organics by EPA 8015D - GRO Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene						08/13/24 08/13/24	Batch: 2433015
Gasoline Range Organics (C6-C10)		20.0	1		08/12/24		Batch: 2433015
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene  Surrogate: 1,2-Dichloroethane-d4		20.0	70-130		08/12/24 08/12/24	08/13/24	Batch: 2433015
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene		20.0 100 % 95.9 %	70-130 70-130 70-130		08/12/24 08/12/24 08/12/24 08/12/24	08/13/24 08/13/24	Batch: 2433015  Batch: 2433013
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4  Surrogate: Toluene-d8	ND	20.0 100 % 95.9 % 105 %	70-130 70-130 70-130	I	08/12/24 08/12/24 08/12/24 08/12/24	08/13/24 08/13/24	
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene  Surrogate: 1,2-Dichloroethane-d4  Surrogate: Toluene-d8  Nonhalogenated Organics by EPA 8015D - DRO/ORO	ND mg/kg	20.0 100 % 95.9 % 105 % mg/kg	70-130 70-130 70-130	I	08/12/24 08/12/24 08/12/24 08/12/24 NV	08/13/24 08/13/24 08/13/24	
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene  Surrogate: 1,2-Dichloroethane-d4  Surrogate: Toluene-d8  Nonhalogenated Organics by EPA 8015D - DRO/ORO  Diesel Range Organics (C10-C28)	MD mg/kg 54.5	20.0 100 % 95.9 % 105 % mg/kg 25.0	70-130 70-130 70-130	I	08/12/24 08/12/24 08/12/24 08/12/24 NV 08/12/24	08/13/24 08/13/24 08/13/24 08/12/24	
Gasoline Range Organics (C6-C10)  Surrogate: Bromofluorobenzene  Surrogate: 1,2-Dichloroethane-d4  Surrogate: Toluene-d8  Nonhalogenated Organics by EPA 8015D - DRO/ORO  Diesel Range Organics (C10-C28)  Oil Range Organics (C28-C36)	MD mg/kg 54.5	20.0 100 % 95.9 % 105 % mg/kg 25.0 50.0	170-130 70-130 70-130 70-130	I	08/12/24 08/12/24 08/12/24 08/12/24 NV 08/12/24 08/12/24 08/12/24	08/13/24 08/13/24 08/13/24 08/12/24 08/12/24	



Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS02-0.5' E408112-02

	_	Reporting	_			
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	A	Analyst: RKS		Batch: 2433015
Benzene	ND	0.0250	1	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	08/12/24	08/13/24	
Toluene	ND	0.0250	1	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		104 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2433015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		104 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2433013
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/24	08/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/24	08/12/24	
Surrogate: n-Nonane		109 %	50-200	08/12/24	08/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM		Batch: 2433024
Chloride	2030	40.0	2	08/12/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS03-0.5' E408112-03

Result	Reporting Limit		on Prepared	Analyzed	Notes	
mg/kg	mg/kg	A	nalyst: RKS	·	Batch: 2433015	
ND	0.0250	1	08/12/24	08/13/24		
ND	0.0250	1	08/12/24	08/13/24		
ND	0.0250	1	08/12/24	08/13/24		
ND	0.0250	1	08/12/24	08/13/24		
ND	0.0500	1	08/12/24	08/13/24		
ND	0.0250	1	08/12/24	08/13/24		
	97.4 %	70-130	08/12/24	08/13/24		
	98.8 %	70-130	08/12/24	08/13/24		
	105 %	70-130	08/12/24	08/13/24		
mg/kg	mg/kg	A	nalyst: RKS		Batch: 2433015	
ND	20.0	1	08/12/24	08/13/24		
	97.4 %	70-130	08/12/24	08/13/24		
	98.8 %	70-130	08/12/24	08/13/24		
	105 %	70-130	08/12/24	08/13/24		
mg/kg	mg/kg	A	nalyst: NV		Batch: 2433013	
ND	25.0	1	08/12/24	08/12/24	-	
ND	50.0	1	08/12/24	08/12/24		
	111 %	50-200	08/12/24	08/12/24		
mg/kg	mg/kg	A	nalyst: JM		Batch: 2433024	
3680	40.0	2	08/12/24	08/13/24		
	mg/kg ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           97.4 %         98.8 %           105 %         mg/kg           ND         20.0           97.4 %         98.8 %           105 %         mg/kg           Mg/kg         mg/kg           ND         25.0           ND         50.0           111 %         mg/kg           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         A           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           97.4 %         70-130           98.8 %         70-130           105 %         70-130           mg/kg         mg/kg           A         70-130           105 %         70-130           mg/kg         mg/kg           ND         25.0           ND         25.0           ND         50.0           111 %         50-200	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0500         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           97.4 %         70-130         08/12/24           98.8 %         70-130         08/12/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/12/24           97.4 %         70-130         08/12/24           98.8 %         70-130         08/12/24           105 %         70-130         08/12/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         08/12/24           ND         50.0         1         08/12/24           ND         50.0         1         08/12/24 <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24         08/13/24           ND         0.0500         1         08/12/24         08/13/24           ND         0.0250         1         08/12/24         08/13/24           ND         0.0250         1         08/12/24         08/13/24           97.4 %         70-130         08/12/24         08/13/24           98.8 %         70-130         08/12/24         08/13/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/12/24         08/13/24           97.4 %         70-130         08/12/24         08/13/24           98.8 %         70-130         08/12/24         08/13/24           105 %         70-130         08/12/24         08/13/24           105 %         70</td>	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24         08/13/24           ND         0.0500         1         08/12/24         08/13/24           ND         0.0250         1         08/12/24         08/13/24           ND         0.0250         1         08/12/24         08/13/24           97.4 %         70-130         08/12/24         08/13/24           98.8 %         70-130         08/12/24         08/13/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/12/24         08/13/24           97.4 %         70-130         08/12/24         08/13/24           98.8 %         70-130         08/12/24         08/13/24           105 %         70-130         08/12/24         08/13/24           105 %         70	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS04-0.5' E408112-04

		2100112 01					
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2433015	
Benzene	ND	0.0250	1	08/12/24	08/13/24		
Ethylbenzene	ND	0.0250	1	08/12/24	08/13/24		
Toluene	ND	0.0250	1	08/12/24	08/13/24		
o-Xylene	ND	0.0250	1	08/12/24	08/13/24		
p,m-Xylene	ND	0.0500	1	08/12/24	08/13/24		
Total Xylenes	ND	0.0250	1	08/12/24	08/13/24		
Surrogate: Bromofluorobenzene		97.6 %	70-130	08/12/24	08/13/24		
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08/12/24	08/13/24		
Surrogate: Toluene-d8		105 %	70-130	08/12/24	08/13/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2433015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/24	08/13/24		
Surrogate: Bromofluorobenzene		97.6 %	70-130	08/12/24	08/13/24		
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	08/12/24	08/13/24		
Surrogate: Toluene-d8		105 %	70-130	08/12/24	08/13/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2433013	
Diesel Range Organics (C10-C28)	287	25.0	1	08/12/24	08/12/24		
Oil Range Organics (C28-C36)	112	50.0	1	08/12/24	08/12/24		
Surrogate: n-Nonane		112 %	50-200	08/12/24	08/12/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM		Batch: 2433024	
Chloride	765	20.0	1	08/12/24	08/13/24		

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS05-0.5' E408112-05

		2.00112 00					
Analyte	Result	Reporting Limit	Dilut	tion Prep	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2433015
Benzene	ND	0.0250	1	08/1	2/24	08/13/24	
Ethylbenzene	ND	0.0250	1	08/1	2/24	08/13/24	
Toluene	ND	0.0250	1	08/1	2/24	08/13/24	
o-Xylene	ND	0.0250	1	08/1	2/24	08/13/24	
p,m-Xylene	ND	0.0500	1	08/1	2/24	08/13/24	
Total Xylenes	ND	0.0250	1	08/1	2/24	08/13/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130	08/1	2/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	08/1	2/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/1	2/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2433015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/1	2/24	08/13/24	
Surrogate: Bromofluorobenzene		99.3 %	70-130	08/1	2/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	08/1	2/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/1	2/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2433013
Diesel Range Organics (C10-C28)	ND	25.0	1	08/1	2/24	08/12/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	08/1	2/24	08/12/24	
Surrogate: n-Nonane		111 %	50-200	08/1	2/24	08/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM			Batch: 2433024
Chloride	1300	20.0	1	08/1	2/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS06-0.5' E408112-06

		Reporting			_		
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2433015
Benzene	ND	0.0250	1	08	/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	08	/12/24	08/13/24	
Toluene	ND	0.0250	1	08	/12/24	08/13/24	
o-Xylene	ND	0.0250	1	08	/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	08	/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	08	/12/24	08/13/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130	08	/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	08	/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08	/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2433015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08	/12/24	08/13/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130	08	/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	08	/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08	/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: NV			Batch: 2433013
Diesel Range Organics (C10-C28)	178	25.0	1	08	/12/24	08/12/24	
Oil Range Organics (C28-C36)	66.0	50.0	1	08	/12/24	08/12/24	
Surrogate: n-Nonane		111 %	50-200	08	/12/24	08/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: JM			Batch: 2433024
Chloride	1350	20.0	1	08	/12/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS07-0.5' E408112-07

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2433015
Benzene	ND	0.0250	1	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	08/12/24	08/13/24	
Toluene	ND	0.0250	1	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		104 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS	Batch: 2433015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		98.6 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		104 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: NV		Batch: 2433013
Diesel Range Organics (C10-C28)	540	25.0	1	08/12/24	08/12/24	
Oil Range Organics (C28-C36)	170	50.0	1	08/12/24	08/12/24	
Surrogate: n-Nonane		113 %	50-200	08/12/24	08/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: JM		Batch: 2433024
Chloride	1520	20.0	1	08/12/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS08-0.5' E408112-08

		E:00112 00					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RK	S		Batch: 2433015
Benzene	ND	0.0250	1		08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1		08/12/24	08/13/24	
Toluene	ND	0.0250	1		08/12/24	08/13/24	
o-Xylene	ND	0.0250	1		08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1		08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1		08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		96.3 %	70-130		08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		08/12/24	08/13/24	
Surrogate: Toluene-d8		106 %	70-130		08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RK	S		Batch: 2433015
Gasoline Range Organics (C6-C10)	ND	20.0	1		08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		96.3 %	70-130		08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130		08/12/24	08/13/24	
Surrogate: Toluene-d8		106 %	70-130		08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: NV			Batch: 2433013
Diesel Range Organics (C10-C28)	43.8	25.0	1		08/12/24	08/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1		08/12/24	08/12/24	
Surrogate: n-Nonane		114 %	50-200		08/12/24	08/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: JM			Batch: 2433024
Chloride	1440	20.0	1		08/12/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS09-0.5' E408112-09

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2433015
Benzene	ND	0.0250	1	1	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	1	08/12/24	08/13/24	
Toluene	ND	0.0250	1	1	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	1	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	1	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		97.4 %	70-130		08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		08/12/24	08/13/24	
Surrogate: Toluene-d8		106 %	70-130		08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: 1	RKS		Batch: 2433015
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		97.4 %	70-130		08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		08/12/24	08/13/24	
Surrogate: Toluene-d8		106 %	70-130		08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	NV		Batch: 2433013
Diesel Range Organics (C10-C28)	ND	25.0	1	1	08/12/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	08/12/24	08/13/24	
Surrogate: n-Nonane		112 %	50-200		08/12/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: .	JM		Batch: 2433024
Chloride	1060	20.0	1	1	08/12/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS10-0.5' E408112-10

		2.00112 10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: RKS	·	Batch: 2433015
Benzene	ND	0.0250	1	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	08/12/24	08/13/24	
Toluene	ND	0.0250	1	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		98.2 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2433015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		98.2 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2433013
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/24	08/13/24	
Surrogate: n-Nonane		114 %	50-200	08/12/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: JM		Batch: 2433024
Chloride	1290	20.0	1	08/12/24	08/13/24	_

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS11-0.5' E408112-11

		Reporting					
Analyte	Result	Limit	Dilut	tion 1	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS	S		Batch: 2433015
Benzene	ND	0.0250	1	(	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	(	08/12/24	08/13/24	
Toluene	ND	0.0250	1	(	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	(	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	(	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	(	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		98.2 %	70-130	(	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	(	08/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	(	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: RKS	S		Batch: 2433015
Gasoline Range Organics (C6-C10)	ND	20.0	1	(	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		98.2 %	70-130	(	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		91.1 %	70-130	(	08/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	(	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV			Batch: 2433013
Diesel Range Organics (C10-C28)	ND	25.0	1		08/12/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	(	08/12/24	08/13/24	
Surrogate: n-Nonane		113 %	50-200	(	08/12/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM			Batch: 2433024
Chloride	1860	40.0	2		08/12/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS12-0.5' E408112-12

		E 100112 12					
Analyte	Result	Reporting Limit	Dilut	tion Pre	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2433015
Benzene	ND	0.0250	1	08/	12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	08/	12/24	08/13/24	
Toluene	ND	0.0250	1	08/	12/24	08/13/24	
o-Xylene	ND	0.0250	1	08/	12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	08/	12/24	08/13/24	
Total Xylenes	ND	0.0250	1	08/	12/24	08/13/24	
Surrogate: Bromofluorobenzene		96.6 %	70-130	08/	12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	08/	12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/	12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2433015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/	12/24	08/13/24	
Surrogate: Bromofluorobenzene		96.6 %	70-130	08/	12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	08/	12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/	12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2433013
Diesel Range Organics (C10-C28)	ND	25.0	1	08/	12/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/	12/24	08/13/24	
Surrogate: n-Nonane		113 %	50-200	08/	12/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: JM			Batch: 2433024
Chloride	1800	40.0	2	08/	12/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS13-0.5' E408112-13

		E 100112 10					
Analyte	Result	Reporting Limit	Dilut	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2433015
Benzene	ND	0.0250	1	(	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	(	08/12/24	08/13/24	
Toluene	ND	0.0250	1	(	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	(	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	(	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	(	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130	C	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	C	08/12/24	08/13/24	
Surrogate: Toluene-d8		106 %	70-130	C	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2433015
Gasoline Range Organics (C6-C10)	ND	20.0	1	(	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130	C	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	· ·	08/12/24	08/13/24	
Surrogate: Toluene-d8		106 %	70-130	d	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2433013
Diesel Range Organics (C10-C28)	ND	25.0	1	(	08/12/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1		08/12/24	08/13/24	
Surrogate: n-Nonane		115 %	50-200		08/12/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM			Batch: 2433024
Chloride	1340	20.0	1	(	08/12/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS14-0.5' E408112-14

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: RKS		Batch: 2433015
Benzene	ND	0.0250	1	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	08/12/24	08/13/24	
Toluene	ND	0.0250	1	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: RKS	Batch: 2433015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		97.1 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.6 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	Analyst: NV		Batch: 2433013
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/24	08/13/24	
Surrogate: n-Nonane		112 %	50-200	08/12/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	А	Analyst: JM		Batch: 2433024
Chloride	2620	40.0	2		08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS15-0.5' E408112-15

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS		Batch: 2433015
Benzene	ND	0.0250	1	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	08/12/24	08/13/24	
Toluene	ND	0.0250	1	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		106 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS	Batch: 2433015	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		106 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: NV		Batch: 2433013
Diesel Range Organics (C10-C28)	428	25.0	1	08/12/24	08/13/24	
Oil Range Organics (C28-C36)	118	50.0	1	08/12/24	08/13/24	
Surrogate: n-Nonane		113 %	50-200	08/12/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM		Batch: 2433024
Chloride	2210	40.0	2	08/12/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS16-0.5' E408112-16

		E 100112 10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2433015
Benzene	ND	0.0250	1	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	08/12/24	08/13/24	
Toluene	ND	0.0250	1	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		103 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2433015
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		94.8 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		103 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2433013
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/24	08/13/24	
Surrogate: n-Nonane		111 %	50-200	08/12/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM		Batch: 2433024
Chloride	1700	40.0	2	08/12/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS17-0.5' E408112-17

Result	Reporting Limit		tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: I	RKS		Batch: 2433015
ND	0.0250	1		08/12/24	08/13/24	
ND	0.0250	1		08/12/24	08/13/24	
ND	0.0250	1		08/12/24	08/13/24	
ND	0.0250	1		08/12/24	08/13/24	
ND	0.0500	1		08/12/24	08/13/24	
ND	0.0250	1		08/12/24	08/13/24	
	98.2 %	70-130		08/12/24	08/13/24	
	97.9 %	70-130		08/12/24	08/13/24	
	104 %	70-130		08/12/24	08/13/24	
mg/kg	mg/kg	A	Analyst: I	RKS		Batch: 2433015
ND	20.0	1		08/12/24	08/13/24	
	98.2 %	70-130		08/12/24	08/13/24	
	97.9 %	70-130		08/12/24	08/13/24	
	104 %	70-130		08/12/24	08/13/24	
mg/kg	mg/kg	A	Analyst: 1	NV		Batch: 2433013
ND	25.0	1		08/12/24	08/13/24	
ND	50.0	1		08/12/24	08/13/24	
·	114 %	50-200		08/12/24	08/13/24	
mg/kg	mg/kg	A	Analyst: J	ΙΜ		Batch: 2433024
2540	40.0	2	!	08/12/24	08/13/24	
	mg/kg ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           98.2 %         97.9 %           104 %         mg/kg           ND         20.0           98.2 %         97.9 %           104 %         mg/kg           MD         25.0           ND         50.0           114 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           98.2 %         70-130           97.9 %         70-130           104 %         70-130           98.2 %         70-130           97.9 %         70-130           104 %         70-130           mg/kg         mg/kg           ND         25.0         1           ND         50.0         1           114 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst: 1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0500         1           ND         0.0250         1           98.2 %         70-130           97.9 %         70-130           104 %         70-130           mg/kg         mg/kg         Analyst: 1           97.9 %         70-130           104 %         70-130           mg/kg         mg/kg         Analyst: 1           ND         25.0         1           ND         50.0         1           114 %         50-200           mg/kg         mg/kg         Analyst: 1	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0500         1         08/12/24           ND         0.0250         1         08/12/24           98.2 %         70-130         08/12/24           97.9 %         70-130         08/12/24           104 %         70-130         08/12/24           98.2 %         70-130         08/12/24           97.9 %         70-130         08/12/24           97.9 %         70-130         08/12/24           104 %         70-130         08/12/24           104 %         70-130         08/12/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         08/12/24           ND         50.0         1         08/12/24           ND         50.0         1         08/12/24           Mg/kg <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24         08/13/24           ND         0.0500         1         08/12/24         08/13/24           ND         0.0250         1         08/12/24         08/13/24           98.2 %         70-130         08/12/24         08/13/24           97.9 %         70-130         08/12/24         08/13/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/12/24         08/13/24           97.9 %         70-130         08/12/24         08/13/24           97.9 %         70-130         08/12/24         08/13/24           97.9 %         70-130         08/12/24         08/13/24           mg/kg         mg/kg         Analyst: NV           ND         50.0         1         08/</td>	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24         08/13/24           ND         0.0500         1         08/12/24         08/13/24           ND         0.0250         1         08/12/24         08/13/24           98.2 %         70-130         08/12/24         08/13/24           97.9 %         70-130         08/12/24         08/13/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/12/24         08/13/24           97.9 %         70-130         08/12/24         08/13/24           97.9 %         70-130         08/12/24         08/13/24           97.9 %         70-130         08/12/24         08/13/24           mg/kg         mg/kg         Analyst: NV           ND         50.0         1         08/



Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS18-0.5' E408112-18

		E 100112 10					
Analyte	Result	Reporting Limit	Dilut	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2433015
Benzene	ND	0.0250	1	. (	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	. (	08/12/24	08/13/24	
Toluene	ND	0.0250	1	. (	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	. (	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	. (	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	. (	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130	C	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	C	08/12/24	08/13/24	
Surrogate: Toluene-d8		103 %	70-130	d	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2433015
Gasoline Range Organics (C6-C10)	ND	20.0	1	. (	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130	C	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	· ·	08/12/24	08/13/24	
Surrogate: Toluene-d8		103 %	70-130	d	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2433013
Diesel Range Organics (C10-C28)	ND	25.0	1	. (	08/12/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	. (	08/12/24	08/13/24	
Surrogate: n-Nonane		113 %	50-200		08/12/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM			Batch: 2433024
Chloride	1360	20.0	1	. (	08/12/24	08/13/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS22-0.5' E408112-19

Result	Reporting Limit		tion	Prepared	Analyzed	Notes
mg/kg	mg/kg	A	Analyst: RKS			Batch: 2433015
ND	0.0250	1		08/12/24	08/13/24	
ND	0.0250	1		08/12/24	08/13/24	
ND	0.0250	1		08/12/24	08/13/24	
ND	0.0250	1		08/12/24	08/13/24	
ND	0.0500	1		08/12/24	08/13/24	
ND	0.0250	1		08/12/24	08/13/24	
	97.0 %	70-130		08/12/24	08/13/24	
	96.8 %	70-130		08/12/24	08/13/24	
	103 %	70-130		08/12/24	08/13/24	
mg/kg	mg/kg	mg/kg Analyst: RKS		Batch: 2433015		
ND	20.0	1		08/12/24	08/13/24	
	97.0 %	70-130		08/12/24	08/13/24	
	96.8 %	70-130		08/12/24	08/13/24	
	103 %	70-130		08/12/24	08/13/24	
mg/kg	mg/kg	A	Analyst: N	V		Batch: 2433013
ND	25.0	1		08/12/24	08/13/24	
ND	50.0	1		08/12/24	08/13/24	
	112 %	50-200		08/12/24	08/13/24	
mg/kg	mg/kg	A	Analyst: JN	М		Batch: 2433024
1920	40.0	2		08/12/24	08/13/24	
	mg/kg ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           97.0 %         96.8 %           103 %         mg/kg           ND         20.0           97.0 %         96.8 %           103 %         mg/kg           MD         25.0           ND         50.0           112 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         70-130           96.8 %         70-130           103 %         70-130           mg/kg         mg/kg           ND         20.0         1           97.0 %         70-130           96.8 %         70-130           103 %         70-130           mg/kg         mg/kg           ND         25.0         1           ND         50.0         1           112 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst: R           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0500         1           ND         0.0250         1           97.0 %         70-130           96.8 %         70-130           103 %         70-130           mg/kg         mg/kg         Analyst: R           ND         20.0         1           96.8 %         70-130         70-130           mg/kg         mg/kg         Analyst: N           ND         25.0         1           ND         50.0         1           112 %         50-200           mg/kg         Analyst: N	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0500         1         08/12/24           ND         0.0250         1         08/12/24           97.0%         70-130         08/12/24           96.8%         70-130         08/12/24           103%         70-130         08/12/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/12/24           96.8%         70-130         08/12/24           96.8%         70-130         08/12/24           103%         70-130         08/12/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         08/12/24           ND         50.0         1         08/12/24           ND         50.0         1         08/12/24 <td< td=""><td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24         08/13/24           ND         0.0500         1         08/12/24         08/13/24           ND         0.0250         1         08/12/24         08/13/24           ND         0.0250         1         08/12/24         08/13/24           97.0 %         70-130         08/12/24         08/13/24           96.8 %         70-130         08/12/24         08/13/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/12/24         08/13/24           96.8 %         70-130         08/12/24         08/13/24           96.8 %         70-130         08/12/24         08/13/24           96.8 %         70-130         08/12/24         08/13/24           96.8 %</td></td<>	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24         08/13/24           ND         0.0500         1         08/12/24         08/13/24           ND         0.0250         1         08/12/24         08/13/24           ND         0.0250         1         08/12/24         08/13/24           97.0 %         70-130         08/12/24         08/13/24           96.8 %         70-130         08/12/24         08/13/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/12/24         08/13/24           96.8 %         70-130         08/12/24         08/13/24           96.8 %         70-130         08/12/24         08/13/24           96.8 %         70-130         08/12/24         08/13/24           96.8 %

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS23-0.5' E408112-20

Result	Reporting Limit		ition	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst: RKS		<u> </u>	Batch: 2433015
ND	0.0250	1	[	08/12/24	08/14/24	
ND	0.0250	1	l	08/12/24	08/14/24	
ND	0.0250	1	l	08/12/24	08/14/24	
ND	0.0250	1	l	08/12/24	08/14/24	
ND	0.0500	1	l	08/12/24	08/14/24	
ND	0.0250	1	1	08/12/24	08/14/24	
	98.0 %	70-130		08/12/24	08/14/24	
	100 %	70-130		08/12/24	08/14/24	
	103 %	70-130		08/12/24	08/14/24	
mg/kg	mg/kg	g Analyst: RKS		Batch: 2433015		
ND	20.0	1	l	08/12/24	08/14/24	
	98.0 %	70-130		08/12/24	08/14/24	
	100 %	70-130		08/12/24	08/14/24	
	103 %	70-130		08/12/24	08/14/24	
mg/kg	mg/kg	Analyst: NV		Batch: 2433013		
ND	25.0	1		08/12/24	08/13/24	
ND	50.0	1	1	08/12/24	08/13/24	
	113 %	50-200		08/12/24	08/13/24	
mg/kg	mg/kg		Analyst:	JM		Batch: 2433024
1840	40.0	2	2	08/12/24	08/13/24	
	mg/kg ND Mg/kg ND Mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         0.0250           MD         100%           100%         103%           mg/kg         mg/kg           ND         20.0           mg/kg         mg/kg           ND         25.0           ND         50.0           113 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           98.0 %         70-130           100 %         70-130           103 %         70-130           mg/kg         mg/kg           ND         20.0           98.0 %         70-130           103 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           113 %         50-200           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           98.0 %         70-130           100 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           98.0 %         70-130         1           100 %         70-130         1           mg/kg         mg/kg         Analyst:           ND         25.0         1           ND         50.0         1           113 %         50-200           mg/kg         Mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0500         1         08/12/24           ND         0.0250         1         08/12/24           ND         0.0250         1         08/12/24           100 %         70-130         08/12/24           100 %         70-130         08/12/24           103 %         70-130         08/12/24           100 %         70-130         08/12/24           100 %         70-130         08/12/24           103 %         70-130         08/12/24           103 %         70-130         08/12/24           103 %         70-130         08/12/24           103 %         70-130         08/12/24           103 %         70-130         08/12/24           ND         25.0         1         08/12/24           ND         50.0 <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24         08/14/24           ND         0.0500         1         08/12/24         08/14/24           ND         0.0250         1         08/12/24         08/14/24           ND         0.0250         1         08/12/24         08/14/24           100 %         70-130         08/12/24         08/14/24           100 %         70-130         08/12/24         08/14/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/12/24         08/14/24           100 %         70-130         08/12/24         08/14/24           103 %         70-130         08/12/24         08/14/24           103 %         70-130         08/12/24         08/14/24           103 %         70-130</td>	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/12/24         08/14/24           ND         0.0500         1         08/12/24         08/14/24           ND         0.0250         1         08/12/24         08/14/24           ND         0.0250         1         08/12/24         08/14/24           100 %         70-130         08/12/24         08/14/24           100 %         70-130         08/12/24         08/14/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/12/24         08/14/24           100 %         70-130         08/12/24         08/14/24           103 %         70-130         08/12/24         08/14/24           103 %         70-130         08/12/24         08/14/24           103 %         70-130

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS24-0.5' E408112-21

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2433016
Benzene	ND	0.0250	1	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	08/12/24	08/13/24	
Toluene	ND	0.0250	1	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		97.4 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2433016
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		97.4 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2433014
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/24	08/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/24	08/12/24	
Surrogate: n-Nonane		96.8 %	50-200	08/12/24	08/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2433017
Chloride	1540	20.0	1	08/12/24	08/12/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

### FS25-0.5' E408112-22

		E 100112 22				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2433016
Benzene	ND	0.0250	1	08/12/24	08/13/24	
Ethylbenzene	ND	0.0250	1	08/12/24	08/13/24	
Toluene	ND	0.0250	1	08/12/24	08/13/24	
o-Xylene	ND	0.0250	1	08/12/24	08/13/24	
p,m-Xylene	ND	0.0500	1	08/12/24	08/13/24	
Total Xylenes	ND	0.0250	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		95.1 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2433016
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/12/24	08/13/24	
Surrogate: Bromofluorobenzene		95.1 %	70-130	08/12/24	08/13/24	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	08/12/24	08/13/24	
Surrogate: Toluene-d8		105 %	70-130	08/12/24	08/13/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2433014
Diesel Range Organics (C10-C28)	ND	25.0	1	08/12/24	08/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/12/24	08/12/24	
Surrogate: n-Nonane		89.9 %	50-200	08/12/24	08/12/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: WF		Batch: 2433017
Chloride	750	20.0	1	08/12/24	08/12/24	

Devon Energy - Carlsbad Project Name: Rebel 20 Federal 6Y Reported:
6488 7 Rivers Hwy Project Number: 01058-0007
Artesia NM, 88210 Project Manager: Ashley Giovengo 8/16/2024 11:08:21AM

Volatile Organic Compounds by EPA 8260B Analyst: RKS

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			8/16	6/2024 11:08:21AI	
	V	olatile Organ	ic Compo	unds by EI	PA 82601	В		Analyst: RKS		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2433015-BLK1)							Prepared: 08	8/12/24 Analy	zed: 08/13/24	
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	0.493		0.500		98.6	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130				
Surrogate: Toluene-d8	0.527		0.500		105	70-130				
LCS (2433015-BS1)							Prepared: 08	8/12/24 Analy	zed: 08/13/24	
Benzene	2.45	0.0250	2.50		97.9	70-130				
Ethylbenzene	2.53	0.0250	2.50		101	70-130				
Toluene	2.53	0.0250	2.50		101	70-130				
o-Xylene	2.48	0.0250	2.50		99.1	70-130				
p,m-Xylene	4.97	0.0500	5.00		99.3	70-130				
Total Xylenes	7.44	0.0250	7.50		99.3	70-130				
Surrogate: Bromofluorobenzene	0.485	0.0220	0.500		97.0	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.2	70-130				
Surrogate: Toluene-d8	0.510		0.500		102	70-130				
Matrix Spike (2433015-MS1)				Source:	E408112-0	09	Prepared: 08	8/12/24 Analy	zed: 08/13/24	
Benzene	2.27	0.0250	2.50	ND	90.7	48-131	1 .	- ,		
Ethylbenzene	2.37	0.0250	2.50	ND	94.6	45-135				
Toluene	2.35	0.0250	2.50	ND	93.9	48-130				
o-Xylene	2.26	0.0250	2.50	ND	90.3	43-135				
p,m-Xylene	4.53	0.0500	5.00	ND	90.6	43-135				
Total Xylenes	6.79	0.0250	7.50	ND	90.5	43-135				
Surrogate: Bromofluorobenzene	0.483	0.0230	0.500		96.5	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130				
Surrogate: Toluene-d8	0.517		0.500		103	70-130				
Matrix Spike Dup (2433015-MSD1)				Source:	E408112-0	09	Prepared: 08	8/12/24 Analy	zed: 08/13/24	
Benzene	2.26	0.0250	2.50	ND	90.4	48-131	0.375	23		
Ethylbenzene	2.38	0.0250	2.50	ND	95.1	45-135	0.443	27		
Toluene	2.39	0.0250	2.50	ND	95.5	48-130	1.71	24		
o-Xylene	2.32	0.0250	2.50	ND	92.7	43-135	2.58	27		
p,m-Xylene	4.65	0.0500	5.00	ND	93.0	43-135	2.59	27		
Total Xylenes	6.97	0.0250	7.50	ND	92.9	43-135	2.59	27		
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130				
			0.500		10.	70 100				

0.500

104

70-130

0.519

Surrogate: Toluene-d8

Devon Energy - Carlsbad Rebel 20 Federal 6Y Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 8/16/2024 11:08:21AM **Volatile Organic Compounds by EPA 8260B** Analyst: IY Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2433016-BLK1) Prepared: 08/12/24 Analyzed: 08/12/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.481 0.500 96.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.498 0.500 99.5 70-130 0.500 105 70-130 Surrogate: Toluene-d8 0.524 LCS (2433016-BS1) Prepared: 08/12/24 Analyzed: 08/12/24 2.45 0.0250 2.50 98.2 70-130 Benzene 2.50 100 70-130 2.51 Ethylbenzene 0.0250 2.52 0.0250 2.50 101 70-130 70-130 2.41 0.0250 2.50 96.5 o-Xylene 4.82 5.00 96.4 70-130 p,m-Xylene 0.0500 7.23 0.0250 7.50 96.5 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.487 0.500 97.3 70-130 0.500 97.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.486 70-130 Surrogate: Toluene-d8 0.521 0.500 Matrix Spike (2433016-MS1) Source: E408112-21 Prepared: 08/12/24 Analyzed: 08/13/24 48-131 2.51 0.0250 2.50 ND ND 45-135 Ethylbenzene 2.50 0.0250 2.50 100 ND 48-130 Toluene 2.54 0.0250 2.50 101

2.44

4.87

7.31

0.491

0.516

0.515

2.45

2.53

2.43

4.90

7.34

0.484

0.510

0.523

0.0250

0.0500

0.0250

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

2.50

5.00

7.50

0.500

0.500

0.500

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

ND

ND

ND

ND

ND

ND

ND

ND

ND

97.6

97.3

97.4

98.2

103

103

98.1

101

97.4

98.0

97.8

96.8

102

105

Source: E408112-21

43-135

43-135

43-135

70-130

70-130

70-130

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

2.40

0.461

0.0592

0.185

0.696

0.403

Prepared: 08/12/24 Analyzed: 08/13/24

23

27

24

27

27

27

o-Xylene

p,m-Xylene

Total Xylenes

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2433016-MSD1)

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

## **QC Summary Data**

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6YReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

Artesia NM, 88210		Project Number Project Manage		shley Giovens	70			8/14	5/2024 11:08:21Al
Artesia Nivi, 60210		Froject Manage	1. A:	silicy Glovelig				0/10	72024 11:00:21A
	Non	halogenated	Organics	by EPA 80	15D - G	RO		A	analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433015-BLK1)							Prepared: 0	8/12/24 Analy	zed: 08/13/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.493		0.500		98.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			
LCS (2433015-BS2)							Prepared: 0	8/12/24 Analy	zed: 08/13/24
Gasoline Range Organics (C6-C10)	51.5	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
Matrix Spike (2433015-MS2)				Source:	E408112-	09	Prepared: 0	8/12/24 Analy	zed: 08/13/24
Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.4	70-130			
Surrogate: Bromofluorobenzene	0.492		0.500		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			
Matrix Spike Dup (2433015-MSD2)				Source:	E408112-	09	Prepared: 0	8/12/24 Analy	zed: 08/13/24
Gasoline Range Organics (C6-C10)	48.5	20.0	50.0	ND	97.1	70-130	4.93	20	

0.500

0.500

0.500

0.505

0.478

0.522

101

95.6

104

70-130

70-130

70-130



Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6YReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo8/16/2024 11:08:21AM

Nonhalogenated	<b>Organics</b>	by EPA	8015D - GRO
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Analyst: IY

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

	Result	esuit Liint	Level		Result	Rec	Lillius	ICI D	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2433016-BLK1)							Prepared: 0	8/12/24	Analyzed: 08/12/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: Bromofluorobenzene	0.481		0.500		96.2	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130				
Surrogate: Toluene-d8	0.524		0.500		105	70-130				
LCS (2433016-BS2)							Prepared: 0	8/12/24	Analyzed: 08/13/24	
Gasoline Range Organics (C6-C10)	51.0	20.0	50.0		102	70-130				
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130				
Surrogate: Toluene-d8	0.539		0.500		108	70-130				
Matrix Spike (2433016-MS2)				Source:	E408112-2	21	Prepared: 0	8/12/24	Analyzed: 08/13/24	
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0	ND	103	70-130				
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130				
Surrogate: Toluene-d8	0.534		0.500		107	70-130				
Matrix Spike Dup (2433016-MSD2)				Source: E40811		21	Prepared: 0	08/12/24 Analyzed: 08/13/2		
Gasoline Range Organics (C6-C10)	50.3	20.0	50.0	ND	101	70-130	2.60	20		
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130				
Surrogate: 1,2-Dichloroethane-d4			0.500		101	70 120				
Surrogate. 1,2-Dichtoroethane-a4	0.506		0.500		101	70-130				



Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Rebel 20 Federal 6Y 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 11:08:21AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			8/	16/2024 11:08:21AN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433013-BLK1)							Prepared: 0	8/12/24 Ana	lyzed: 08/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	52.2		50.0		104	50-200			
LCS (2433013-BS1)							Prepared: 0	8/12/24 Ana	lyzed: 08/12/24
Diesel Range Organics (C10-C28)	259	25.0	250		104	38-132			
urrogate: n-Nonane	55.3		50.0		111	50-200			
Matrix Spike (2433013-MS1)				Source:	E408112-0	02	Prepared: 08/12/24 Analyzed: 08/12/24		
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	38-132			
urrogate: n-Nonane	55.7		50.0		111	50-200			
Matrix Spike Dup (2433013-MSD1)				Source:	E408112-0	02	Prepared: 0	8/12/24 Ana	lyzed: 08/12/24
Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	38-132	8.01	20	
urrogate: n-Nonane	62.0		50.0		124	50-200			



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 11:08:21AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			8/	/16/2024 11:08:21AN
	Nonha	logenated Or	ganics by	EPA 80151	D - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433014-BLK1)							Prepared: 0	8/12/24 Ana	alyzed: 08/12/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.4		50.0		96.7	50-200			
LCS (2433014-BS1)							Prepared: 0	8/12/24 Ana	alyzed: 08/12/24
Diesel Range Organics (C10-C28)	238	25.0	250		95.3	38-132			
Surrogate: n-Nonane	46.4		50.0		92.8	50-200			
Matrix Spike (2433014-MS1)				Source:	E408110-	02	Prepared: 0	8/12/24 Ana	alyzed: 08/13/24
Diesel Range Organics (C10-C28)	320	25.0	250	89.3	92.2	38-132			
Surrogate: n-Nonane	50.3		50.0		101	50-200			
Matrix Spike Dup (2433014-MSD1)				Source:	E408110-	02	Prepared: 0	8/12/24 Ana	alyzed: 08/13/24
Diesel Range Organics (C10-C28)	318	25.0	250	89.3	91.6	38-132	0.455	20	
Surrogate: n-Nonane	47.9		50.0		95.8	50-200			

Chloride

# **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Rebel 20 Federal 6Y 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 11:08:21AM

Artesia IVIVI, 80210		1 Toject Wianage	i. As	sincy Gloveng	30				0/10/2021 11:00:2171			
Anions by EPA 300.0/9056A Analyst: WF												
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %				
Blank (2433017-BLK1)							Prepared: 0	Prepared: 08/12/24 Analyzed: 08/12/24				
Chloride	ND	20.0										
LCS (2433017-BS1)							Prepared: 0	8/12/24	Analyzed: 08/12/24			
Chloride	251	20.0	250		100	90-110						
Matrix Spike (2433017-MS1)				Source:	E408110-0	01	Prepared: 0	8/12/24	Analyzed: 08/12/24			
Chloride	642	20.0	250	372	108	80-120						
Matrix Spike Dup (2433017-MSD1)				Source:	E408110-0	01	Prepared: 0	8/12/24	Analyzed: 08/12/24			

250

372

80-120

1.78

20.0



D D G 11 1				1 120 5 1	1.677				
Devon Energy - Carlsbad		Project Name:		ebel 20 Feder	ai 6Y				Reported:
6488 7 Rivers Hwy		Project Number:		1058-0007					
Artesia NM, 88210		Project Manager:	: A	shley Gioven	go				8/16/2024 11:08:21AN
		Anions	by EPA 3	300.0/9056	A				Analyst: JM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433024-BLK1)							Prepared: 0	8/12/24 A	nalyzed: 08/13/24
Chloride	ND	20.0							
LCS (2433024-BS1)							Prepared: 0	8/12/24 A	nalyzed: 08/13/24
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2433024-MS1)				Source:	E408112-	02	Prepared: 0	8/12/24 A	nalyzed: 08/13/24
Chloride	2330	40.0	250	2030	122	80-120			M4
Matrix Spike Dup (2433024-MSD1)				Source:	E408112-	02	Prepared: 0	8/12/24 A	nalyzed: 08/13/24
Chloride	2450	40.0	250	2030	168	80-120	4.76	20	M4

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
1	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/16/24 11:08

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page	of	
11.300		

	Clie	Invoice Information	Lab U						nly				TA	T		State					
Client:	Devon				Co	ompany: Devon		La	ab W	O#		Jol	o Nun	nber		1D	2D	3D Sto	I NM	CO UT	TX
Project:	Rebel 20 Fed	leral 6Y			Ac	dress: 205 E Bender Road #15	0	E	40	186	12	0	058	5-0C	FO			x	х		
Project	Manager: Ash	nley Giove	engo		Cit	ty, State, Zip: Hobbs NM, 8824	0			1150											
Address	3122 Nation	nal Parks	Hwy		Ph	one: (575)748-1838						Α	nalysi	s and	Met	hod			E	PA Prograi	m
	te, Zip: Carlsl				Er	mail: dale.woodall@dvn.com	1												SDWA	CWA	RCRA
Phone:	575-988-005	5			Miss	cellaneous: Dale Woodall															
Email: a	giovengo@ei	nsolum.co	om							8015	12								Complian	ce Y	or N
2										y 80	y 8015		0.0	-	×	als			PWSID#		
				Samı	ole Informatio	on				RO b	RO b	826	e 300	Z	1- SOC	Met					
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	er	DRO/ORO	GRO/DRO by	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
9:23	8/8/2024	S	1			FS01 - 2'		1						х							
9:26	8/8/2024	S	1			FS02 - 0.5'		2						x							
9:23	8/8/2024	S	1			FS03 - 0.5'		3						х							
9:28	8/8/2024	S	1			FS04 - 0.5'	1	4						х							
9:30	8/8/2024	S	1			FS05 - 0.5'		5						х							
9:32	8/8/2024	S	1			FS06 - 0.5'		9						х							
9:39	8/8/2024	S	1			FS07 - 0.5'		٦						х							
9:36	8/8/2024	S	1			FS08 - 0.5'		8						х							
9:42	8/8/2024	S	1			FS09 - 0.5'		9						х							
9:40	8/8/2024	S	1			FS10 - 0.5'		10						x							
Additio	nal Instruction	ns: Plea	se CC: cbu	ırton@en	solum.com, a	giovengo@ensolum.com, dale	.wood	all@dv	n.co	m, ie	strell	a@ei	nsolu	m.cor	m, bd	leal@	enso	lum.cor	n,		
chamilt	on@ensolum	.com. bsi	mmons@	ensolum.	com																
Strategies and		validity and	d authenticity	of this sample	e. I am aware that	tampering with or intentionally mislabelin	g the sam	iple locati	ion, da	te or ti	ime of	ollection	on is co	nsidere	d fraud	and m	ay be gi	ounds for	legal action.		
	: _Cole Burton		TZ .			Ta	In .		l <sub>r</sub>			_		Icama	las praci	fata a stra	and a	anninting m	nust be received	on iso the days	house
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						rrangements are made. Hazardous sar													the analysis	of the above	samples is
						e liability of the laboratory is limited to															- Company 19



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						Chain	of Cust	ody											Pag	e 2_ of
	Clie	nt Inform	nation			Invoice Information	n			La	b Use	e Onl	v			TA	AT		Stat	te
	evon Rebel 20 Fed	eral 6Y				Company: Devon Address: 205 E Bender Road i	#150	_ Lab	WO#	113		Job N	Jumb	5000 Ser	7 11	2D	3D Std	NN <sub>X</sub>	1 CO UT	te T TX TX RCRA Or N
Address:	Manager: Ash 3122 Nation e, Zip: Carlst	al Parks	Hwy			City, State, Zip: Hobbs NM, 88 Phone: (575)748-1838 Email: dale.woodall@dvn.ce						Ana	lysis a	nd N	letho			SDWA	PA Progr	ram I RCRA
Phone: 5	575-988-0055 giovengo@er					iscellaneous: Dale Woodall	OIII		015	015								Complia	nce Y	or N
				Sami	ole Informat	ion			5 yq C	S yd C	8021	260	300.0	NN	XI - S			PWSID #	f	
Time Sampled	Date Sampled	Matrix	No. of Containers	Julia	ne morma	Sample ID	Field	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX				Remark	S
9:39	8/8/2024	S	1			FS11 - 0.5'		11						х						
9:37	8/8/2024	S	1			FS12 - 0.5'		12						х						
10:21	8/8/2024	S	1			FS13 - 0.5'		13						х						
10:20	8/8/2024	S	1			FS14 - 0.5'		14						х						
10:18	8/8/2024	S	1			FS15 - 0.5'		15						х						
10:17	8/8/2024	S	1			FS16 - 0.5'		16						х						
10:16	8/8/2024	S	1			FS17 - 0.5'		17						х						
10:23	8/8/2024	S	1			FS18 - 0.5'		18						х						
10:27	8/8/2024	S	1			FS22 - 0.5'		19						х						
10:29	8/8/2024	S	1			FS23 - 0.5'		20						х						
chamilto	n@ensolum.	com. bsi	mmons@e	ensolum.	com	agiovengo@ensolum.com, o											0.100			
	_Cole Burton		Inata		Time	Detained the (Glanatura)	₿ Date		Time		-		I	amnles	equiring	thermal nr	reservation m	ust he receive	d on ice the da	v they are
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Mic	by: (Signature	mente		9.24	1540	Received by: (Signature)	Date	8-9-	+1	03	7			Recei	ed o	ice:	Y/ N	Ise Only		
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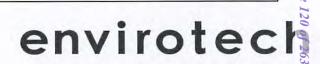
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Cl:-	- 4	C	.1.
Chain	OT	Custo	a

	Clie	nt Inform	nation				In	voice Info	rmation					La	b Us	e On	ly				TA	T	1		State	
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	3122 Nation					Phor	ne: (575)	748-1838			_					Ana	lysis	and	Met	hod				EPA Pr		
	e, Zip: Carlsh		88220			Ema	ail: dale	.woodall@	dvn.com															SDWA CV	VA	RCRA
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sa	ample ID			Field	Lab Numb		DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Kem	iarks	
10:30	8/8/2024	S	1			FS	524 - 0.5'				21							x								
10:31	8/8/2024	S	1			FS	525 - 0.5'				23	2						х								
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hamilto	n@ensolum	.com. bsi	mmons@	ensolum	.com	- NA - N	7																			
	oler), attest to the _Cole Burton	validity and	authenticity	of this samp	le. I am awar	e that ta	mpering with	n or intentiona	ally mislabeling	the sam	ple locat	ion, c	late or	time o	of colle	ection	is cons	idered	fraud	and m	ay be g	rounds fo	or leg	gal action.		
elinguish	ed by: (Signature	e)	Date 8	9/24	Time 7:3	0	eceived by:	(Signature)	ongales	Date 8	9-24		Time	30					C about the					t be received on ice to emp above 0 but less		
	ed by: (Signature		Date 8	924	Time 1540	> R	eceived by:	(Signature)	/	Date	-9-	24	Time	33	7			Rece	eived	l on i	ce:	Lab (Y)/		e Only		
elinguish	ed by: (Signature	e) 9	Date 8-	9-24	Time 3	17	eceived by:	(Signature)		Date:	12/2	4	Time	15	,			T1				T2		<u>T3</u>		
elinquish	ed by: (Signature	e)	Date		Time	R	eceived	(Signature)		Date	-1-		Time					AVG	Ten	np °C	(	+				
ample Mat	rix: S - Soil, Sd - So	olid, Sg - Slu	dge, A - Aque	ous, O - Othe	er	-				Cont	ainer T	ype	g - g	lass,	<b>p</b> - po	oly/pl	astic	ag -	ambe	er glas	SS, V -	VOA	T			

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.





Printed: 8/12/2024 8:49:19AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/12/24	08:15		Work Order ID:	E408112
Phone:	(505) 382-1211	Date Logged In:	08/12/24	08:45		Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com	Due Date:		17:00 (4 day TAT)		88	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location mat	ch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	_			
5. Were a	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic					Comments	s/Resolution
Sample T	Turn Around Time (TAT)						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
	, were custody/security seals intact?		NA				
•	e sample received on ice? If yes, the recorded temp is 4°C,	ie 6°+2°C	Yes				
12. Was th	Note: Thermal preservation is not required, if samples are minutes of sampling		105				
13. If no	visible ice, record the temperature.   Actual sample	temperature: 4°0	<u>C</u>				
Sample C	<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containers?	•	Yes				
19. Is the	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Lal	<u>bel</u>						
20. Were	field sample labels filled out with the minimum info	rmation:					
S	ample ID?		Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
	Preservation						
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	se?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborator	v?	No				
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	o: NA		
Chent II	<u>istruction</u>						

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Devon Energy - Carlsbad

Project Name: Rebel 20 Federal 6Y

Work Order: E408116

Job Number: 01058-0007

Received: 8/13/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/16/24

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

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

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

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

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

Date Reported: 8/16/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Rebel 20 Federal 6Y

Workorder: E408116

Date Received: 8/13/2024 9:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/13/2024 9:00:00AM, under the Project Name: Rebel 20 Federal 6Y.

The analytical test results summarized in this report with the Project Name: Rebel 20 Federal 6Y apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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## Sample Summary

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/16/24 14:19

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS27-0.5'	E408116-01A	Soil	08/09/24	08/13/24	Glass Jar, 2 oz.
FS28-0.5'	E408116-02A	Soil	08/09/24	08/13/24	Glass Jar, 2 oz.
FS28-0.5'	E408116-03A	Soil	08/09/24	08/13/24	Glass Jar, 2 oz.
FS19-1'	E408116-04A	Soil	08/09/24	08/13/24	Glass Jar, 2 oz.
FS21-1'	E408116-05A	Soil	08/09/24	08/13/24	Glass Jar, 2 oz.
FS20-2.5	E408116-06A	Soil	08/09/24	08/13/24	Glass Jar, 2 oz.
SW01-0-2.5	E408116-07A	Soil	08/09/24	08/13/24	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 2:19:42PM

#### FS27-0.5' E408116-01

		E408110-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2433039
Benzene	ND	0.0250	1	08/13/24	08/14/24	
Ethylbenzene	ND	0.0250	1	08/13/24	08/14/24	
Toluene	ND	0.0250	1	08/13/24	08/14/24	
o-Xylene	ND	0.0250	1	08/13/24	08/14/24	
o,m-Xylene	ND	0.0500	1	08/13/24	08/14/24	
Total Xylenes	ND	0.0250	1	08/13/24	08/14/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Analyst: CG		Batch: 2433039
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/24	08/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2433043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/24	08/13/24	
Surrogate: n-Nonane		107 %	50-200	08/13/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: WF		Batch: 2433048
Chloride	844	20.0	1	08/13/24	08/13/24	

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 2:19:42PM

#### FS28-0.5' E408116-02

		E-100110 02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: CG		Batch: 2433039
Benzene	ND	0.0250	1	08/13/24	08/14/24	
Ethylbenzene	ND	0.0250	1	08/13/24	08/14/24	
Toluene	ND	0.0250	1	08/13/24	08/14/24	
o-Xylene	ND	0.0250	1	08/13/24	08/14/24	
p,m-Xylene	ND	0.0500	1	08/13/24	08/14/24	
Total Xylenes	ND	0.0250	1	08/13/24	08/14/24	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2433039
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/24	08/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2433043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/24	08/13/24	
Surrogate: n-Nonane		105 %	50-200	08/13/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: WF		Batch: 2433048
Chloride	1590	20.0	1	08/13/24	08/13/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 2:19:42PM

#### FS28-0.5' E408116-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2433039
Benzene	ND	0.0250	1	08/13/24	08/14/24	
Ethylbenzene	ND	0.0250	1	08/13/24	08/14/24	
Toluene	ND	0.0250	1	08/13/24	08/14/24	
o-Xylene	ND	0.0250	1	08/13/24	08/14/24	
p,m-Xylene	ND	0.0500	1	08/13/24	08/14/24	
Total Xylenes	ND	0.0250	1	08/13/24	08/14/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2433039
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/24	08/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2433043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/24	08/13/24	
Surrogate: n-Nonane		104 %	50-200	08/13/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2433048
Chloride	742	20.0	1	08/13/24	08/13/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 2:19:42PM

#### FS19-1'

T 4004		
E4081	16-	•04

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2433039
Benzene	ND	0.0250	1	08/13/24	08/14/24	
Ethylbenzene	ND	0.0250	1	08/13/24	08/14/24	
Toluene	ND	0.0250	1	08/13/24	08/14/24	
o-Xylene	ND	0.0250	1	08/13/24	08/14/24	
p,m-Xylene	ND	0.0500	1	08/13/24	08/14/24	
Total Xylenes	ND	0.0250	1	08/13/24	08/14/24	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: CG			Batch: 2433039
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/24	08/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2433043
Diesel Range Organics (C10-C28)	69.8	25.0	1	08/13/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/24	08/13/24	
Surrogate: n-Nonane		104 %	50-200	08/13/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2433048
Chloride	2170	40.0	2	08/13/24	08/13/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 2:19:42PM

#### FS21-1'

#### E408116-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2433039
Benzene	ND	0.0250	1	08/13/24	08/14/24	
Ethylbenzene	ND	0.0250	1	08/13/24	08/14/24	
Toluene	ND	0.0250	1	08/13/24	08/14/24	
o-Xylene	ND	0.0250	1	08/13/24	08/14/24	
p,m-Xylene	ND	0.0500	1	08/13/24	08/14/24	
Total Xylenes	ND	0.0250	1	08/13/24	08/14/24	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2433039
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/24	08/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2433043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/24	08/13/24	
Surrogate: n-Nonane		108 %	50-200	08/13/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2433048
	1840	40.0	2	08/13/24	08/13/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 2:19:42PM

#### FS20-2.5 E408116-06

	L-100110 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: CG		Batch: 2433039
ND	0.0250	1	08/13/24	08/14/24	
ND	0.0250	1	08/13/24	08/14/24	
ND	0.0250	1	08/13/24	08/14/24	
ND	0.0250	1	08/13/24	08/14/24	
ND	0.0500	1	08/13/24	08/14/24	
ND	0.0250	1	08/13/24	08/14/24	
	91.3 %	70-130	08/13/24	08/14/24	
mg/kg	mg/kg	Anal	lyst: CG		Batch: 2433039
ND	20.0	1	08/13/24	08/14/24	
	93.3 %	70-130	08/13/24	08/14/24	
mg/kg	mg/kg	Anal	lyst: NV		Batch: 2433043
ND	25.0	1	08/13/24	08/13/24	
ND	50.0	1	08/13/24	08/13/24	
	105 %	50-200	08/13/24	08/13/24	
mg/kg	mg/kg	Anal	lyst: WF		Batch: 2433048
1000	20.0	1	08/13/24	08/13/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         0.0250           MD         20.0250           91.3 %         mg/kg           ND         20.0           93.3 %         mg/kg           ND         25.0           ND         50.0           105 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           91.3 %         70-130           mg/kg         mg/kg         Anal           ND         20.0         1           93.3 %         70-130         1           mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           105 %         50-200           mg/kg         Mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: CG           ND         0.0250         1         08/13/24           ND         0.0250         1         08/13/24           ND         0.0250         1         08/13/24           ND         0.0500         1         08/13/24           ND         0.0250         1         08/13/24           ND         0.0250         1         08/13/24           mg/kg         mg/kg         Analyst: CG           ND         20.0         1         08/13/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         08/13/24           ND         25.0         1         08/13/24           ND         50.0         1         08/13/24           ND         50.0         1         08/13/24           ND         50.0         0         08/13/24           Mg/kg         Mg/kg         Analyst: WF	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: CG           ND         0.0250         1         08/13/24         08/14/24           ND         0.0250         1         08/13/24         08/14/24           ND         0.0250         1         08/13/24         08/14/24           ND         0.0500         1         08/13/24         08/14/24           ND         0.0250         1         08/13/24         08/14/24           ND         0.0250         1         08/13/24         08/14/24           mg/kg         mg/kg         Analyst: CG           ND         20.0         1         08/13/24         08/14/24           mg/kg         mg/kg         Analyst: CG         08/13/24         08/14/24           mg/kg         mg/kg         Analyst: NV         08/13/24         08/14/24           ND         25.0         1         08/13/24         08/13/24           ND         50.0         1         08/13/24         08/13/24           ND         50.0         1         08/13/24         08/13/24           ND         50.0         1         08/13/



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 2:19:42PM

#### SW01-0-2.5 E408116-07

		£408110-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Maryo	Result	Limit	Dilution	Trepared	Maryzea	rvotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2433039
Benzene	ND	0.0250	1	08/13/24	08/14/24	
Ethylbenzene	ND	0.0250	1	08/13/24	08/14/24	
Toluene	ND	0.0250	1	08/13/24	08/14/24	
o-Xylene	ND	0.0250	1	08/13/24	08/14/24	
p,m-Xylene	ND	0.0500	1	08/13/24	08/14/24	
Total Xylenes	ND	0.0250	1	08/13/24	08/14/24	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2433039
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/13/24	08/14/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	08/13/24	08/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2433043
Diesel Range Organics (C10-C28)	ND	25.0	1	08/13/24	08/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/13/24	08/13/24	
Surrogate: n-Nonane		105 %	50-200	08/13/24	08/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2433048
Chloride	738	20.0	1	08/13/24	08/13/24	



		QC Si	umma	ary Dat	a				
Devon Energy - Carlsbad		Project Name:	R	ebel 20 Feder	al 6Y				Reported:
6488 7 Rivers Hwy	6488 7 Rivers Hwy Project No			mber: 01058-0007					
Artesia NM, 88210		Project Manager:	A	shley Gioven	go				8/16/2024 2:19:42PM
		Volatile O	rganics l	by EPA 802	21B				Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433039-BLK1)							Prepared: 0	8/13/24 <i>A</i>	Analyzed: 08/14/24
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	7.24		8.00		90.5	70-130			
LCS (2433039-BS1)							Prepared: 0	8/13/24 A	Analyzed: 08/14/24
Benzene	4.39	0.0250	5.00		87.8	70-130			
Ethylbenzene	4.18	0.0250	5.00		83.7	70-130			
Toluene	4.30	0.0250	5.00		86.0	70-130			
o-Xylene	4.17	0.0250	5.00		83.5	70-130			
p,m-Xylene	8.51	0.0500	10.0		85.0	70-130			
Total Xylenes	12.7	0.0250	15.0		84.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.24		8.00		90.5	70-130			
Matrix Spike (2433039-MS1)				Source:	E408116-	06	Prepared: 0	8/13/24 A	Analyzed: 08/14/24
Benzene	5.29	0.0250	5.00	ND	106	54-133			
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133			
Toluene	5.17	0.0250	5.00	ND	103	61-130			
p-Xylene	5.02	0.0250	5.00	ND	100	63-131			
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.27		8.00		90.9	70-130			
Matrix Spike Dup (2433039-MSD1)				Source:	E408116-	06	Prepared: 0	8/13/24 A	Analyzed: 08/14/24
Benzene	5.23	0.0250	5.00	ND	105	54-133	1.19	20	
Ethylbenzene	4.99	0.0250	5.00	ND	99.7	61-133	0.850	20	
Toluene	5.11	0.0250	5.00	ND	102	61-130	1.16	20	
o-Xylene	4.98	0.0250	5.00	ND	99.5	63-131	0.865	20	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	0.773	20	
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131	0.804	20	
0	7.12		0.00		01.6	70 120			



Surrogate: 4-Bromochlorobenzene-PID

7.32

8.00

91.6

70-130

Surrogate: 1-Chloro-4-fluorobenzene-FID

# **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo	8/16/2024 2:19:42PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			8/1	6/2024 2:19:42PM
	Nor	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: CG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
			95		70	, o	70	70	rvotes
Blank (2433039-BLK1)							Prepared: 0	8/13/24 Anal	yzed: 08/14/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			
LCS (2433039-BS2)							Prepared: 0	8/13/24 Anal	yzed: 08/14/24
Gasoline Range Organics (C6-C10)	43.8	20.0	50.0		87.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130			
Matrix Spike (2433039-MS2)				Source:	E408116-	06	Prepared: 0	8/13/24 Anal	yzed: 08/14/24
Gasoline Range Organics (C6-C10)	39.9	20.0	50.0	ND	79.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			
Matrix Spike Dup (2433039-MSD2)				Source:	E408116-	06	Prepared: 0	8/13/24 Anal	yzed: 08/14/24
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	ND	86.6	70-130	8.18	20	

8.00

7.49

93.6

70-130

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/16/2024 2:19:42PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				8/16/2024 2:19:42PN
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433043-BLK1)							Prepared: 0	8/13/24 Aı	nalyzed: 08/13/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.5		50.0		101	50-200			
LCS (2433043-BS1)							Prepared: 0	8/13/24 Aı	nalyzed: 08/13/24
Diesel Range Organics (C10-C28)	254	25.0	250		102	38-132			
Surrogate: n-Nonane	49.9		50.0		99.8	50-200			
Matrix Spike (2433043-MS1)				Source:	E408116-0	07	Prepared: 0	8/13/24 Aı	nalyzed: 08/13/24
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132			
Surrogate: n-Nonane	52.3		50.0		105	50-200			
Matrix Spike Dup (2433043-MSD1)				Source:	E408116-0	07	Prepared: 0	8/13/24 Aı	nalyzed: 08/13/24
Diesel Range Organics (C10-C28)	283	25.0	250	ND	113	38-132	0.128	20	
Surrogate: n-Nonane	52.2		50.0		104	50-200			

Chloride

## **QC Summary Data**

Devon Energy - Carlsbad		Project Name:		ebel 20 Federa	al 6Y				Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager		1058-0007 shley Gioveng	go				8/16/2024 2:19:42PM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: WF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433048-BLK1)							Prepared: 0	8/13/24 <i>A</i>	Analyzed: 08/13/24
Chloride	ND	20.0							
LCS (2433048-BS1)							Prepared: 0	8/13/24 A	Analyzed: 08/13/24
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2433048-MS1)				Source:	E408111-0	1	Prepared: 0	8/13/24 A	Analyzed: 08/13/24
Chloride	340	20.0	250	67.5	109	80-120			
Matrix Spike Dup (2433048-MSD1)				Source:	E408111-0	1	Prepared: 0	8/13/24 A	Analyzed: 08/13/24

250

20.0

67.5

102

80-120

5.38

322

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/16/24 14:19

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



**Chain of Custody** 

Page	of_	1

	Clie	nt Inform	nation			Invoice Information					Lal	b Us	e On	ly				TA	Т			State	
Client: D	evon					Company: Devon		La	Lab WO# Job Num				Num				1D 2D 3D St		td	NM CO UT TX		TX	
Project:	Rebel 20 Fe	deral 6Y				Address: 205 E Bender Road #15	)	E	4	081	16		0109	58-	000	7			X	_	х		
Project N	Manager: Ash	nley Giove	engo			City, State, Zip: Hobbs NM, 8824	)												- 11				
Address:	3122 Nation	nal Parks	Hwy		P	hone: (575)748-1838							Ana	lysis	and	Met	hod				EP/	Progra	m
City, Stat	e, Zip: Carlst	ad NM,	88220			Email: dale.woodall@dvn.com															SDWA	CWA	RCRA
Phone: !	575-988-0055	5			Mi	scellaneous: Dale Woodall																	
Email: a	giovengo@er	nsolum.co	om							15	15										Compliance	Y	or N
										y 8015	y 80	11	0	0.0	5	×	ia s				PWSID#		
				Sam	ple Informat	ion				RO b	RO b	y 80	826	e 30	N.	- 500	Met						
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	er	DRO/ORO	GRO/DRO	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				-	Remarks	
9:51	8/9/2024	S	1			FS27 - 0.5'		1							х								
9:50	8/9/2024	S	1			FS28 - 0.5'		2							х								
9:48	8/9/2024	S	1			FS28 - 0.5'		3							х								
9:56	8/9/2024	S	1			FS19 - 1'		4							х								
9:53	8/9/2024	S	1			FS21 - 1'		5							х								
13:36	8/9/2024	S	1			FS20 - 2.5		6							х								
10:50	8/9/2024	S	1			SW01 - 0-2.5		7							х								
Addition	al Instruction	ns: Plea	se CC: cbur	ton@er	solum.com,	agiovengo@ensolum.com, dale	wood	all@dv	n.c	om, i	estre	ella@	Penso	olum	.com	n, bd	eal@	enso	lum.c	om,			
chamilto	n@ensolum	.com. bsi	immons@e	nsolum.	com																		
110000000000000000000000000000000000000		e validity and	d authenticity of	this sampl	e. I am aware th	at tampering with or intentionally mislabeling	the sam	ple locati	ion, c	date or	time o	of colle	ection i	s cons	idered	fraud	and ma	ay be g	rounds f	or leg	gal action.		
	:_Cole Burton					1	-																
Relinquish	ed by: (Signatur	e)	Date // /	2/21/	10:15	Received by: (Signature)	Date 8	12:21	4	Time	15										t be received on temp above 0 bu		200
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	ed by: (Signatur		Date		Time	Received by: (Signature)	Date			Time					AVG	Ten	np °C	4					
	trix: S - Soil, Sd - S							tainer T						astic,	ag -	ambe	er glas	s, v -					
						arrangements are made. Hazardous san							osed o	of at t	he clie	ent ex	pense.	The r	eport fo	or th	e analysis of	the above	samples is

(3

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

envirotects

envirotects

Printed: 8/13/2024 9:27:52AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/13/24	09:00	Work Order ID:	E408116
Phone:	(505) 382-1211	Date Logged In:	08/12/24	15:21	Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com	Due Date:	08/19/24	17:00 (4 day TAT)		
Chain a	f Custody (COC)					
			No			
	the sample ID match the COC? the number of samples per sampling site location ma	tch the COC	No			
3. Were samples dropped off by client or carrier?			Yes Yes	Ci Ci		
	ne COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier: <u>Courier</u>		
	all samples received within holding time?	sica anaryses:	Yes			
Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.			103		Comment	s/Resolution
	<u>Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was tl	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C.  Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes			
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
15. Are	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	· · ·					
•	e field sample labels filled out with the minimum info	ormation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were p	reserved?	No			
	sample(s) correctly preserved?		NA			
24. Is lat	o filteration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborato	ory?	No			
	a subcontract laboratory specified by the client and i	-	NA	Subcontract Lab: NA		
Client l	nstruction					
						_

Date

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: Rebel 20 Federal 6Y

Work Order: E408141

Job Number: 01058-0007

Received: 8/15/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/19/24

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

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

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

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

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

Date Reported: 8/19/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Rebel 20 Federal 6Y

Workorder: E408141

Date Received: 8/15/2024 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/15/2024 7:45:00AM, under the Project Name: Rebel 20 Federal 6Y.

The analytical test results summarized in this report with the Project Name: Rebel 20 Federal 6Y apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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whinchman@envirotech-inc.com

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## Sample Summary

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/19/24 09:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS43-2'	E408141-01A	Soil	08/13/24	08/15/24	Glass Jar, 2 oz.
FS44-2'	E408141-02A	Soil	08/13/24	08/15/24	Glass Jar, 2 oz.
FS45-2'	E408141-03A	Soil	08/13/24	08/15/24	Glass Jar, 2 oz.
FS52-3'	E408141-04A	Soil	08/13/24	08/15/24	Glass Jar, 2 oz.
SW02 - 0-4'	E408141-05A	Soil	08/13/24	08/15/24	Glass Jar, 2 oz.
SW03 - 0-4'	E408141-06A	Soil	08/13/24	08/15/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/19/2024 9:21:38AM

#### FS43-2' E408141-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: CG		Batch: 2433090
Benzene	ND	0.0250	1	08/15/24	08/15/24	
Ethylbenzene	ND	0.0250	1	08/15/24	08/15/24	
Toluene	ND	0.0250	1	08/15/24	08/15/24	
o-Xylene	ND	0.0250	1	08/15/24	08/15/24	
p,m-Xylene	ND	0.0500	1	08/15/24	08/15/24	
Total Xylenes	ND	0.0250	1	08/15/24	08/15/24	
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	08/15/24	08/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: CG		Batch: 2433090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/24	08/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	08/15/24	08/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2433088
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/24	08/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/24	08/15/24	
Surrogate: n-Nonane		112 %	50-200	08/15/24	08/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2433093
Chloride	ND	20.0	1	08/15/24	08/15/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/19/2024 9:21:38AM

#### FS44-2'

#### E408141-02

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: CG		Batch: 2433090
Benzene	ND	0.0250	1	08/15/24	08/15/24	
Ethylbenzene	ND	0.0250	1	08/15/24	08/15/24	
Toluene	ND	0.0250	1	08/15/24	08/15/24	
o-Xylene	ND	0.0250	1	08/15/24	08/15/24	
p,m-Xylene	ND	0.0500	1	08/15/24	08/15/24	
Total Xylenes	ND	0.0250	1	08/15/24	08/15/24	
Surrogate: 4-Bromochlorobenzene-PID		88.2 %	70-130	08/15/24	08/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: CG		Batch: 2433090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/24	08/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	08/15/24	08/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2433088
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/24	08/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/24	08/15/24	
Surrogate: n-Nonane		109 %	50-200	08/15/24	08/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2433093
		20.0		08/15/24	08/15/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/19/2024 9:21:38AM

#### FS45-2'

#### E408141-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: CG		Batch: 2433090
Benzene	ND	0.0250	1	08/15/24	08/15/24	
Ethylbenzene	ND	0.0250	1	08/15/24	08/15/24	
Toluene	ND	0.0250	1	08/15/24	08/15/24	
o-Xylene	ND	0.0250	1	08/15/24	08/15/24	
p,m-Xylene	ND	0.0500	1	08/15/24	08/15/24	
Total Xylenes	ND	0.0250	1	08/15/24	08/15/24	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	08/15/24	08/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2433090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/24	08/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	08/15/24	08/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2433088
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/24	08/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/24	08/15/24	
Surrogate: n-Nonane		100 %	50-200	08/15/24	08/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2433093



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/19/2024 9:21:38AM

#### FS52-3'

#### E408141-04

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	.nalyst: CG		Batch: 2433090
Benzene	ND	0.0250	1	08/15/24	08/16/24	
Ethylbenzene	ND	0.0250	1	08/15/24	08/16/24	
Toluene	ND	0.0250	1	08/15/24	08/16/24	
o-Xylene	ND	0.0250	1	08/15/24	08/16/24	
p,m-Xylene	ND	0.0500	1	08/15/24	08/16/24	
Total Xylenes	ND	0.0250	1	08/15/24	08/16/24	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	08/15/24	08/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: CG		Batch: 2433090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/24	08/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	08/15/24	08/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: NV		Batch: 2433088
Diesel Range Organics (C10-C28)	28.1	25.0	1	08/15/24	08/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/24	08/15/24	
Surrogate: n-Nonane		98.8 %	50-200	08/15/24	08/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2433093
Chloride	81.9	20.0	1	08/15/24	08/15/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/19/2024 9:21:38AM

#### SW02 - 0-4' E408141-05

		E400141-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		lyst: CG	<u> </u>	Batch: 2433090
Volatile Organics by EPA 8021B			1	08/15/24	08/16/24	Batcii. 2433070
Benzene	ND	0.0250	1			
Ethylbenzene	ND	0.0250	1	08/15/24	08/16/24	
Toluene	ND	0.0250	1	08/15/24	08/16/24	
o-Xylene	ND	0.0250	1	08/15/24	08/16/24	
p,m-Xylene	ND	0.0500	1	08/15/24	08/16/24	
Total Xylenes	ND	0.0250	1	08/15/24	08/16/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	08/15/24	08/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2433090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/24	08/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	08/15/24	08/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2433088
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/24	08/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/24	08/15/24	
Surrogate: n-Nonane		102 %	50-200	08/15/24	08/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2433093
Chloride	ND	20.0	1	08/15/24	08/15/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/19/2024 9:21:38AM

#### SW03 - 0-4' E408141-06

		E408141-06				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2433090
Benzene	ND	0.0250	1	08/15/24	08/16/24	
Ethylbenzene	ND	0.0250	1	08/15/24	08/16/24	
Toluene	ND	0.0250	1	08/15/24	08/16/24	
o-Xylene	ND	0.0250	1	08/15/24	08/16/24	
p,m-Xylene	ND	0.0500	1	08/15/24	08/16/24	
Total Xylenes	ND	0.0250	1	08/15/24	08/16/24	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	08/15/24	08/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2433090
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/15/24	08/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	08/15/24	08/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2433088
Diesel Range Organics (C10-C28)	ND	25.0	1	08/15/24	08/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/15/24	08/15/24	
Surrogate: n-Nonane		117 %	50-200	08/15/24	08/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2433093
Chloride	40.2	20.0	1	08/15/24	08/15/24	



				ary Dat					
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Rebel 20 Federal 6Y 01058-0007					Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioven	go				8/19/2024 9:21:38AM
		Volatile Oı	rganics	by EPA 802	21B				Analyst: CG
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433090-BLK1)							Prepared: 0	8/15/24 A	nalyzed: 08/15/24
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	7.06		8.00		88.2	70-130			
LCS (2433090-BS1)							Prepared: 0	8/15/24 A	nalyzed: 08/15/24
Benzene	5.01	0.0250	5.00		100	70-130			
Ethylbenzene	4.83	0.0250	5.00		96.5	70-130			
Toluene	4.93	0.0250	5.00		98.5	70-130			
o-Xylene	4.81	0.0250	5.00		96.3	70-130			
p,m-Xylene	9.80	0.0500	10.0		98.0	70-130			
Total Xylenes	14.6	0.0250	15.0		97.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.2	70-130			
Matrix Spike (2433090-MS1)				Source:	E408139-	03	Prepared: 0	8/15/24 A	nalyzed: 08/15/24
Benzene	5.10	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.91	0.0250	5.00	ND	98.2	61-133			
Toluene	5.02	0.0250	5.00	ND	100	61-130			
o-Xylene	4.89	0.0250	5.00	ND	97.8	63-131			
p,m-Xylene	9.98	0.0500	10.0	ND	99.8	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.16		8.00		89.4	70-130			
Matrix Spike Dup (2433090-MSD1)				Source:	E408139-	03	Prepared: 0	8/15/24 A	nalyzed: 08/15/24
Benzene	5.05	0.0250	5.00	ND	101	54-133	0.992	20	
Ethylbenzene	4.86	0.0250	5.00	ND	97.3	61-133	0.950	20	
Toluene	4.97	0.0250	5.00	ND	99.3	61-130	1.03	20	
o-Xylene	4.85	0.0250	5.00	ND	97.0	63-131	0.870	20	
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	63-131	1.03	20	
Total Xylenes	14.7	0.0250	15.0	ND	98.2	63-131	0.979	20	

8.00

7.18

70-130



Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/19/2024 9:21:38AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			8/19	9/2024 9:21:38AN
	Non	halogenated	Organics l	oy EPA 80	15D - Gl	RO			Analyst: CG
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2433090-BLK1)							Prepared: 0	8/15/24 Analy	zed: 08/15/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.49		8.00		93.6	70-130			
LCS (2433090-BS2)							Prepared: 0	8/15/24 Anal	zed: 08/15/24
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0		81.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			
Matrix Spike (2433090-MS2)				Source:	E408139-	03	Prepared: 0	8/15/24 Analy	zed: 08/15/24
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0	ND	82.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.74		8.00		96.7	70-130			
Matrix Spike Dup (2433090-MSD2)				Source:	E408139-	03	Prepared: 0	8/15/24 Analy	zed: 08/15/24
Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	ND	80.7	70-130	1.51	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/19/2024 9:21:38AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			8.	/19/2024 9:21:38AI
	Nonha	logenated Or	ganics by	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433088-BLK1)							Prepared: 0	8/15/24 Ana	alyzed: 08/15/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.6		50.0		113	50-200			
LCS (2433088-BS1)							Prepared: 0	8/15/24 Ana	alyzed: 08/15/24
Diesel Range Organics (C10-C28)	199	25.0	250		79.6	38-132			
Surrogate: n-Nonane	56.4		50.0		113	50-200			
Matrix Spike (2433088-MS1)				Source:	E408141-	02	Prepared: 0	8/15/24 Ana	alyzed: 08/15/24
Diesel Range Organics (C10-C28)	209	25.0	250	ND	83.7	38-132			
Surrogate: n-Nonane	53.5		50.0		107	50-200			
Matrix Spike Dup (2433088-MSD1)				Source:	E408141-	02	Prepared: 0	8/15/24 Ana	alyzed: 08/15/24
Diesel Range Organics (C10-C28)	198	25.0	250	ND	79.1	38-132	5.72	20	
Surrogate: n-Nonane	55.9		50.0		112	50-200			

Devon Energy - Carlsbad		Project Name:		ebel 20 Feder	al 6Y				Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		1058-0007 shley Gioven	go				8/19/2024 9:21:38AM
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2433093-BLK1)							Prepared: 0	8/15/24 A	nalyzed: 08/15/24
Chloride	ND	20.0							
LCS (2433093-BS1)							Prepared: 0	8/15/24 A	nalyzed: 08/15/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2433093-MS1)				Source:	E408138-	01	Prepared: 0	8/15/24 A	nalyzed: 08/15/24
Chloride	264	100	250	ND	106	80-120			
Matrix Spike Dup (2433093-MSD1)				Source:	E408138-	01	Prepared: 0	8/15/24 A	nalyzed: 08/15/24
Chloride	265	100	250	ND	106	80-120	0.289	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:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/19/24 09:21

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

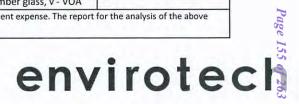


Chain of	Custody
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Client Information			Invoice Information		Lab Use Only									TA	T	State						
Client: [	Devon				Co	ompany: Devon		L	Lab WO# Job Number					-37	1D	2D	3D Std	NM	CO UT	TX		
Project:	Rebel 20 Fee	deral 6Y			Ad	Address: 205 E Bender Road #150		E468141 0105					79	X FCCO &				X	X			
Project N	Manager: As	hley Giov	engo		Ci	ty, State, Zip: Hobbs NM, 882	40															
The second second	3122 Natio					one: (575)748-1838			Г				Ana	lysis	and	Met	hod			EP	A Progra	m
City, Sta	te, Zip: Carls	bad NM,	88220		E	Email: dale.woodall@dvn.com														SDWA	CWA	RCRA
	575-988-005					scellaneous: Dale Woodall																
	giovengo@e	na Property	om							S.	10									Compliand	e Y	or N
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				Sam	ple Informati	on				to by	to by	8021	8260	300	NN -	DS-T)	Meta					
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
7:43	8/13/2024	S	1			FS43 - 2'		1							х							
7:49	8/13/2024	S	1			FS44 - 2'		2							X							
7:51	8/13/2024	S	1			FS45 - 2'		3							х							
7:57	8/13/2024	S	1		FS52 - 3'		Ŷ	4	-						х							
14:20	8/13/2024	S	1		SW02 - 0-4'			5	5						х							
14:24	8/13/2024	S	1			SW03 - 0-4'		0	)						х							
Addition	nal Instruction	ns: Ple	ase CC:	burton@	ensolum.com	, agiovengo@ensolum.com, d	ale.wo	odall@	dvr	ı.cor	n, ch	ami	lton(	ens	olur	n.cor	n, ies	strella	@enso	lum.com,		
	ensolum.con					The state of the s																
I, (field sam	pler), attest to th	e validity and	d authentic	ty of this sam	ple. I am aware th	at tampering with or intentionally mislabe	ling the sa	ample loca	ation,	, date	or time	e of co	llectio	n is co	nsider	ed frau	id and	may be	grounds fo	r legal action.		
Sampled by	:Chad Hami	lton																				
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	trix: S - Soil, Sd - S							ntainer							c, ag	- ami	oer gl	ass, v	- VOA			
A PART AND ASSESSED.	And the second of the second	The second second		The second secon		r arrangements are made. Hazardous n this COC. The liability of the laborat	74 700000000000000000000000000000000000									e clier	nt exp	ense. 1	he report	for the anal	ysis of the	above





envirotech Inc.

Printed: 8/15/2024 8:00:33AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/15/24	07:45	Work Order ID:	E408141
Phone:	(505) 382-1211	Date Logged In:	08/14/24	15:35	Logged In By:	Raina Schwanz
Email:	ashley.giovengo@wescominc.com	Due Date:	08/21/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	he sample ID match the COC?		Yes			
	he number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	currer. <u>courrer</u>		
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted i	•	Yes		Commont	to/Decolystics
Sample 7	i.e, 15 minute hold time, are not included in this disucssi  Furn Around Time (TAT)	on.			Comment	ts/Resolution
	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	ne sample received on ice? If yes, the recorded temp is 4°C  Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes C			
	<u>Container</u>					
_	queous VOC samples present?		No			
	/OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	con-VOC samples collected in the correct containers	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La		nois conceica.	105			
	field sample labels filled out with the minimum info	ormation:				
	sample ID?	ormation.	Yes			
	Date/Time Collected?		Yes			
C	Collectors name?		Yes			
Sample l	<u>Preservation</u>					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved r	netals?	No			
Multipha	ase Sample Matrix					
_	the sample have more than one phase, i.e., multipha	ise?	No			
	s, does the COC specify which phase(s) is to be analy		NA			
	ract Laboratory					
			No			
	amples required to get sent to a subcontract laborate a subcontract laboratory specified by the client and i	•	No NA	Subcontract Lab: NA		
		i so wiio:	INA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Devon Energy - Carlsbad

Project Name: Rebel 20 Federal 6Y

Work Order: E408166

Job Number: 01058-0007

Received: 8/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/26/24

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

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

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

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

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

Date Reported: 8/26/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Rebel 20 Federal 6Y

Workorder: E408166

Date Received: 8/20/2024 5:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/20/2024 5:00:00AM, under the Project Name: Rebel 20 Federal 6Y.

The analytical test results summarized in this report with the Project Name: Rebel 20 Federal 6Y apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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## Sample Summary

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/26/24 16:16

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
FS38 - 0.5	E408166-01A Soil	08/16/24	08/20/24	Glass Jar, 2 oz.
FS39 - 0.5	E408166-02A Soil	08/16/24	08/20/24	Glass Jar, 2 oz.
FS40 - 0.5	E408166-03A Soil	08/16/24	08/20/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/26/2024 4:16:36PM

#### FS38 - 0.5 E408166-01

		2100100 01					
		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434039
Benzene	ND	0.0250		1	08/20/24	08/21/24	
Ethylbenzene	ND	0.0250		1	08/20/24	08/21/24	
Toluene	ND	0.0250		1	08/20/24	08/21/24	
o-Xylene	ND	0.0250		1	08/20/24	08/21/24	
p,m-Xylene	ND	0.0500		1	08/20/24	08/21/24	
Total Xylenes	ND	0.0250		1	08/20/24	08/21/24	
Surrogate: Bromofluorobenzene		113 %	70-130		08/20/24	08/21/24	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130		08/20/24	08/21/24	
Surrogate: Toluene-d8		107 %	70-130		08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2434039
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/20/24	08/21/24	
Surrogate: Bromofluorobenzene		113 %	70-130		08/20/24	08/21/24	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130		08/20/24	08/21/24	
Surrogate: Toluene-d8		107 %	70-130		08/20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2434029
Diesel Range Organics (C10-C28)	ND	25.0		1	08/20/24	08/24/24	
Oil Range Organics (C28-C36)	ND	50.0		1	08/20/24	08/24/24	
Surrogate: n-Nonane		108 %	50-200		08/20/24	08/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	WF		Batch: 2434032
Chloride	67.5	20.0		1	08/20/24	08/21/24	



Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/26/2024 4:16:36PM

#### FS39 - 0.5 E408166-02

	Reporting					<u> </u>
Decult			tion	Prepared	Analyzed	Notes
Kesuit	Lillit	Dilu	tion	Frepared	Allalyzeu	Notes
mg/kg	mg/kg	I	Analyst: 1	RKS		Batch: 2434039
ND	0.0250	1		08/20/24	08/21/24	
ND	0.0250	1		08/20/24	08/21/24	
ND	0.0250	1		08/20/24	08/21/24	
ND	0.0250	1		08/20/24	08/21/24	
ND	0.0500	1		08/20/24	08/21/24	
ND	0.0250	1		08/20/24	08/21/24	
	114 %	70-130		08/20/24	08/21/24	
	91.2 %	70-130		08/20/24	08/21/24	
	108 %	70-130		08/20/24	08/21/24	
mg/kg	mg/kg	I	Analyst: 1	RKS		Batch: 2434039
ND	20.0	1		08/20/24	08/21/24	
	114 %	70-130		08/20/24	08/21/24	
	91.2 %	70-130		08/20/24	08/21/24	
	108 %	70-130		08/20/24	08/21/24	
mg/kg	mg/kg	I	Analyst: 1	KM		Batch: 2434029
73.5	25.0	1		08/20/24	08/24/24	_
ND	50.0	1		08/20/24	08/24/24	
	99.6 %	50-200		08/20/24	08/24/24	
mg/kg	mg/kg	A	Analyst: \	WF		Batch: 2434032
	ND N	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           II4 %         91.2 %           108 %         108 %           MD         20.0           II4 %         91.2 %           108 %         108 %           mg/kg         mg/kg           73.5         25.0           ND         50.0           99.6 %	mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           114 %         70-130           91.2 %         70-130           108 %         70-130           MD         20.0         1           114 %         70-130           91.2 %         70-130           108 %         70-130           mg/kg         mg/kg           mg/kg         mg/kg           73.5         25.0           ND         50.0           11         99.6 %           50-200	mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         70-130         1           91.2 %         70-130         70-130           Mg/kg         mg/kg         Analyst:           ND         20.0         1           114 %         70-130         70-130           91.2 %         70-130         70-130           108 %         70-130         Analyst:           mg/kg         mg/kg         Analyst:           73.5         25.0         1           ND         50.0         1           99.6 %         50-200	mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/20/24           ND         0.0250         1         08/20/24           ND         0.0250         1         08/20/24           ND         0.0250         1         08/20/24           ND         0.0500         1         08/20/24           ND         0.0250         1         08/20/24           ND         70-130         08/20/24           91.2 %         70-130         08/20/24           108 %         70-130         08/20/24           MD         20.0         1         08/20/24           91.2 %         70-130         08/20/24           91.2 %         70-130         08/20/24           108 %         70-130         08/20/24           108 %         70-130         08/20/24           mg/kg         mg/kg         Analyst: KM           73.5         25.0         1         08/20/24           ND         50.0         1         08/20/24           99.6 %         50-200         08/20/24	mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         08/20/24         08/21/24           ND         0.0500         1         08/20/24         08/21/24           ND         0.0250         1         08/20/24         08/21/24           ND         0.0250         1         08/20/24         08/21/24           91.2 %         70-130         08/20/24         08/21/24           91.2 %         70-130         08/20/24         08/21/24           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         08/20/24         08/21/24           91.2 %         70-130         08/20/24         08/21/24           91.2 %         70-130         08/20/24         08/21/24           108 %         70-130         08/20/24         08/21/24           mg/kg         mg/kg         Analyst: KM           73.5         25.0         1         08/20/24



Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo8/26/2024 4:16:36PM

#### FS40 - 0.5 E408166-03

		E400100-05					
Analysis	D14	Reporting Limit	Dilu	D	1	A la d	Notes
Analyte	Result	Limit	Dilu	tion Prep	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2434039
Benzene	ND	0.0250	1	08/2	20/24	08/21/24	
Ethylbenzene	ND	0.0250	1	08/2	20/24	08/21/24	
Toluene	ND	0.0250	1	08/2	20/24	08/21/24	
o-Xylene	ND	0.0250	1	08/2	20/24	08/21/24	
p,m-Xylene	ND	0.0500	1	08/2	20/24	08/21/24	
Total Xylenes	ND	0.0250	1	08/2	20/24	08/21/24	
Surrogate: Bromofluorobenzene		114 %	70-130	08/2	20/24	08/21/24	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130	08/2	20/24	08/21/24	
Surrogate: Toluene-d8		106 %	70-130	08/2	20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2434039
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/2	0/24	08/21/24	
Surrogate: Bromofluorobenzene		114 %	70-130	08/2	20/24	08/21/24	
Surrogate: 1,2-Dichloroethane-d4		88.7 %	70-130	08/2	20/24	08/21/24	
Surrogate: Toluene-d8		106 %	70-130	08/2	20/24	08/21/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: KM			Batch: 2434029
Diesel Range Organics (C10-C28)	130	25.0	1	08/2	20/24	08/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/2	0/24	08/24/24	
Surrogate: n-Nonane		104 %	50-200	08/2	20/24	08/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: WF			Batch: 2434032
Chloride	336	20.0	1	08/2	20/24	08/21/24	



Devon Energy - Carlsbad Rebel 20 Federal 6Y Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 8/26/2024 4:16:36PM Volatile Organic Compounds by EPA 8260B Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2434039-BLK1) Prepared: 08/20/24 Analyzed: 08/21/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: Bromofluorobenzene 0.579 0.500 116 70-130 Surrogate: 1,2-Dichloroethane-d4 0.427 0.500 85.4 70-130 0.500 109 70-130 Surrogate: Toluene-d8 0.545 LCS (2434039-BS1) Prepared: 08/20/24 Analyzed: 08/21/24 2.28 0.0250 2.50 91.1 70-130 Benzene 2.42 2.50 70-130 96.9 Ethylbenzene 0.0250 2.51 0.0250 2.50 100 70-130 2.50 70-130 2.66 0.0250 106 o-Xylene 5.32 5.00 106 70-130 p,m-Xylene 0.0500 7.98 0.0250 7.50 106 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.572 0.500 114 70-130 0.500 90.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.451 Surrogate: Toluene-d8 0.500 70-130 0.536 Matrix Spike (2434039-MS1) Source: E408168-04 Prepared: 08/20/24 Analyzed: 08/21/24 48-131 2.28 0.0250 2.50 ND 91.0 ND 45-135 Ethylbenzene 2.39 0.0250 2.50 95.6 ND 99.1 48-130 Toluene 2.48 0.0250 2.50 2.62 0.0250 2.50 ND 105 43-135 o-Xylene 5.25 5.00 ND 105 43-135 p,m-Xylene 0.0500 Total Xylenes 7.87 0.0250 7.50 ND 105 43-135 Surrogate: Bromofluorobenzene 0.565 0.500 113 70-130 Surrogate: 1,2-Dichloroethane-d4 0.472 0.500 94.4 70-130 0.500 107 70-130 0.533

Benzene	2.23	0.0250	2.50	ND	89.3	48-131	1.93	23	-
Ethylbenzene	2.36	0.0250	2.50	ND	94.4	45-135	1.35	27	
Toluene	2.44	0.0250	2.50	ND	97.4	48-130	1.65	24	
o-Xylene	2.61	0.0250	2.50	ND	105	43-135	0.325	27	
p,m-Xylene	5.15	0.0500	5.00	ND	103	43-135	1.92	27	
Total Xylenes	7.76	0.0250	7.50	ND	103	43-135	1.39	27	
Surrogate: Bromofluorobenzene	0.564		0.500		113	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.469		0.500		93.8	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			

Source: E408168-04

Prepared: 08/20/24 Analyzed: 08/21/24

Surrogate: Toluene-d8

Matrix Spike Dup (2434039-MSD1)

Matrix Spike Dup (2434039-MSD2)

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$ 

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

43.6

0.545

0.468

0.555

## **QC Summary Data**

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6YReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo8/26/2024 4:16:36PM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	о			8/20	5/2024 4:16:36P		
	Non	halogenated	Organics l	by EPA 801	15D - Gl	RO		Analyst: RKS			
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2434039-BLK1)							Prepared: 0	8/20/24 Analy	zed: 08/21/24		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: Bromofluorobenzene	0.579		0.500		116	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.427		0.500		85.4	70-130					
Surrogate: Toluene-d8	0.545		0.500		109	70-130					
LCS (2434039-BS2)							Prepared: 0	8/20/24 Analy	zed: 08/21/24		
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.3	70-130					
Surrogate: Bromofluorobenzene	0.558		0.500		112	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.447		0.500		89.3	70-130					
Surrogate: Toluene-d8	0.539		0.500		108	70-130					
Matrix Spike (2434039-MS2)				Source:	E408168-	04	Prepared: 0	8/20/24 Analy	zed: 08/21/24		
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.7	70-130					
Surrogate: Bromofluorobenzene	0.559		0.500		112	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.449		0.500		89.8	70-130					
Surrogate: Toluene-d8	0.539		0.500		108	70-130					

50.0

0.500

0.500

0.500

20.0

Source: E408168-04

87.2

109

93.5

111

ND

70-130

70-130

70-130

70-130



Prepared: 08/20/24 Analyzed: 08/21/24

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	^
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/26/2024 4:16:36PM

Artesia NM, 88210		Project Manage	r: As	shley Giovens	go			8/2	26/2024 4:16:36PM
	Nonha	logenated Or	ganics by	EPA 80151	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result			RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2434029-BLK1)							Prepared: 0	8/20/24 Anal	yzed: 08/20/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.0		50.0		114	50-200			
LCS (2434029-BS1)							Prepared: 0	8/20/24 Anal	yzed: 08/20/24
Diesel Range Organics (C10-C28)	203	25.0	250		81.2	38-132			
Surrogate: n-Nonane	55.6		50.0		111	50-200			
Matrix Spike (2434029-MS1)				Source:	E408160-	01	Prepared: 0	8/20/24 Anal	yzed: 08/24/24
Diesel Range Organics (C10-C28)	6570	500	250	7010	NR	38-132			M4
Surrogate: n-Nonane	56.8		50.0		114	50-200			
Matrix Spike Dup (2434029-MSD1)				Source:	E408160-	01	Prepared: 0	8/20/24 Anal	yzed: 08/24/24
Diesel Range Organics (C10-C28)	6600	500	250	7010	NR	38-132	0.464	20	M4
Surrogate: n-Nonane	57.0		50.0		114	50-200			



Chloride

## **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	: 0	ebel 20 Federa 1058-0007 shley Giovens				<b>Reported:</b> 8/26/2024 4:16:36Pl		
<u>'</u>		<u>,                                     </u>		300.0/9056					Analyst: WF	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2434032-BLK1)							Prepared: 0	8/20/24 A	nalyzed: 08/20/24	
Chloride	ND	20.0								
LCS (2434032-BS1)							Prepared: 0	8/20/24 A	nalyzed: 08/20/24	
Chloride	250	20.0	250		100	90-110				
Matrix Spike (2434032-MS1)				Source:	E408165-	03	Prepared: 0	8/20/24 A	nalyzed: 08/20/24	
Chloride	259	20.0	250	ND	104	80-120				
Matrix Snike Dun (2434032-MSD1)				Source	E408165-	03	Prepared: 0	8/20/24 A	nalvzed: 08/20/24	

250

20.0

80-120

0.161

104

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
1	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/26/24 16:16

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.

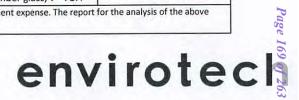


						Chai	n of C	ıstod	У														Page
	Clie	nt Inform	nation			Invoice Informat	tion				La	b Us	e Or	ly				TA	AT.			Stat	e
	evon Rebel 20 Fe	ederal 6Y			A	ompany: Devon ddress: 205 E Bender Road ity, State, Zip: Hobbs NM,	d #150			Lab WO# Job Number E408166 01058-0007						1D	2D	3D Sto		NM X	CO UT	TX	
ddress: lity, Stat hone:	Manager: Asl 3122 Nation e, Zip: Carls 575-988-005 giovengo@e	nal Parks bad NM, 5	Hwy 88220		PI E	Phone: (575)748-1838  Email: dale.woodall@dvn.com  Miscellaneous: Dale Woodall				115	510		Ana	lysis	and	Met	hod			Com	WA	A Progra	RCRA or N
				Cam	ple Informat	ion				- py 8(	by 80	021	097	0.008	M	X	etals			PW	SID#		
Time Date Sampled Matrix No. of Containers				f	pie ilitoriliat	Sample ID Sample ID			Lab umbei	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
8:29	8/16/2024	S	1			FS38 - 0.5			1						х								
8:27	8/16/2024	S	1			FS39 - 0.5			2						х								
8:21	8/16/2024	S	1			FS40 - 0.5			3						X								
	al Instructio					n, agiovengo@ensolum.co	m, dale.	wooda	ıll@d	vn.co	m, cł	namil	ton	@ens	olun	n.cor	m, ie	strel	la@ens	olum.	com,		
(field sam		e validity and				nat tampering with or intentionally m	islabeling th	ne sampl	e locatio	on, date	or tim	e of co	llectio	n is co	nsidere	ed frau	ıd and	may b	e grounds	for legal	action.		
elinquish	ed by: (Signatur	re)		S/19/24	Time II 30	Received by: (Signature)	12	Date 8-10	7-24	Time	130				sample		eceived		l in ice at an	avg temp	above 0	on ice the d but less tha	
	ed by (Signatur ed by: (Signatur	a	eç -	79-20 Date	Time 1940 Time	Received by: (Signature) Received by: (Signature)		Sate Date		Time	94	0			Received on ice: Y/N								
elinquished by: (Signature) Date Time					MILIE	1 10 0 100	00	0.20	. 711	100	-14	1			T1				TO			тэ	

Relinquished by: (Signature)	8/19/24	Time II 30	Received by: (Signature)	8-19-14	Time 1130	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
Relinquished by (Signature) Victorial Gonzales	Date	Time 1940	Received by: (Signature)	B-19-24	1940	Lab Use Only Received on ice: Y/N
Relinquished by: (Signature)	Date 3.10.14	041S	Received by: (Signature)	8-20-24	0500	<u>T1 T2 T3                                </u>
Relinquished by: (Signature)	Date	Time	neceived by, (signature)	Date	Time	AVG Temp °C 4
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A	- Aqueous, O - Oth	er		Container Typ	e: g - glass, p - poly,	/plastic, ag - amber glass, v - VOA
Note: Samples are discarded 14 days after	r results are repoi	rted unless other	arrangements are made. Hazardous sar	nples will be retu	rned to client or disp	osed 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.





Printed: 8/20/2024 9:27:01AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/20/24	05:00	Work Order ID:	E408166
Phone:	(505) 382-1211	Date Logged In:	08/19/24	17:01	Logged In By:	Noe Soto
Email:	ashley.giovengo@wescominc.com	Due Date:	08/26/24	17:00 (4 day TAT)		
Chain a	f Custody (COC)					
			37			
	the sample ID match the COC? The number of samples per sampling site location ma	tch the COC	Yes			
	samples dropped off by client or carrier?	ion and coc	Yes Yes	Comion Courier		
	ne COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier: <u>Courier</u>		
	all samples received within holding time?	sted unary ses.	Yes			
3. Wele	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		103		Comment	s/Resolution
	<u> Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was tl	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C.  Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes <u>C</u>			
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA			
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field La	· · ·					
•	e field sample labels filled out with the minimum info	ormation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		No			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were p	reserved?	No			
	sample(s) correctly preserved?		NA			
24. Is lat	o filteration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborato	ry?	No			
	a subcontract laboratory specified by the client and i	•	NA	Subcontract Lab: NA		
Client I	nstruction					
<u>Chent i</u>	nstruction .					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

# **Analytical Report**

Devon Energy - Carlsbad

Project Name: Rebel 20 Federal 6Y

Work Order: E408200

Job Number: 01058-0007

Received: 8/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/27/24

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

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

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

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

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

Date Reported: 8/27/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Rebel 20 Federal 6Y

Workorder: E408200

Date Received: 8/26/2024 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/26/2024 7:00:00AM, under the Project Name: Rebel 20 Federal 6Y.

The analytical test results summarized in this report with the Project Name: Rebel 20 Federal 6Y apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

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## **Sample Summary**

_				
	Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/27/24 13:33

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW07 - 0-4'	E408200-01A	Soil	08/23/24	08/26/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/27/2024 1:33:14PM

#### SW07 - 0-4' E408200-01

	E408200-01				
	1 0				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: CG		Batch: 2435005
ND	0.0250	1	08/26/24	08/26/24	
ND	0.0250	1	08/26/24	08/26/24	
ND	0.0250	1	08/26/24	08/26/24	
ND	0.0250	1	08/26/24	08/26/24	
ND	0.0500	1	08/26/24	08/26/24	
ND	0.0250	1	08/26/24	08/26/24	
	91.7 %	70-130	08/26/24	08/26/24	
mg/kg	mg/kg	Anal	yst: CG		Batch: 2435005
ND	20.0	1	08/26/24	08/26/24	
	98.7 %	70-130	08/26/24	08/26/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2435001
74.8	25.0	1	08/26/24	08/26/24	
ND	50.0	1	08/26/24	08/26/24	
	78.7 %	50-200	08/26/24	08/26/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2435004
174	20.0	1	08/26/24	08/26/24	
	mg/kg ND ND ND ND ND ND ND ND The state of t	Result         Reporting           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           MD         0.0250           MD         20.0250           MB/kg         mg/kg           MB/kg         mg/kg           MB/kg         mg/kg           ND         50.0           78.7 %         mg/kg           mg/kg         mg/kg	Reporting           Result         Limit         Dilution           mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           MD         0.0250         1           91.7 %         70-130         70-130           mg/kg         mg/kg         Anal           74.8         25.0         1           ND         50.0         1           78.7 %         50-200           mg/kg         mg/kg         Anal	Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: CG           ND         0.0250         1         08/26/24           ND         0.0250         1         08/26/24           ND         0.0250         1         08/26/24           ND         0.0500         1         08/26/24           ND         0.0250         1         08/26/24           MD         0.0250         1         08/26/24           mg/kg         mg/kg         Analyst: CG           ND         20.0         1         08/26/24           mg/kg         mg/kg         Analyst: NV           74.8         25.0         1         08/26/24           ND         50.0         1         08/26/24           ND         50.0         1         08/26/24           Mg/kg         Mg/kg         Analyst: NV	Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: CG           ND         0.0250         1         08/26/24         08/26/24           ND         0.0500         1         08/26/24         08/26/24           ND         0.0250         1         08/26/24         08/26/24           mg/kg         mg/kg         Analyst: CG         08/26/24           ND         20.0         1         08/26/24         08/26/24           mg/kg         mg/kg         Analyst: CG         08/26/24         08/26/24           mg/kg         mg/kg         Analyst: NV         08/26/24         08/26/24           74.8         25.0         1         08/26/24         08/26/24           ND         50.0         1         08/26/24         08/26/24           ND         50.0         1         08/26/24         08/26/24

		€ 5 ,5 ,		ary Dat						
Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:		ebel 20 Feder 1058-0007	al 6Y				Reported:		
Artesia NM, 88210		Project Manager:	A	shley Gioven	go				8/27/2024 1:33:14PM	
	Volatile Organics by EP				21B				Analyst: CG	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2435005-BLK1)							Prepared: 0	8/26/24 A	nalyzed: 08/26/24	
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	7.34		8.00		91.8	70-130				
LCS (2435005-BS1)							Prepared: 0	8/26/24 A	nalyzed: 08/26/24	
Benzene	3.61	0.0250	5.00		72.3	70-130				
Ethylbenzene	3.53	0.0250	5.00		70.7	70-130				
Toluene	3.59	0.0250	5.00		71.9	70-130				
o-Xylene	3.52	0.0250	5.00		70.5	70-130				
p,m-Xylene	7.21	0.0500	10.0		72.1	70-130				
Total Xylenes	10.7	0.0250	15.0		71.5	70-130				
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.3	70-130				
Matrix Spike (2435005-MS1)				Source:	E408202-	04	Prepared: 0	8/26/24 A	nalyzed: 08/26/24	
Benzene	4.88	0.0250	5.00	ND	97.5	54-133				
Ethylbenzene	4.77	0.0250	5.00	ND	95.4	61-133				
Toluene	4.85	0.0250	5.00	ND	97.0	61-130				
o-Xylene	4.75	0.0250	5.00	ND	94.9	63-131				
p,m-Xylene	9.69	0.0500	10.0	ND	96.9	63-131				
Total Xylenes	14.4	0.0250	15.0	ND	96.3	63-131				
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.2	70-130				
Matrix Spike Dup (2435005-MSD1)				Source:	E408202-	04	Prepared: 0	8/26/24 A	nalyzed: 08/26/24	
Benzene	4.24	0.0250	5.00	ND	84.7	54-133	14.0	20		
Ethylbenzene	4.17	0.0250	5.00	ND	83.5	61-133	13.3	20		
Toluene	4.23	0.0250	5.00	ND	84.6	61-130	13.7	20		
o-Xylene	4.14	0.0250	5.00	ND	82.8	63-131	13.7	20		
p,m-Xylene	8.49	0.0500	10.0	ND	84.9	63-131	13.3	20		
Total Xylenes	12.6	0.0250	15.0	ND	84.2	63-131	13.4	20		

8.00

7.22

90.2

70-130



Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

## **QC Summary Data**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	_
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/27/2024 1:33:14PM

Artesia NM, 88210		Project Manage		shley Gioveng	go			8	3/27/2024 1:33:14PN
	Non	Nonhalogenated Organics by EPA 8015D - GRO					Analyst: CG		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2435005-BLK1)							Prepared: 0	8/26/24 An	alyzed: 08/26/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.01		8.00		100	70-130			
LCS (2435005-BS2)							Prepared: 0	8/26/24 An	alyzed: 08/26/24
Gasoline Range Organics (C6-C10)	41.0	20.0	50.0		82.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.1	70-130			
Matrix Spike (2435005-MS2)				Source:	E408202-	04	Prepared: 0	8/26/24 An	alyzed: 08/26/24
Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	ND	80.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.78		8.00		97.3	70-130			
Matrix Spike Dup (2435005-MSD2)				Source:	E408202-	04	Prepared: 0	8/26/24 An	alyzed: 08/26/24
Gasoline Range Organics (C6-C10)	39.0	20.0	50.0	ND	78.0	70-130	3.62	20	

8.00

7.85

98.1

70-130

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/27/2024 1:33:14PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				8/27/2024 1:33:14PI
	Nonha	logenated Or		Analyst: NV					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435001-BLK1)							Prepared: 0	8/26/24 An	nalyzed: 08/26/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	38.6		50.0		77.3	50-200			
LCS (2435001-BS1)							Prepared: 0	8/26/24 An	nalyzed: 08/26/24
Diesel Range Organics (C10-C28)	180	25.0	250		71.8	38-132			
Surrogate: n-Nonane	40.0		50.0		79.9	50-200			
Matrix Spike (2435001-MS1)				Source:	E408202-	08	Prepared: 0	8/26/24 An	nalyzed: 08/26/24
Diesel Range Organics (C10-C28)	183	25.0	250	ND	73.1	38-132			
Surrogate: n-Nonane	38.8		50.0		77.6	50-200			
Matrix Spike Dup (2435001-MSD1)				Source:	E408202-	08	Prepared: 0	8/26/24 An	nalyzed: 08/26/24
Diesel Range Organics (C10-C28)	187	25.0	250	ND	74.7	38-132	2.21	20	
Surrogate: n-Nonane	39.0		50.0		77.9	50-200			

Matrix Spike Dup (2435004-MSD1)

Chloride

## **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	0	ebel 20 Federa 1058-0007 shley Gioveng					<b>Reported:</b> 8/27/2024 1:33:14PM
		Anions	by EPA	300.0/9056	1				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2435004-BLK1)							Prepared: 0	8/26/24 Aı	nalyzed: 08/26/24
Chloride	ND	20.0							
LCS (2435004-BS1)							Prepared: 0	8/26/24 Aı	nalyzed: 08/26/24
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2435004-MS1)				Source:	E408200-	01	Prepared: 0	8/26/24 Aı	nalyzed: 08/26/24
Chloride	448	20.0	250	174	109	80-120			

250

20.0

Source: E408200-01

130

80-120

10.9

174

#### 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.



Prepared: 08/26/24 Analyzed: 08/26/24

20

#### **Definitions and Notes**

	Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
-	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/27/24 13:33

M1 Matrix spike recovery was above acceptance 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.



Released to Imaging: 2/12/2025 9:36:05 AM

Page	of 1
100	

	Clier	nt Inform	nation		1/10	Invoice Information					La	b Us	e Or	ly				TA	AT.		Sta	ite
Client: D	evon					Company: Devon		1	Lab \	WO#			Job	Num	ber		1D	2D	3D S	td	NM CO U	TITXI
Proiect:	Rebel 20 Fed	deral 6Y				Address: 205 E Bender Road #15	50				200					007					X	
	Nanager: Ash		engo			City, State, Zip: Hobbs NM, 8824										-01	1					
	3122 Nation					Phone: (575)748-1838			Г				Ana	lvsis	and	Met	hod			T	EPA Prog	ram
	e, Zip: Carls					Email: dale.woodall@dvn.com								,,							SDWA CWA	_
	575-988-005		COLLO			Aiscellaneous: Dale Woodall		-												1	SDVIII CVII	, item
	giovengo@ei		om			discellaneous. Dale Woodali					100									-	Compliance	or N
Linaii. a	sioverigoeeci	i i soiu i i i c	OIII				160			8015	3015									1	PWSID#	10111
				Sam	ple Inform	ation	14-			by 8	by 8	021	260	300.0	Σ×	X.	etal			ŀ	T W31D #	
Time			f	Jain	pic illioilli	action .	Ь	Lal	h	ORC	DRC	by 8	9 %	ide	-50	1005	∞ ≥				Remar	ks
Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Fiel	Lal Num	ber	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				nema	NO.
7:47	8/23/2024	S	1			SW07 - 0-4'		1							Х							
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I, (field sam		validity and	dauthentici			that tampering with or intentionally mislabel	ling the sa	mple loc	cation,	, date	or time	e of co	llectio	n is coi	nsider	ed frau	ıd and	may b	e ground	s for	legal action.	
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envirotech Inc.

Printed: 8/26/2024 7:48:17AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Pience   Gillo 3381-2121   Common	Client:	Devon Energy - Carlsbad	Date Received:	08/26/24	07:00	Work Order ID:	E408200
All and a Custody (COC)  1. Does the sample 1D match the COC? 2. Does the number of samples per sampling site location match the COC yes 3. Were samples topped of the yet clear or carrier? 4. Was the COC complete, i.e., signatures, datactimens, requested analyses? 5. Were all samples received within holding time? 5. Were all samples received within holding time? 6. Did the COC indicate standard TAT, or Expedited TAT? 7. We as a sample round received in this discussion.  Samule Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? 7. We as a sample cooler received in good condition? 7. We as a sample cooler received in good condition? 7. We as a sample cooler received in good condition? 8. Were custody/security seals intact? 8. Were custody/security seals intact? 8. Were custody/security seals intact? 8. No. 8. The mainter of sampling 8. If no visible ice, recerd the temperature. Actual sample temperature: 4°C 8. Sample Container 8. Are auquous OCC samples present? 8. Are auquous OCC samples present? 9. Are the head space less than 6°S mm (pas sized or less)? 9. Are the head space less than 6°S mm (pas sized or less)? 15. Are VOC samples collected in the correct containers? 16. Is the head space less than 6°S mm (pas sized or less)? 17. Was at rip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the appropriate volume-weight or number of sample containers of lected? 19. Were field sample labels filled out with the minimum information 19. Sample ID? 19. Does The COC or field labels indicate the samples were preserved? 10. No. 22. Are samples for or field labels indicate the samples were preserved? 10. No. 23. Are samples copiured to get sent to a subcontract laboratory? 24. Are samples to required of get sent to a subcontract laboratory? 25. Does the COC of field labels indicate the samples were preserved? 26. Does the sample have more than one phase, i.e., multiplasse? 27. If yes, does the COC specify which phase(g) is to be analyz	Phone:	(505) 382-1211	Date Logged In:	08/23/24	15:37	Logged In By:	Noe Soto
1. Does the sample ID match the COC? 2. Does the number of sampling site location match the COC 3. Does the number of sampling site location match the COC 3. Were samples dropped off by elicitor or carrier? 4. Was the COC complete, i.e., signatures, datastylines, requested analyses? 5. Were all samples received within holding time? 5. Were all samples received within holding time? 6. Did the COC indicate standard TAT, or Expedited TAT? 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 7. Was a sample (so locer received in good condition? 7. Was a sample (so locer received in good condition? 7. Was a sample received intext, i.e., not broken? 7. Was the sample received intext, i.e., not broken? 7. Was the sample received in its of the cooler received in good condition? 7. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C 7. Note: Thermal preservation is not required, if samples are received will 15 maintee of sampling 7. If no visible ice, record the temperature. Actual sample temperature. 7. Actual sample spresent? 7. Are NOC samples collected in VOA Viale? 7. Are NOC samples collected in VOA Viale? 7. Was a trip blank (TB) included for VOC analyses? 7. Na A ran on VOA samples collected in the correct containers? 7. Yes a trip blank (TB) included for VOC analyses? 8. Are non-VOC samples collected in the correct containers? 9. Is the pappropriate volume/weight or number of sample containers collected? 7. Was a trip blank (TB) included for VOC analyses? 8. Are non-VOC correctly preserved? 8. Are samples collected in the correct containers? 8. Sample Dropped by the collected of dissolved metals? 8. No. 8. Sample Dropped by the Collected of dissolved metals? 8. No. 8. S	Email:	ashley.giovengo@wescominc.com	Due Date:	08/26/24	17:00 (0 day TAT)		
1. Does the sample ID match the COC? 2. Does the number of sampling site location match the COC 3. Does the number of sampling site location match the COC 3. Were samples dropped off by elicitor or carrier? 4. Was the COC complete, i.e., signatures, datastylines, requested analyses? 5. Were all samples received within holding time? 5. Were all samples received within holding time? 6. Did the COC indicate standard TAT, or Expedited TAT? 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 7. Was a sample (so locer received in good condition? 7. Was a sample (so locer received in good condition? 7. Was a sample received intext, i.e., not broken? 7. Was the sample received intext, i.e., not broken? 7. Was the sample received in its of the cooler received in good condition? 7. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C 7. Note: Thermal preservation is not required, if samples are received will 15 maintee of sampling 7. If no visible ice, record the temperature. Actual sample temperature. 7. Actual sample spresent? 7. Are NOC samples collected in VOA Viale? 7. Are NOC samples collected in VOA Viale? 7. Was a trip blank (TB) included for VOC analyses? 7. Na A ran on VOA samples collected in the correct containers? 7. Yes a trip blank (TB) included for VOC analyses? 8. Are non-VOC samples collected in the correct containers? 9. Is the pappropriate volume/weight or number of sample containers collected? 7. Was a trip blank (TB) included for VOC analyses? 8. Are non-VOC correctly preserved? 8. Are samples collected in the correct containers? 8. Sample Dropped by the collected of dissolved metals? 8. No. 8. Sample Dropped by the Collected of dissolved metals? 8. No. 8. S	GL :	f.c. + 1 (COC)					
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3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, attachimes, requested analyses? 5. Were all samples received within holding time? 5. Nete: Alamysis, such as pH which should be conducted in the field. 1.e. 15 must hold time, are not included in this dissession.  Samule Turn Around Time (TAT) 6. Did the COC indicates standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 8. Hyse, was cooler received in good condition? 9. Wes the sample(s) received intact, i.e., not broken? 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals intact? 11. Hyse, were custody/security seals intact? 12. Was the sample received on itse? If yes, the recorded temp is 4°C, i.e., 6*2°C Not: Thermal preservation is not required, if samples are received wil 15 minutes of sampling 13. If no visible i.e., record the temperature. Actual sample temperature: 4°C 8 Sample Container 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Visils? 16. Is the head space less than 6-8 mm (pas sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 18. Are non-VOC samples collected in the correct containers? 19. Is the parportiate volume/weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: 8 Sample Preservation 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Les sample Labels indicate the samples were preserved? 24. Is lab filleration required and/or requested for dissolved metals? 25. No. Therefore the containers collected? 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples perple have more than one phase, i.e., multiphase? 29. Was a subcontract Laboratory, specified by the client and if so who? 30. Subcontract Labroratory, specified by the client and if so who? 31. Are samples		•	ch the COC				
4. Was the COC complete, i.e., signatures, datest times, requested analyses?  5. Were all samples received within holding time?  Note Analysis, such as pill which should be conducted in the field.  i.e., 15 minute hold time, are not included in this dissuession.  Samule Turn Around Time (TAT)  6. Did the COC indicate standard TAT, or Expedited TAT?  7. Was a sample cooler received?  7. Was a sample cooler received?  8. If yes, was cooler received in good condition?  9. Was the sample spot preceived in good condition?  11. If yes, were custody/security seals intact?  12. Was the sample review of un'e? If yes, the recorded lemp is 4°C, i.e., 6°12°C  Note: Thermal preservation is not required, if samples are received wii 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?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pas sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Date Time Collected?  10. Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  22. Are samples, or orectly preserved?  23. La re samples, or orectly more than one phase, i.e., multiphase?  24. Is lab filteration required and/or requested for dissolved metals?  No Multiphase Sample Matrix.  25. Does the sample have more than one phase, i.e., multiphase?  26. Was a subcontract Laboratory specified by the client and if so who?  27. Was a subcontract Laboratory specified by the client and if so who?  28. Are samples to give since to a subcontract laboratory?  No Subcontract Lab.			in the COC		a : a :		
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11. If yes, were custody/security seals intact??  12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received wii 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?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name?  21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved?  23. Las sample(s) correctly preserved?  24. Is lab filteration required and/or requested for dissolved metals?  No  Multiphase Sample Matrix  25. Does the sample have more than one phase, i.e., multiphase?  27. If yes, does the COC specify which phase(s) is to be analyzed?  28. Are samples required to get sent to a subcontract laboratory?  28. Are samples required to get sent to a subcontract laboratory?  28. Are samples required to get sent to a subcontract laboratory?  29. Was a subcontract Laboratory specified by the client and if so who?  No	9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C 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?  15. Are VOC samples collected in VOA Vials?  16. Is the head space less than 6-8 mm (pea sized or less)?  17. Was a trip blank (TB) included for VOC analyses?  18. Are non-VOC samples collected in the correct containers?  19. Is the appropriate volume/weight or number of sample containers collected?  19. Were field sample labels filled out with the minimum information:  Sample ID?  No  Sample Preservation  21. Does the COC or field labels indicate the samples were preserved?  24. Is lab filteration required and/or requested for dissolved metals?  No  Multiphase Sample Matrix  26. Does the sample have more than one phase, i.e., multiphase?  27. If yes, does the COC specify which phase(s) is to be analyzed?  No  Subcontract Laberatory  28. Are samples required to get sent to a subcontract laboratory?  No  Subcontract Lab: NA	10. Were	custody/security seals present?		No			
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29. Was a subcontract laboratory specified by the client and if so who?  NA Subcontract Lab: NA	Subcont	ract Laboratory					
Client Instruction			-		Subcontract Lab: NA		
	Client I	<u>nstruction</u>					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

Devon Energy - Carlsbad

Project Name: Rebel 20 Federal 6Y

Work Order: E408204

Job Number: 01058-0007

Received: 8/24/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 8/30/24

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

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

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

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

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

Date Reported: 8/30/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Rebel 20 Federal 6Y

Workorder: E408204

Date Received: 8/24/2024 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/24/2024 7:00:00AM, under the Project Name: Rebel 20 Federal 6Y.

The analytical test results summarized in this report with the Project Name: Rebel 20 Federal 6Y apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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### **Sample Summary**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/30/24 13:41

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS30 - 1.5'	E408204-01A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS33 - 0.5'	E408204-02A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS34 - 0.5'	E408204-03A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS35 - 0.5'	E408204-04A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS36 - 0.5'	E408204-05A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS37 - 0.5'	E408204-06A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS41 - 1'	E408204-07A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS42 - 1'	E408204-08A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS53 - 0.5'	E408204-09A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS54 - 0.5'	E408204-10A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS55 - 0.5'	E408204-11A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS56 - 0.5'	E408204-12A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
FS57 - 0.5'	E408204-13A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
SW01 - 0-2.5'	E408204-14A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.
SW05 - 0-2'	E408204-15A	Soil	08/22/24	08/24/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### FS30 - 1.5' E408204-01

		E408204-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilution	Frepared	Allalyzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2435007
Benzene	ND	0.0250	1	08/26/24	08/26/24	
Ethylbenzene	ND	0.0250	1	08/26/24	08/26/24	
Toluene	ND	0.0250	1	08/26/24	08/26/24	
p-Xylene	ND	0.0250	1	08/26/24	08/26/24	
o,m-Xylene	ND	0.0500	1	08/26/24	08/26/24	
Total Xylenes	ND	0.0250	1	08/26/24	08/26/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2435007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2435003
Diesel Range Organics (C10-C28)	ND	25.0	1	08/26/24	08/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/26/24	08/27/24	
Surrogate: n-Nonane		79.7 %	50-200	08/26/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2435009
Chloride	352	20.0	1	08/26/24	08/26/24	
nionae	332	20.0	1	00/20/24	00/20/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### FS33 - 0.5' E408204-02

		E408204-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2435007
Benzene	ND	0.0250	1	08/26/24	08/26/24	
Ethylbenzene	ND	0.0250	1	08/26/24	08/26/24	
Toluene	ND	0.0250	1	08/26/24	08/26/24	
o-Xylene	ND	0.0250	1	08/26/24	08/26/24	
p,m-Xylene	ND	0.0500	1	08/26/24	08/26/24	
Total Xylenes	ND	0.0250	1	08/26/24	08/26/24	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2435007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.2 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2435003
Diesel Range Organics (C10-C28)	319	25.0	1	08/26/24	08/27/24	
Oil Range Organics (C28-C36)	110	50.0	1	08/26/24	08/27/24	
Surrogate: n-Nonane		76.2 %	50-200	08/26/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2435009
Chloride	102	20.0	1	08/26/24	08/26/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

### FS34 - 0.5'

		E408204-03					
Reporting							
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2435007	
Benzene	ND	0.0250	1	08/26/24	08/26/24		
Ethylbenzene	0.0656	0.0250	1	08/26/24	08/26/24		
Toluene	ND	0.0250	1	08/26/24	08/26/24		
o-Xylene	0.153	0.0250	1	08/26/24	08/26/24		
p,m-Xylene	0.479	0.0500	1	08/26/24	08/26/24		
Total Xylenes	0.633	0.0250	1	08/26/24	08/26/24		
Surrogate: 4-Bromochlorobenzene-PID		112 %	70-130	08/26/24	08/26/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2435007	
Gasoline Range Organics (C6-C10)	27.4	20.0	1	08/26/24	08/26/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	08/26/24	08/26/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2435003	
Diesel Range Organics (C10-C28)	1800	25.0	1	08/26/24	08/27/24		
Oil Range Organics (C28-C36)	619	50.0	1	08/26/24	08/27/24		
Surrogate: n-Nonane		84.5 %	50-200	08/26/24	08/27/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: IY		Batch: 2435009	
Chloride	305	20.0	1	08/26/24	08/26/24		



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### FS35 - 0.5' E408204-04

		E408204-04				
Apolyto	Result	Reporting Limit	Dilution	Dronoro d	Analyzed	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435007
Benzene	ND	0.0250	1	08/26/24	08/26/24	
Ethylbenzene	ND	0.0250	1	08/26/24	08/26/24	
Toluene	ND	0.0250	1	08/26/24	08/26/24	
o-Xylene	ND	0.0250	1	08/26/24	08/26/24	
p,m-Xylene	ND	0.0500	1	08/26/24	08/26/24	
Total Xylenes	ND	0.0250	1	08/26/24	08/26/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2435003
Diesel Range Organics (C10-C28)	186	25.0	1	08/26/24	08/27/24	
Oil Range Organics (C28-C36)	70.0	50.0	1	08/26/24	08/27/24	
Surrogate: n-Nonane		78.4 %	50-200	08/26/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2435009
Chloride	335	20.0	1	08/26/24	08/26/24	·



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### FS36 - 0.5' E408204-05

		E408204-05				
	D. I	Reporting		D. I		N
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2435007
Benzene	ND	0.0250	1	08/26/24	08/26/24	
Ethylbenzene	ND	0.0250	1	08/26/24	08/26/24	
Toluene	ND	0.0250	1	08/26/24	08/26/24	
o-Xylene	0.0289	0.0250	1	08/26/24	08/26/24	
p,m-Xylene	0.0563	0.0500	1	08/26/24	08/26/24	
Total Xylenes	0.0851	0.0250	1	08/26/24	08/26/24	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2435007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2435003
Diesel Range Organics (C10-C28)	775	25.0	1	08/26/24	08/27/24	
Oil Range Organics (C28-C36)	249	50.0	1	08/26/24	08/27/24	
Surrogate: n-Nonane		74.7 %	50-200	08/26/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2435009
Chloride	141	20.0	1	08/26/24	08/26/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

### FS37 - 0.5'

		E408204-06					
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2435007	
Benzene	ND	0.0250	1	08/26/24	08/26/24		
Ethylbenzene	0.0486	0.0250	1	08/26/24	08/26/24		
Toluene	ND	0.0250	1	08/26/24	08/26/24		
o-Xylene	0.132	0.0250	1	08/26/24	08/26/24		
p,m-Xylene	0.392	0.0500	1	08/26/24	08/26/24		
Total Xylenes	0.525	0.0250	1	08/26/24	08/26/24		
Surrogate: 4-Bromochlorobenzene-PID		110 %	70-130	08/26/24	08/26/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2435007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/26/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.8 %	70-130	08/26/24	08/26/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2435003	
Diesel Range Organics (C10-C28)	625	25.0	1	08/26/24	08/27/24		
Oil Range Organics (C28-C36)	178	50.0	1	08/26/24	08/27/24		
Surrogate: n-Nonane		81.8 %	50-200	08/26/24	08/27/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2435009	
Chloride	189	20.0	1	08/26/24	08/26/24		



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### FS41 - 1' E408204-07

	E-100201 07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2435007
ND	0.0250	1	08/26/24	08/26/24	
ND	0.0250	1	08/26/24	08/26/24	
ND	0.0250	1	08/26/24	08/26/24	
ND	0.0250	1	08/26/24	08/26/24	
ND	0.0500	1	08/26/24	08/26/24	
ND	0.0250	1	08/26/24	08/26/24	
	104 %	70-130	08/26/24	08/26/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2435007
ND	20.0	1	08/26/24	08/26/24	
	94.6 %	70-130	08/26/24	08/26/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2435003
ND	25.0	1	08/26/24	08/27/24	
ND	50.0	1	08/26/24	08/27/24	
	75.6 %	50-200	08/26/24	08/27/24	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2435009
ND	20.0	1	08/26/24	08/26/24	
	mg/kg ND Mg/kg ND mg/kg	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           IO4 %         mg/kg           MD         20.0           94.6 %         mg/kg           ND         25.0           ND         50.0           75.6 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Anal           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           MD         0.0250         1           MD         70-130         1           Mg/kg         mg/kg         Anal           ND         20.0         1           Mg/kg         mg/kg         Anal           ND         25.0         1           ND         50.0         1           75.6 %         50-200           mg/kg         mg/kg         Anal	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         08/26/24           ND         0.0250         1         08/26/24           ND         0.0250         1         08/26/24           ND         0.0250         1         08/26/24           ND         0.0500         1         08/26/24           ND         0.0250         1         08/26/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         08/26/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         08/26/24           ND         25.0         1         08/26/24           ND         50.0         1         08/26/24           ND         50.0         1         08/26/24           ND         50.0         0         08/26/24           Mg/kg         mg/kg         Analyst: NV	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         08/26/24         08/26/24           ND         0.0250         1         08/26/24         08/26/24           ND         0.0250         1         08/26/24         08/26/24           ND         0.0500         1         08/26/24         08/26/24           ND         0.0250         1         08/26/24         08/26/24           ND         0.0250         1         08/26/24         08/26/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         08/26/24         08/26/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         08/26/24         08/26/24           mg/kg         mg/kg         Analyst: NV           ND         25.0         1         08/26/24         08/27/24           ND         25.0         1         08/26/24         08/27/24           ND         50.0         1         08/26/24         08/27/24           ND         50.0         <



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

### FS42 - 1'

		E408204-08					
Reporting							
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2435007	
Benzene	ND	0.0250	1	08/26/24	08/26/24		
Ethylbenzene	ND	0.0250	1	08/26/24	08/26/24		
Toluene	ND	0.0250	1	08/26/24	08/26/24		
o-Xylene	ND	0.0250	1	08/26/24	08/26/24		
p,m-Xylene	ND	0.0500	1	08/26/24	08/26/24		
Total Xylenes	ND	0.0250	1	08/26/24	08/26/24		
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	08/26/24	08/26/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2435007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/26/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	08/26/24	08/26/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2435003	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/26/24	08/27/24		
Oil Range Organics (C28-C36)	ND	50.0	1	08/26/24	08/27/24		
Surrogate: n-Nonane		83.7 %	50-200	08/26/24	08/27/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: IY		Batch: 2435009	
Chloride	ND	20.0	1	08/26/24	08/26/24		



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### FS53 - 0.5' E408204-09

E400204-07						
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2435007
Benzene	ND	0.0250	1	08/26/24	08/26/24	
Ethylbenzene	ND	0.0250	1	08/26/24	08/26/24	
Toluene	ND	0.0250	1	08/26/24	08/26/24	
o-Xylene	ND	0.0250	1	08/26/24	08/26/24	
p,m-Xylene	ND	0.0500	1	08/26/24	08/26/24	
Total Xylenes	ND	0.0250	1	08/26/24	08/26/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2435007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2435003
Diesel Range Organics (C10-C28)	34.8	25.0	1	08/26/24	08/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/26/24	08/27/24	
Surrogate: n-Nonane		63.4 %	50-200	08/26/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2435009
Chloride	70.3	20.0	1	08/26/24	08/26/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### FS54 - 0.5' E408204-10

		E408204-10				
Austra	Result	Reporting Limit	Dilution	D	A la d	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435007
Benzene	ND	0.0250	1	08/26/24	08/26/24	
Ethylbenzene	ND	0.0250	1	08/26/24	08/26/24	
Toluene	ND	0.0250	1	08/26/24	08/26/24	
o-Xylene	ND	0.0250	1	08/26/24	08/26/24	
p,m-Xylene	ND	0.0500	1	08/26/24	08/26/24	
Total Xylenes	ND	0.0250	1	08/26/24	08/26/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/26/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	08/26/24	08/26/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2435003
Diesel Range Organics (C10-C28)	ND	25.0	1	08/26/24	08/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/26/24	08/27/24	
Surrogate: n-Nonane		67.7 %	50-200	08/26/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2435009
Chloride	489	20.0	1	08/26/24	08/26/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### FS55 - 0.5'

		E408204-11					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435007	
Benzene	ND	0.0250	1	08/26/24	08/26/24		
Ethylbenzene	ND	0.0250	1	08/26/24	08/26/24		
Toluene	ND	0.0250	1	08/26/24	08/26/24		
o-Xylene	ND	0.0250	1	08/26/24	08/26/24		
p,m-Xylene	ND	0.0500	1	08/26/24	08/26/24		
Total Xylenes	ND	0.0250	1	08/26/24	08/26/24		
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	08/26/24	08/26/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/26/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.9 %	70-130	08/26/24	08/26/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2435003	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/26/24	08/27/24		
Oil Range Organics (C28-C36)	ND	50.0	1	08/26/24	08/27/24		
Surrogate: n-Nonane		66.0 %	50-200	08/26/24	08/27/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2435009	
Chloride	185	20.0	1	08/26/24	08/26/24		



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### FS56 - 0.5' E408204-12

E400204-12						
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
,	mg/kg	mg/kg	An	alyst: BA	<u> </u>	Batch: 2435007
Volatile Organics by EPA 8021B  Benzene	ND	0.0250	1	08/26/24	08/27/24	Batch: 2 133007
Ethylbenzene	ND	0.0250	1	08/26/24	08/27/24	
Toluene	ND	0.0250	1	08/26/24	08/27/24	
o-Xylene	ND	0.0250	1	08/26/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/26/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/26/24	08/27/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	08/26/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2435007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	08/26/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2435003
Diesel Range Organics (C10-C28)	227	25.0	1	08/26/24	08/27/24	
Oil Range Organics (C28-C36)	66.6	50.0	1	08/26/24	08/27/24	
Surrogate: n-Nonane		62.5 %	50-200	08/26/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2435009
Chloride	157	20.0	1	08/26/24	08/26/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### FS57 - 0.5' E408204-13

Reporting Limit mg/kg	Dilution Analysi	Prepared	Analyzed	Notes
	Analysi	-		
	1 11111 9 51	t: BA		Batch: 2435007
0.0250	1	08/26/24	08/27/24	
0.0250	1	08/26/24	08/27/24	
0.0250	1	08/26/24	08/27/24	
0.0250	1	08/26/24	08/27/24	
0.0500	1	08/26/24	08/27/24	
0.0250	1	08/26/24	08/27/24	
103 %	70-130	08/26/24	08/27/24	
mg/kg	Analys	:: BA		Batch: 2435007
20.0	1	08/26/24	08/27/24	
96.2 %	70-130	08/26/24	08/27/24	
mg/kg	Analysi	t: NV		Batch: 2435003
25.0	1	08/26/24	08/27/24	
50.0	1	08/26/24	08/27/24	
71.7 %	50-200	08/26/24	08/27/24	
mg/kg	Analysi	t: IY		Batch: 2435009
20.0	1	08/26/24	08/26/24	
	0.0250 0.0250 0.0500 0.0250  103 %  mg/kg 20.0  96.2 %  mg/kg 25.0 50.0  71.7 %  mg/kg	0.0250 1 0.0250 1 0.0250 1 0.0500 1 0.0250 1  103 % 70-130  mg/kg Analyst 20.0 1  96.2 % 70-130  mg/kg Analyst 25.0 1 50.0 1  71.7 % 50-200  mg/kg Analyst	0.0250 1 08/26/24 0.0250 1 08/26/24 0.0500 1 08/26/24 0.0250 1 08/26/24 0.0250 1 08/26/24  103 % 70-130 08/26/24  mg/kg Analyst: BA  20.0 1 08/26/24  mg/kg Analyst: NV  25.0 1 08/26/24 50.0 1 08/26/24  71.7 % 50-200 08/26/24  mg/kg Analyst: IY	0.0250 1 08/26/24 08/27/24 0.0250 1 08/26/24 08/27/24 0.0500 1 08/26/24 08/27/24 0.0250 1 08/26/24 08/27/24 0.0250 1 08/26/24 08/27/24  103 % 70-130 08/26/24 08/27/24  mg/kg Analyst: BA  20.0 1 08/26/24 08/27/24  96.2 % 70-130 08/26/24 08/27/24  mg/kg Analyst: NV  25.0 1 08/26/24 08/27/24 50.0 1 08/26/24 08/27/24  71.7 % 50-200 08/26/24 08/27/24  mg/kg Analyst: IY



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### SW01 - 0-2.5'

		E408204-14					
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2435007	
Benzene	ND	0.0250	1	08/26/24	08/27/24		
Ethylbenzene	ND	0.0250	1	08/26/24	08/27/24		
Toluene	ND	0.0250	1	08/26/24	08/27/24		
o-Xylene	ND	0.0250	1	08/26/24	08/27/24		
p,m-Xylene	ND	0.0500	1	08/26/24	08/27/24		
Total Xylenes	ND	0.0250	1	08/26/24	08/27/24		
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	08/26/24	08/27/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2435007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/27/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	08/26/24	08/27/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2435003	
Diesel Range Organics (C10-C28)	ND	25.0	1	08/26/24	08/27/24		
Oil Range Organics (C28-C36)	ND	50.0	1	08/26/24	08/27/24		
Surrogate: n-Nonane		69.5 %	50-200	08/26/24	08/27/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2435009	
Chloride	83.6	20.0	1	08/26/24	08/26/24		



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

#### SW05 - 0-2' E408204-15

		E400204-13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2435007
Benzene	ND	0.0250	1	08/26/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/26/24	08/27/24	
Toluene	ND	0.0250	1	08/26/24	08/27/24	
o-Xylene	ND	0.0250	1	08/26/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/26/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/26/24	08/27/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	08/26/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2435007
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/26/24	08/27/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	08/26/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2435003
Diesel Range Organics (C10-C28)	ND	25.0	1	08/26/24	08/27/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/26/24	08/27/24	
Surrogate: n-Nonane		69.4 %	50-200	08/26/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2435009
Chloride	ND	20.0	1	08/26/24	08/26/24	



		QC S	umma	ary Dat	a						
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	ebel 20 Feder 1058-0007 shley Gioven				<b>Reported:</b> 8/30/2024 1:41:17PM			
<u> </u>		Volatile O									
		volatile O	games	Uy ETA 002	21D				Analyst: BA		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2435007-BLK1)							Prepared: 0	8/26/24 A	Analyzed: 08/26/24		
Benzene	ND	0.0250					1				
Ethylbenzene	ND	0.0250									
Foluene	ND	0.0250									
o-Xylene	ND	0.0250									
n,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130					
LCS (2435007-BS1)							Prepared: 0	8/26/24 A	Analyzed: 08/26/24		
Benzene	5.18	0.0250	5.00		104	70-130					
Ethylbenzene	5.17	0.0250	5.00		103	70-130					
Coluene	5.22	0.0250	5.00		104	70-130					
o-Xylene	5.16	0.0250	5.00		103	70-130					
p,m-Xylene	10.5	0.0500	10.0		105	70-130					
Cotal Xylenes	15.7	0.0250	15.0		105	70-130					
Surrogate: 4-Bromochlorobenzene-PID	8.16		8.00		102	70-130					
Matrix Spike (2435007-MS1)				Source:	E408204-	05	Prepared: 0	8/26/24 A	Analyzed: 08/26/24		
Benzene	4.95	0.0250	5.00	ND	99.1	54-133					
Ethylbenzene	4.95	0.0250	5.00	ND	99.0	61-133					
oluene	4.99	0.0250	5.00	ND	99.7	61-130					
-Xylene	5.06	0.0250	5.00	0.0289	101	63-131					
,m-Xylene	10.1	0.0500	10.0	0.0563	101	63-131					
Total Xylenes	15.2	0.0250	15.0	0.0851	101	63-131					
Surrogate: 4-Bromochlorobenzene-PID	8.76		8.00		109	70-130					
Matrix Spike Dup (2435007-MSD1)				Source:	E408204-	05	Prepared: 0	8/26/24 A	Analyzed: 08/26/24		
Benzene	4.66	0.0250	5.00	ND	93.1	54-133	6.18	20			
Ethylbenzene	4.68	0.0250	5.00	ND	93.7	61-133	5.50	20			
Toluene	4.70	0.0250	5.00	ND	94.0	61-130	5.91	20			
o-Xylene	4.79	0.0250	5.00	0.0289	95.2	63-131	5.50	20			
V-1	0.60	0.0500	10.0	0.0562	05.5	62 121	5.51	20			

10.0

15.0

8.00

0.0500

0.0250

0.0563

0.0851

95.5

95.4

63-131

63-131

70-130

5.54

5.53

20

20



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

9.60

14.4

8.61

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			8	/30/2024 1:41:17PM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435007-BLK1)							Prepared: 0	8/26/24 Ana	alyzed: 08/26/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.2	70-130			
LCS (2435007-BS2)							Prepared: 0	8/26/24 Ana	alyzed: 08/26/24
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0		94.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00		98.4	70-130			
Matrix Spike (2435007-MS2)				Source:	E408204-	05	Prepared: 0	8/26/24 Ana	alyzed: 08/26/24
Gasoline Range Organics (C6-C10)	54.5	20.0	50.0	ND	109	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00		97.6	70-130			
Matrix Spike Dup (2435007-MSD2)				Source:	E408204-	05	Prepared: 0	8/26/24 Ana	alyzed: 08/26/24
Gasoline Range Organics (C6-C10)	55.2	20.0	50.0	ND	110	70-130	1.19	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	8/30/2024 1:41:17PM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go				8/30/2024 1:41:17PN
	Nonha	logenated Or	ganics by l	EPA 8015I	D - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435003-BLK1)							Prepared: 0	8/26/24 An	alyzed: 08/27/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	40.3		50.0		80.7	50-200			
LCS (2435003-BS1)							Prepared: 0	8/26/24 An	alyzed: 08/27/24
Diesel Range Organics (C10-C28)	174	25.0	250		69.6	38-132			
urrogate: n-Nonane	40.5		50.0		81.0	50-200			
Matrix Spike (2435003-MS1)				Source:	E408204-	15	Prepared: 0	8/26/24 An	alyzed: 08/27/24
Diesel Range Organics (C10-C28)	181	25.0	250	ND	72.5	38-132			
urrogate: n-Nonane	37.6		50.0		75.1	50-200			
Matrix Spike Dup (2435003-MSD1)				Source:	E408204-	15	Prepared: 0	8/26/24 An	alyzed: 08/27/24
Diesel Range Organics (C10-C28)	189	25.0	250	ND	75.4	38-132	3.93	20	
urrogate: n-Nonane	40.5		50.0		81.0	50-200			

Devon Energy - Carlsbad		Project Name:	ebel 20 Feder				Reported:				
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: 01058-0007 Project Manager: Ashley Giovengo								8/30/2024 1:41:17PM		
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: IY		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2435009-BLK1)							Prepared: 0	8/26/24 A	analyzed: 08/26/24		
Chloride	ND	20.0									
LCS (2435009-BS1)							Prepared: 0	8/26/24 A	analyzed: 08/26/24		
Chloride	248	20.0	250		99.1	90-110					
Matrix Spike (2435009-MS1)				Source:	E408204-	03	Prepared: 0	8/26/24 A	analyzed: 08/26/24		
Chloride	550	20.0	250	305	98.0	80-120					
Matrix Spike Dup (2435009-MSD1)				Source:	E408204-	03	Prepared: 0	8/26/24 A	analyzed: 08/26/24		
Chloride	567	20.0	250	305	105	80-120	3.02	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:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	08/30/24 13:41

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain	of	Custody	

Page	of
0	

Client Information Invoice Information								n Lab Use Only TAT							State				
	Devon Rebel 20 Fe Manager: As		vengo			Company: Devon Address: 205 E Bender Road City, State, Zip: Hobbs NM, 3			ab W	082	104		Num 58-		7	1D	2D	3D Std	NM CO UT TX
Address	: 3122 Natio	nal Parks	Hwy			Phone: (575)748-1838	00240		Г			Ana	alysis	and	Met	hod			EPA Program
	te, Zip: Carls 575-988-005		88220		-	Email: dale.woodall@dvn.	com												SDWA CWA RCRA
	giovengo@e		com			Miscellaneous: Dale Woodall				10 10									Compliance Y or N
			2 I 3							y 801	y 8015		0.0	-	×	sls			PWSID#
Time				Sam	ple Infori	mation		T		RO b	v 802	, 8260	le 300	N.	1- 500	Met			
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	per	DRO/ORO by 8015	GRO/DRO by BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	ICEQ 1005 - TX	RCRA 8 Metals			Remarks
0751	8/22/24	Soil	1	FS"	30 -	1.5'		1						X					
0610	8/22/24	Soil	1	FS:	33 - [	0.5'		2						χ					
0812	8/22/24	50:1	ı	FS.	34 -	0.5"		3						X					
1136	6/22/24	Soil	ı	FS ?	55 - 1	0.5'		4						χ					
0816	8/22/24	Soil	t	F33	6 - 0	0.5'		5						X					
0818	8/22/24	50:1	1	F53	7 - 0	0.5'		6						χ					
0834	8/22/24	50:1	1	FS4	1 - 1	1		7						χ					
0832	8/22/24	Soil	1	F547	1-1'			8						χ					
0820	8/22/24	50:1	l	F553	-0.5	1		9						χ					
0822	8/22/24		1		-0.5			10						χ					
Addition	al Instructio	ns: Plea	ase CC: cb	urton@e	nsolum.c	com, agiovengo@ensolum.com	n, dale.woo	dall@	dvn.	com,	cham	ilton@	ens	olum	.com	n, ies	trell	a@ensol	um.com,
I, (field samp	oler), attest to the	validity and	authenticity	of this samp	le. I am awai	re that tampering with or intentionally mis	labeling the sar	nple locat	tion, d	ate or t	ime of o	ollection	is con	sidere	d frauc	d and n	nay be	grounds for	r legal action.
1	ed by: (Signatur		> Date 8/2	3/24	Time 1130	Received by: (Signature)	les 8.	13-24		me     C	30								ust be received on ice the day they are g temp above 0 but less than 6 °C on
	ed by (Signatur	- 6.0	-	23.24	Time 1641			13.2	Y Tir	me 17c	oo.			Rece	ived	on ic	ce:	Lab Us	se Only I
Relinquished by: (Signature)  Date  Received by: (Signature)  Date  Time  Received by: (Signature)  Pare Time  Received by: (Signature)  Received by: (Signature)					Date 8-2	24.24	_	70 070	20		4	T1	Tem			T2	<u>T3</u>		
	rix: S - Soil, Sd - So						Cont	ainer T	ype: {	g - gla	ss, p -	poly/p	lastic	, ag -	amb	er gla	iss. v	- VOA	
vote: Sam	oles are discard	ed 14 days	after results	are repor	ted unless o	other arrangements are made. Hazard	ous samples	will be re	eturne	ed to c	lient or	dispos	ed of	at the	client	t expe	nse. T	he report	for the analysis of the above

vote. 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 amples 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.



	Clie	nt Inform	ation			Invoice Information	on Lab Use Only TAT								State					
Client: D	evon					Company: Devon			ab V				Job	Num	ber		1D	2D	3D Sto	NM CO UT TX
	Rebel 20 Fee					Address: 205 E Bender Road #15	0		E4	08	320	)4	610	58	-00	10	X			X
Project N	Manager: As	hley Giov	engo			City, State, Zip: Hobbs NM, 8824	00													
	3122 Natio					Phone: (575)748-1838							Ana	lysis	and	Met	hod			EPA Program
-	e, Zip: Carls		88220			Email: dale.woodall@dvn.com														SDWA CWA RCRA
	575-988-005				\	Aiscellaneous: Dale Woodall														
Email: a	giovengo@e	nsolum.c	om							8015	8015									Compliance Y or N
										by 8(		21	20	0.00	Σ	×	tals			PWSID#
August 1		r		Samp	ole Inform	ation		1		ORO	ORO	oy 80	y 82	de 3(	S.	- 500	8 Me			Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	ber	DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks
0425	8/22/24	Soil	l	F55	5 - 0.	5	N.	11							χ					
0827	8/22/24	Soil	l	FS 50	4 - 0.	5		12	2						X					
0829	6/22/24	Soil	1	F55	1 - 0.	5 '		17	3						χ					
1901	8/22/14	50:1	1		- 0-			10	-						X					
1410	4/22/24	5011	1	SWOS	- 0-	2'		15	5						χ					
								10												
Addition	al Instructio	ons: Ple	ase CC: ch	urton@e	nsolum.co	m, agiovengo@ensolum.com, da	ale.wo	odall@	dvn	cor	n. ch	amil	ton(	Dens	olun	n.cor	n. ies	trell	a@ensc	lum.com.
	ensolum.con					,				06.86										,
						that tampering with or intentionally mislabel	ng the sa	mple loca	ation,	date d	or time	e of co	llectio	n is co	nsider	ed frau	d and i	may be	grounds f	or legal action.
Sampled by:	Chad Hami	lton, Brando			,		-	_												
Relinquish	ed by: (Signatu	re)	Date	-0.7-1	Time	Received by: (Signature)	Date	77.21	4	Time	130				25 (100)	Comments of the	1000	2301500		nust be received on ice the day they are wg temp above 0 but less than 6 °C on
n/A	11 BRICE (3)			23/24	1130	reliqueste Gorgan	80	484	1						subser	ment d	avs	, a c i i c i		
	ed by (Signatu	64		23:24	Time 1640		0	23.	24	17	700			Received on ice: Lab Use Only					AND CONTRACTOR OF CONTRACTOR O	
, 4.3	ed by: (Signatu 人			23.24	2315	Received by: (Signature)		24-2			70	0			<u>T1</u>				<u>T2</u>	<u>T3</u>
	ed by: (Signatu		Date		Time	Received by: (Signature)	Date			Time						Ten				
12000116	rix: <b>S</b> - Soil, <b>Sd</b> - S							tainer '		100							_			
						her arrangements are made. Hazardous vith this COC. The liability of the laborato										e clier	nt expe	ense.	The repor	t for the analysis of the above

envirotech

envirotech Inc.

Printed: 8/26/2024 8:12:38AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/26/24 (	07:00	Work Order ID:	E408204
Phone:	(505) 382-1211	Date Logged In:	08/23/24 1	16:23	Logged In By:	Noe Soto
Email:	ashley.giovengo@wescominc.com	Due Date:	08/30/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does th	ne sample ID match the COC?		Yes			
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Cou	<u>irier</u>	
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes		<u>Commen</u>	nts/Resolution
Sample T	Turn Around Time (TAT)					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	Cooler					
7. Was a s	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C.  Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C			
Sample C		· · · · · · ·	<del>-</del>			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lal	•	ners conceica.	105			
	field sample labels filled out with the minimum info	ormation.				
	ample ID?		Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
Sample F	<u>Preservation</u>					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	se?	No			
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborato	ry?	No			
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab: N	JA	
	nstruction .					
CHCHT	isti uction					

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

Practical Solutions for a Better Tomorrow

### **Analytical Report**

Devon Energy - Carlsbad

Project Name: Rebel 20 Federal 6Y

Work Order: E408221

Job Number: 01058-0007

Received: 8/27/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/3/24

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: 9/3/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Rebel 20 Federal 6Y

Workorder: E408221

Date Received: 8/27/2024 5:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/27/2024 5:00:00AM, under the Project Name: Rebel 20 Federal 6Y.

The analytical test results summarized in this report with the Project Name: Rebel 20 Federal 6Y apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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### Sample Summary

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/03/24 12:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW06 - 0-3'	E408221-01A	Soil	08/23/24	08/26/24	Glass Jar, 2 oz.
FS48 - 4'	E408221-02A	Soil	08/23/24	08/26/24	Glass Jar, 2 oz.
FS49 - 4'	E408221-03A	Soil	08/23/24	08/26/24	Glass Jar, 2 oz.
FS47 - 4'	E408221-04A	Soil	08/23/24	08/26/24	Glass Jar, 2 oz.
FS46 - 4'	E408221-05A	Soil	08/23/24	08/26/24	Glass Jar, 2 oz.
FS50 - 4'	E408221-06A	Soil	08/23/24	08/26/24	Glass Jar, 2 oz.
FS51 - 4'	E408221-07A	Soil	08/23/24	08/26/24	Glass Jar, 2 oz.
FS59 - 4'	E408221-08A	Soil	08/23/24	08/26/24	Glass Jar, 2 oz.
SW10 - 0-2'	E408221-09A	Soil	08/23/24	08/26/24	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/3/2024 12:55:21PM

SW06 - 0-3' E408221-01

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2435028
Benzene	ND	0.0250		1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250		1	08/27/24	08/27/24	
Toluene	ND	0.0250		1	08/27/24	08/27/24	
o-Xylene	ND	0.0250		1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500		1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250		1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8		105 %	70-130		08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA			Batch: 2435028
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8		105 %	70-130		08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2435031
Diesel Range Organics (C10-C28)	ND	25.0		1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	ND	50.0		1	08/27/24	08/27/24	
Surrogate: n-Nonane		86.3 %	50-200		08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2435030
	96.7	20.0		1	08/27/24	08/27/24	



Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo9/3/2024 12:55:21PM

FS48 - 4' E408221-02

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: E	BA		Batch: 2435028
Benzene	ND	0.0250	1		08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1		08/27/24	08/27/24	
Toluene	ND	0.0250	1		08/27/24	08/27/24	
o-Xylene	ND	0.0250	1		08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1		08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1		08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		109 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8		104 %	70-130		08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	A	Analyst: E	BA		Batch: 2435028
Gasoline Range Organics (C6-C10)	ND	20.0	1		08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		109 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8		104 %	70-130		08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: N	IV		Batch: 2435031
Diesel Range Organics (C10-C28)	223	25.0	1		08/27/24	08/27/24	
Oil Range Organics (C28-C36)	93.3	50.0	1		08/27/24	08/27/24	
Surrogate: n-Nonane		90.9 %	50-200		08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: I	Y		Batch: 2435030
Chloride	1070	20.0	1		08/27/24	08/27/24	·

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo9/3/2024 12:55:21PM

FS49 - 4' E408221-03

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2435028
Benzene	ND	0.0250		1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250		1	08/27/24	08/27/24	
Toluene	ND	0.0250		1	08/27/24	08/27/24	
o-Xylene	ND	0.0250		1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500		1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	Ī	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8		105 %	70-130		08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2435028
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		106 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		89.5 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8		105 %	70-130		08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2435031
Diesel Range Organics (C10-C28)	88.0	25.0		1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	ND	50.0		1	08/27/24	08/27/24	
Surrogate: n-Nonane	·	92.7 %	50-200		08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2435030
Chloride	309	20.0		1	08/27/24	08/27/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo9/3/2024 12:55:21PM

FS47 - 4' E408221-04

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	l Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2435028
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		117 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		88.5 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		105 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: BA		Batch: 2435028
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		117 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		88.5 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		105 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2435031
Diesel Range Organics (C10-C28)	1140	25.0	1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	390	50.0	1	08/27/24	08/27/24	
Surrogate: n-Nonane		87.3 %	50-200	08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2435030
Chloride	690	20.0	1	08/27/24	08/27/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo9/3/2024 12:55:21PM

#### FS46 - 4' E408221-05

		2.00221 00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2435028
Benzene	ND	0.0250		1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250		1	08/27/24	08/27/24	
Toluene	ND	0.0250		1	08/27/24	08/27/24	
o-Xylene	ND	0.0250		1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500		1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250		1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		116 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8		104 %	70-130		08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2435028
Gasoline Range Organics (C6-C10)	ND	20.0		1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		116 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8		104 %	70-130		08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2435031
Diesel Range Organics (C10-C28)	431	25.0		1	08/27/24	08/27/24	
Oil Range Organics (C28-C36)	186	50.0		1	08/27/24	08/27/24	
Surrogate: n-Nonane		84.3 %	50-200		08/27/24	08/27/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: IY		Batch: 2435030
Chloride	637	20.0		1	08/27/24	08/27/24	

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/3/2024 12:55:21PM

#### FS50 - 4' E408221-06

	Reporting					
Result	Limit	Dil	lution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	BA		Batch: 2435028
ND	0.0250		1	08/27/24	08/27/24	
ND	0.0250		1	08/27/24	08/27/24	
ND	0.0250		1	08/27/24	08/27/24	
ND	0.0250		1	08/27/24	08/27/24	
ND	0.0500		1	08/27/24	08/27/24	
ND	0.0250		1	08/27/24	08/27/24	
	116 %	70-130		08/27/24	08/27/24	
	90.4 %	70-130		08/27/24	08/27/24	
	103 %	70-130		08/27/24	08/27/24	
mg/kg	mg/kg		Analyst:	BA		Batch: 2435028
ND	20.0		1	08/27/24	08/27/24	
	116 %	70-130		08/27/24	08/27/24	
	90.4 %	70-130		08/27/24	08/27/24	
	103 %	70-130		08/27/24	08/27/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2435031
120	25.0		1	08/27/24	08/30/24	
53.9	50.0		1	08/27/24	08/30/24	
	92.3 %	50-200		08/27/24	08/30/24	
mg/kg	mg/kg		Analyst	: IY		Batch: 2435030
160	20.0		1	08/27/24	08/27/24	
	ND THE STATE OF T	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           II6 %         90.4 %           103 %         mg/kg           ND         20.0           I16 %         90.4 %           103 %         mg/kg           mg/kg         mg/kg           120         25.0           53.9         50.0           92.3 %         mg/kg           mg/kg         mg/kg	Result         Limit         Di           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           116 %         70-130           90.4 %         70-130           103 %         70-130           mg/kg         mg/kg           ND         20.0           116 %         70-130           90.4 %         70-130           103 %         70-130           mg/kg         mg/kg           120         25.0           53.9         50.0           mg/kg         mg/kg	Result         Limit         Dilution           mg/kg         mg/kg         Analyst:           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           ND         0.0250         1           116 %         70-130           90.4 %         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           116 %         70-130         70-130           mg/kg         mg/kg         Analyst:           mg/kg         mg/kg         Analyst:           120         25.0         1           53.9         50.0         1           mg/kg         mg/kg         Analyst:	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         08/27/24           ND         0.0250         1         08/27/24           ND         0.0250         1         08/27/24           ND         0.0250         1         08/27/24           ND         0.0500         1         08/27/24           ND         0.0250         1         08/27/24           ND         0.0250         1         08/27/24           90.4 %         70-130         08/27/24           90.4 %         70-130         08/27/24           103 %         70-130         08/27/24           90.4 %         70-130         08/27/24           90.4 %         70-130         08/27/24           103 %         70-130         08/27/24           103 %         70-130         08/27/24           103 %         70-130         08/27/24           120         25.0         1         08/27/24           53.9         50.0         1         08/27/24           92.3 %         50-200         08/27/24           mg/kg </td <td>Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA         ND         0.0250         1         08/27/24         08/27/24           ND         0.0250         1         08/27/24         08/27/24         08/27/24           ND         0.0250         1         08/27/24         08/27/24         08/27/24           ND         0.0250         1         08/27/24         08/27/24         08/27/24         08/27/24           ND         0.0500         1         08/27/24         08/27/24         08/27/24           ND         0.0250         1         08/27/24         08/27/24           90.4 %         70-130         08/27/24         08/27/24           90.4 %         70-130         08/27/24         08/27/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         08/27/24         08/27/24           90.4 %         70-130         08/27/24         08/27/24           90.4 %         70-130         08/27/24         08/27/24           90.4 %         70-130         08/27/24         08/27/24           90.4 %         70-130         0</td>	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA         ND         0.0250         1         08/27/24         08/27/24           ND         0.0250         1         08/27/24         08/27/24         08/27/24           ND         0.0250         1         08/27/24         08/27/24         08/27/24           ND         0.0250         1         08/27/24         08/27/24         08/27/24         08/27/24           ND         0.0500         1         08/27/24         08/27/24         08/27/24           ND         0.0250         1         08/27/24         08/27/24           90.4 %         70-130         08/27/24         08/27/24           90.4 %         70-130         08/27/24         08/27/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         08/27/24         08/27/24           90.4 %         70-130         08/27/24         08/27/24           90.4 %         70-130         08/27/24         08/27/24           90.4 %         70-130         08/27/24         08/27/24           90.4 %         70-130         0



Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo9/3/2024 12:55:21PM

FS51 - 4' E408221-07

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2435028
Benzene	ND	0.0250	1	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		108 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8		106 %	70-130		08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2435028
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		108 %	70-130		08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		91.6 %	70-130		08/27/24	08/27/24	
Surrogate: Toluene-d8		106 %	70-130		08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2435031
Diesel Range Organics (C10-C28)	48.9	25.0	1	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	08/27/24	08/30/24	
Surrogate: n-Nonane		96.3 %	50-200		08/27/24	08/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: IY		Batch: 2435030
Chloride	67.6	20.0	1	1	08/27/24	08/27/24	

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo9/3/2024 12:55:21PM

FS59 - 4' E408221-08

		2.00221 00				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
				1	7 mary zec	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2435028
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		106 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: BA		Batch: 2435028
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		107 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		89.1 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		106 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2435031
Diesel Range Organics (C10-C28)	735	25.0	1	08/27/24	08/30/24	_
Oil Range Organics (C28-C36)	301	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane		98.7 %	50-200	08/27/24	08/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: IY		Batch: 2435030
Chloride	527	20.0	1	08/27/24	08/27/24	



Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6Y6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo9/3/2024 12:55:21PM

#### SW10 - 0-2' E408221-09

		E400221-07				
Analyte	Result	Reporting Limit	Dilu	tion Prepared	Analyzed	Notes
maye				1	Zinaryzed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA		Batch: 2435028
Benzene	ND	0.0250	1	08/27/24	08/27/24	
Ethylbenzene	ND	0.0250	1	08/27/24	08/27/24	
Toluene	ND	0.0250	1	08/27/24	08/27/24	
o-Xylene	ND	0.0250	1	08/27/24	08/27/24	
p,m-Xylene	ND	0.0500	1	08/27/24	08/27/24	
Total Xylenes	ND	0.0250	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		106 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA		Batch: 2435028
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/27/24	08/27/24	
Surrogate: Bromofluorobenzene		104 %	70-130	08/27/24	08/27/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130	08/27/24	08/27/24	
Surrogate: Toluene-d8		106 %	70-130	08/27/24	08/27/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV		Batch: 2435031
Diesel Range Organics (C10-C28)	ND	25.0	1	08/27/24	08/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/27/24	08/30/24	
Surrogate: n-Nonane		94.8 %	50-200	08/27/24	08/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: IY		Batch: 2435030
Chloride	ND	20.0	1	08/27/24	08/27/24	



Devon Energy - Carlsbad Project Name: Rebel 20 Federal 6Y Reported:
6488 7 Rivers Hwy Project Number: 01058-0007
Artesia NM, 88210 Project Manager: Ashley Giovengo 9/3/2024 12:55:21PM

Volatile Organic Compounds by EPA 8260B Analyst: BA

Volatile Organic Compounds by EPA 8260B Ana									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435028-BLK1)							Prepared: 08	8/27/24 Ana	lyzed: 08/27/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.449		0.500		89.7	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			
LCS (2435028-BS1)							Prepared: 08	8/27/24 Ana	lyzed: 08/27/24
Benzene	2.15	0.0250	2.50		86.0	70-130			
Ethylbenzene	2.33	0.0250	2.50		93.2	70-130			
Foluene	2.38	0.0250	2.50		95.1	70-130			
-Xylene	2.57	0.0250	2.50		103	70-130			
p,m-Xylene	5.14	0.0500	5.00		103	70-130			
Total Xylenes	7.71	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.546	- >===	0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.530		0.500		106	70-130			
Matrix Spike (2435028-MS1)				Source:	E408221-0	7	Prepared: 08	8/27/24 Ana	lyzed: 08/27/24
Benzene	2.16	0.0250	2.50	ND	86.3	48-131			
Ethylbenzene	2.33	0.0250	2.50	ND	93.4	45-135			
Foluene	2.37	0.0250	2.50	ND	94.8	48-130			
o-Xylene	2.59	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.15	0.0500	5.00	ND	103	43-135			
Total Xylenes	7.74	0.0250	7.50	ND	103	43-135			
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.467		0.500		93.3	70-130			
			0.500		103	70-130			
Surrogate: Toluene-d8	0.515		0.500						
Surrogate: Toluene-d8  Matrix Spike Dup (2435028-MSD1)	0.515		0.500	Source:	E408221-(	)7	Prepared: 08	8/27/24 Ana	lyzed: 08/27/24
	2.10	0.0250	2.50	Source:	<b>E408221-0</b>	48-131	Prepared: 08	8/27/24 Ana	lyzed: 08/27/24
Matrix Spike Dup (2435028-MSD1)		0.0250 0.0250							lyzed: 08/27/24
Matrix Spike Dup (2435028-MSD1)  Benzene	2.10		2.50	ND	83.9	48-131	2.77	23	lyzed: 08/27/24
Matrix Spike Dup (2435028-MSD1)  Benzene Ethylbenzene	2.10 2.35	0.0250	2.50 2.50	ND ND	83.9 94.0	48-131 45-135	2.77 0.662	23 27	lyzed: 08/27/24
Matrix Spike Dup (2435028-MSD1)  Benzene Ethylbenzene Foluene	2.10 2.35 2.36	0.0250 0.0250	2.50 2.50 2.50	ND ND ND	83.9 94.0 94.5	48-131 45-135 48-130	2.77 0.662 0.275	23 27 24	lyzed: 08/27/24
Matrix Spike Dup (2435028-MSD1)  Benzene Ethylbenzene Foluene 1-Xylene	2.10 2.35 2.36 2.60	0.0250 0.0250 0.0250	2.50 2.50 2.50 2.50	ND ND ND ND	83.9 94.0 94.5 104	48-131 45-135 48-130 43-135	2.77 0.662 0.275 0.616	23 27 24 27	lyzed: 08/27/24
Matrix Spike Dup (2435028-MSD1)  Benzene Ethylbenzene FolueneXylene o,m-Xylene	2.10 2.35 2.36 2.60 5.13	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 2.50 2.50 5.00	ND ND ND ND	83.9 94.0 94.5 104 103	48-131 45-135 48-130 43-135 43-135	2.77 0.662 0.275 0.616 0.399	23 27 24 27 27	lyzed: 08/27/24
Matrix Spike Dup (2435028-MSD1)  Benzene Ethylbenzene FolueneXylene o,m-Xylene Fotal Xylenes	2.10 2.35 2.36 2.60 5.13 7.74	0.0250 0.0250 0.0250 0.0500	2.50 2.50 2.50 2.50 2.50 5.00 7.50	ND ND ND ND	83.9 94.0 94.5 104 103 103	48-131 45-135 48-130 43-135 43-135	2.77 0.662 0.275 0.616 0.399	23 27 24 27 27	lyzed: 08/27/24

Devon Energy - CarlsbadProject Name:Rebel 20 Federal 6YReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo9/3/2024 12:55:21PM

Anal	vst.	B

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

	Result	Lillit	LCVCI	Result	Rec	Lillius	ICI D	Lillin	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435028-BLK1)							Prepared: 0	8/27/24	Analyzed: 08/27/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.553		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.449		0.500		89.7	70-130			
Surrogate: Toluene-d8	0.522		0.500		104	70-130			
LCS (2435028-BS2)							Prepared: 0	8/27/24	Analyzed: 08/27/24
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.1	70-130			
Surrogate: Bromofluorobenzene	0.545		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.541		0.500		108	70-130			
Matrix Spike (2435028-MS2)				Source:	E408221-	07	Prepared: 0	8/27/24	Analyzed: 08/27/24
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130			
Surrogate: Bromofluorobenzene	0.594		0.500		119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.457		0.500		91.3	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			
Matrix Spike Dup (2435028-MSD2)				Source:	E408221-	07	Prepared: 0	8/27/24	Analyzed: 08/27/24
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0	ND	100	70-130	3.82	20	
Surrogate: Bromofluorobenzene			0.500		117	70-130			
	0.583		0.300		11/	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.583 0.454		0.500		90.8	70-130			



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo	9/3/2024 12:55:21PM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go				9/3/2024 12:55:21PN
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435031-BLK1)							Prepared: 0	8/27/24 Ar	nalyzed: 08/27/24
tiesel Range Organics (C10-C28)	ND	25.0							
vil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	44.0		50.0		87.9	50-200			
.CS (2435031-BS1)							Prepared: 0	8/27/24 Ar	nalyzed: 08/27/24
riesel Range Organics (C10-C28)	221	25.0	250		88.4	38-132			
urrogate: n-Nonane	46.3		50.0		92.7	50-200			
Matrix Spike (2435031-MS1)				Source:	E408217-	02	Prepared: 0	8/27/24 Ar	nalyzed: 08/28/24
viesel Range Organics (C10-C28)	242	25.0	250	ND	97.0	38-132			
urrogate: n-Nonane	45.7		50.0		91.4	50-200			
Matrix Spike Dup (2435031-MSD1)				Source:	E408217-	02	Prepared: 0	8/27/24 Ar	nalyzed: 08/28/24
tiesel Range Organics (C10-C28)	242	25.0	250	ND	96.7	38-132	0.311	20	
urrogate: n-Nonane	43.2		50.0		86.4	50-200			



Chloride

## **QC Summary Data**

Devon Energy - Carlsbad		Project Name:		ebel 20 Federa	al 6Y				Reported:
6488 7 Rivers Hwy		Project Number		058-0007					9/3/2024 12:55:21PM
Artesia NM, 88210		Project Manager	: A:	shley Gioveng	go				9/3/2024 12:55:21PM
		Anions	by EPA 3	00.0/9056	A				Analyst: IY
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435030-BLK1)							Prepared: 0	8/27/24 Aı	nalyzed: 08/27/24
Chloride	ND	20.0							
LCS (2435030-BS1)							Prepared: 0	8/27/24 Aı	nalyzed: 08/27/24
Chloride	256	20.0	250		102	90-110			
Matrix Spike (2435030-MS1)				Source:	E408221-	02	Prepared: 0	8/27/24 Aı	nalyzed: 08/27/24
Chloride	1260	20.0	250	1070	76.7	80-120			M4
Matrix Spike Dup (2435030-MSD1)				Source:	E408221-	02	Prepared: 0	8/27/24 Aı	nalyzed: 08/27/24

250

20.0

1070

86.2

80-120

1.88

1280

#### QC Summary Report Comment:

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



#### **Definitions and Notes**

ſ	Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
1	Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/03/24 12:55

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 2/12/2025 9:36:05 AM

						Chair	n of Cust	ody													Pa	age
	Clier	nt Inform	ation			Invoice Informati	on				Lab	Jse O	nly				TAT				State	
Client: D	evon					ompany: Devon		L	ab W	/O#		Job	Num	ber	_3	1D	2D 3	D Sto	NN I	л со	UT T	X
Project:	Rebel 20 Fed	deral 6Y				ddress: 205 E Bender Road	A CONTRACT OF THE PARTY OF THE		E40	82	21	DIO	058.	000	7			x	X			
	lanager: Asl					ity, State, Zip: Hobbs NM, 8	38240	_														
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	e, Zip: Carls		88220			mail: dale.woodall@dvn.d	com												SDWA	CV	NA	RCRA
	75-988-005				M	iscellaneous: Dale Woodall													Complia	nco	Y	or N
Email: a	giovengo@e	nsolum.c	Om							8015	8015		0			s			Complian PWSID #		1   0	ווע
-				Sami	ple Informat	tion				yd C	GRO/DRO by 8015	260	Chloride 300.0	BGDOC - NM	5 - TX	RCRA 8 Metals			T WOID II			
Time			No. of				D 2	Lat	)	DRO/ORO by	GRO/DRO by	VOC by 8260	ride	- 50	rceq 1005 - TX	A 8 A				Rem	narks	
Sampled	Date Sampled	Matrix	Containers			Sample ID	Fig.	Lat Numb	ber	DRC	GRC	9	Chlo	BGD	TCEC	RCR						
07111	11/12/11	211	1	-	(	0-3		1						χ								
0745	4/13/14	5011	1	20	106-	0-5		- 1		-		-		1				-				
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0748	8/33/24	Soil	1	FS	410 - 4	1		5	=					X								
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6745	6/23/24	Soil	İ	FS	56 - 4	•		6	0					X								
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6923	8/23/24	50:1	1	51	210 - 016	2'		9						X								
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	ensolum.con					ii, agiovengo@ensoium.com	ii, dale.wo	Juane	dvii.	.com	, ciiai	inton	wens	olulli		11, 163	trenat	y e1130	iuiii.com	,		
I, (field sam	oler), attest to the	e validity and	authenticity	of this samp	ole. I am aware t	nat tampering with or intentionally mis	labeling the sa	mple loc	ation, c	date or	time of	collecti	on is co	nsidere	d frau	d and n	nay be g	rounds fo	or legal action	n.		
Sampled by	Chad Hamil	ton, Brando	n Deal					_														
1	ed by: (Signatu	re)	Date	1.11.	Time	Received by: (Signature)	Tec Date	21 2	2 1	ime	17/2			1					must be receive vg temp above			
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Relinquish	ed by: (Signatur	ne) I Gradel	lec Date	2624	Time	Received by: (Signature)	Date	26.1		ime	45			D				Q/I	Jse Only			
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														AVG	Ten	np °C	4					
Cample Mar	rix: S - Soil, Sd - S	olid Sa - Slu	dge. A - Aque	ous O - Othe	er		Con	tainer	Tyne:	9-9	ass n	- nolv	/plasti	c. ag -	amb	er gla	SS, V -	VOA				

envirotech

Printed: 8/27/2024 9:56:31AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/26/24 0	6:00		Work Order ID:	E408221	
Phone:	(505) 382-1211	Date Logged In:	08/26/24 1	6:49		Logged In By:	Raina Schwanz	
Email:		Due Date:	08/30/24 1	7:00 (4 day TAT)				
GI :								
	f Custody (COC)							
	the sample ID match the COC?	h the COC	Yes					
	the number of samples per sampling site location mate samples dropped off by client or carrier?	ii uie COC	Yes					
	ne COC complete, i.e., signatures, dates/times, requeste	od omolysoos?	Yes Yes	Carrier: <u>C</u>	Courier			
	all samples received within holding time?	ed analyses:	Yes					
J. Wele	Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		168	_		<u>Commen</u>	ts/Resolution	
Sample '	Turn Around Time (TAT)				~ 1			
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes		Samples m	issing collec	tors initial.	
Sample	<u>Cooler</u>							
7. Was a	sample cooler received?		Yes					
8. If yes,	was cooler received in good condition?		Yes					
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes					
10. Were	e custody/security seals present?		No					
11. If yes	s, were custody/security seals intact?		NA					
12. Was t	he sample received on ice? If yes, the recorded temp is 4°C, i.  Note: Thermal preservation is not required, if samples are		Yes					
13. If no	minutes of sampling visible ice, record the temperature. Actual sample to	emperature: 4°0	<u>C</u>					
Sample	<u>Container</u>							
14. Are a	aqueous VOC samples present?		No					
15. Are	VOC samples collected in VOA Vials?		NA					
16. Is the	e 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 1	non-VOC samples collected in the correct containers?		Yes					
19. Is the	appropriate volume/weight or number of sample containe	rs collected?	Yes					
Field La	<u>ibel</u>							
20. Were	e field sample labels filled out with the minimum information	mation:						
	Sample ID?		Yes					
	Date/Time Collected? Collectors name?		Yes	•				
			No					
	Preservation s the COC or field labels indicate the samples were pre	served?	No					
	sample(s) correctly preserved?	serveu:	NA					
	o filteration required and/or requested for dissolved me	tals?	No					
			110					
	ase Sample Matrix	. n	3.7					
	the sample have more than one phase, i.e., multiphase		No					
	s, does the COC specify which phase(s) is to be analyz	ea?	NA					
	ract Laboratory							
	samples required to get sent to a subcontract laboratory		No					
29. Was	a subcontract laboratory specified by the client and if s	so who?	NA	Subcontract Lab	: NA			
Client I	<u>nstruction</u>							
								1
								L
							- enviroted	L -
Signa	ture of client authorizing changes to the COC or sample disposition	sition.			Date		enviroted	$\Pi   \mathbf{I}'$

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

## **Analytical Report**

Devon Energy - Carlsbad

Project Name: Rebel 20 Federal 6Y

Work Order: E408240

Job Number: 01058-0007

Received: 8/28/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/4/24

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

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

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

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

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

Date Reported: 9/4/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Rebel 20 Federal 6Y

Workorder: E408240

Date Received: 8/28/2024 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/28/2024 7:00:00AM, under the Project Name: Rebel 20 Federal 6Y.

The analytical test results summarized in this report with the Project Name: Rebel 20 Federal 6Y apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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## **Sample Summary**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/04/24 09:43

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW04 - 0-2'	E408240-01A	Soil	08/26/24	08/28/24	Glass Jar, 2 oz.
SW08 - 0-5'	E408240-02A	Soil	08/26/24	08/28/24	Glass Jar, 2 oz.
SW09 - 0-5'	E408240-03A	Soil	08/26/24	08/28/24	Glass Jar, 2 oz.
SW11 - 0-2.5'	E408240-04A	Soil	08/26/24	08/28/24	Glass Jar, 2 oz.
SW12 - 0-2.5'	E408240-05A	Soil	08/26/24	08/28/24	Glass Jar, 2 oz.
FS29 - 2.5'	E408240-06A	Soil	08/26/24	08/28/24	Glass Jar, 2 oz.
FS31 - 1.5'	E408240-07A	Soil	08/26/24	08/28/24	Glass Jar, 2 oz.
FS32 - 1.5'	E408240-08A	Soil	08/26/24	08/28/24	Glass Jar, 2 oz.
FS58 - 5'	E408240-09A	Soil	08/26/24	08/28/24	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2024 9:43:07AM

#### SW04 - 0-2' E408240-01

		E400240-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2435085
Benzene	ND	0.0250	1	08/28/24	08/30/24	
Ethylbenzene	ND	0.0250	1	08/28/24	08/30/24	
Toluene	ND	0.0250	1	08/28/24	08/30/24	
o-Xylene	ND	0.0250	1	08/28/24	08/30/24	
p,m-Xylene	ND	0.0500	1	08/28/24	08/30/24	
Total Xylenes	ND	0.0250	1	08/28/24	08/30/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2435085
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/24	08/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2435086
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/24	08/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/24	08/29/24	
Surrogate: n-Nonane		80.7 %	50-200	08/28/24	08/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2435084
Chloride	296	20.0	1	08/28/24	08/29/24	

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2024 9:43:07AM

#### SW08 - 0-5' E408240-02

		E400240-02				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2435085
Volatile Organics by EPA 8021B	ND	0.0250	1	08/28/24	08/30/24	Batch. 2433003
Benzene	ND ND	0.0250	1	08/28/24	08/30/24	
Ethylbenzene Toluene	ND ND	0.0250	1	08/28/24	08/30/24	
o-Xylene	ND	0.0250	1	08/28/24	08/30/24	
p,m-Xylene	ND	0.0500	1	08/28/24	08/30/24	
Total Xylenes	ND	0.0250	1	08/28/24	08/30/24	
Surrogate: 4-Bromochlorobenzene-PID		99.4 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2435085
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/24	08/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2435086
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/24	08/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/24	08/29/24	
Surrogate: n-Nonane		72.9 %	50-200	08/28/24	08/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2435084
Chloride	27.2	20.0	1	08/28/24	08/29/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2024 9:43:07AM

### SW09 - 0-5'

		E408240-03				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	analyst: BA		Batch: 2435085
Benzene	ND	0.0250	1	08/28/24	08/30/24	
Ethylbenzene	ND	0.0250	1	08/28/24	08/30/24	
Toluene	ND	0.0250	1	08/28/24	08/30/24	
o-Xylene	ND	0.0250	1	08/28/24	08/30/24	
p,m-Xylene	ND	0.0500	1	08/28/24	08/30/24	
Total Xylenes	ND	0.0250	1	08/28/24	08/30/24	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2435085
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/24	08/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2435086
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/24	08/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/24	08/29/24	
Surrogate: n-Nonane		78.3 %	50-200	08/28/24	08/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: DT		Batch: 2435084
Chloride	ND	20.0	1	08/28/24	08/29/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2024 9:43:07AM

#### SW11 - 0-2.5'

		E408240-04				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2435085
Benzene	ND	0.0250	1	08/28/24	08/30/24	
Ethylbenzene	ND	0.0250	1	08/28/24	08/30/24	
Toluene	ND	0.0250	1	08/28/24	08/30/24	
o-Xylene	ND	0.0250	1	08/28/24	08/30/24	
o,m-Xylene	ND	0.0500	1	08/28/24	08/30/24	
Total Xylenes	ND	0.0250	1	08/28/24	08/30/24	
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2435085
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/24	08/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.3 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2435086
Diesel Range Organics (C10-C28)	29.2	25.0	1	08/28/24	08/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/24	08/29/24	
Surrogate: n-Nonane		80.2 %	50-200	08/28/24	08/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2435084
Chloride	68.1	20.0	1	08/28/24	08/29/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2024 9:43:07AM

#### SW12 - 0-2.5'

		E408240-05				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2435085
Benzene	ND	0.0250	1	08/28/24	08/30/24	
Ethylbenzene	ND	0.0250	1	08/28/24	08/30/24	
Toluene	ND	0.0250	1	08/28/24	08/30/24	
o-Xylene	ND	0.0250	1	08/28/24	08/30/24	
o,m-Xylene	ND	0.0500	1	08/28/24	08/30/24	
Total Xylenes	ND	0.0250	1	08/28/24	08/30/24	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2435085
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/24	08/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2435086
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/24	08/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/24	08/29/24	
Surrogate: n-Nonane		79.5 %	50-200	08/28/24	08/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2435084
Chloride	34.3	20.0	1	08/28/24	08/29/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2024 9:43:07AM

#### FS29 - 2.5' E408240-06

		E408240-06				
Analyta	Result	Reporting Limit	Dilution	Dronoro d	Analyzed	Notes
Analyte	Kesuit	Limit	Dilution	Prepared	Analyzed	inotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2435085
Benzene	ND	0.0250	1	08/28/24	08/30/24	
Ethylbenzene	ND	0.0250	1	08/28/24	08/30/24	
Toluene	ND	0.0250	1	08/28/24	08/30/24	
o-Xylene	ND	0.0250	1	08/28/24	08/30/24	
p,m-Xylene	ND	0.0500	1	08/28/24	08/30/24	
Total Xylenes	ND	0.0250	1	08/28/24	08/30/24	
Surrogate: 4-Bromochlorobenzene-PID		98.7 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2435085
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/24	08/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2435086
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/24	08/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/24	08/29/24	
Surrogate: n-Nonane		73.9 %	50-200	08/28/24	08/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2435084
Chloride	75.7	20.0	1	08/28/24	08/29/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2024 9:43:07AM

#### FS31 - 1.5' E408240-07

		£408240-07				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Tillaly	resur	Emit	Director	repared	7 mary zea	110105
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2435085
Benzene	ND	0.0250	1	08/28/24	08/30/24	
Ethylbenzene	ND	0.0250	1	08/28/24	08/30/24	
Toluene	ND	0.0250	1	08/28/24	08/30/24	
o-Xylene	ND	0.0250	1	08/28/24	08/30/24	
p,m-Xylene	ND	0.0500	1	08/28/24	08/30/24	
Total Xylenes	ND	0.0250	1	08/28/24	08/30/24	
Surrogate: 4-Bromochlorobenzene-PID		99.9 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2435085
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/24	08/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2435086
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/24	08/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/24	08/29/24	
Surrogate: n-Nonane		81.2 %	50-200	08/28/24	08/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2435084
Chloride	1300	20.0	1	08/28/24	08/29/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2024 9:43:07AM

#### FS32 - 1.5' E408240-08

		£408240-08				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Result	Lillit	Dilution	Trepared	Allalyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2435085
Benzene	ND	0.0250	1	08/28/24	08/30/24	
Ethylbenzene	ND	0.0250	1	08/28/24	08/30/24	
Toluene	ND	0.0250	1	08/28/24	08/30/24	
o-Xylene	ND	0.0250	1	08/28/24	08/30/24	
p,m-Xylene	ND	0.0500	1	08/28/24	08/30/24	
Total Xylenes	ND	0.0250	1	08/28/24	08/30/24	
Surrogate: 4-Bromochlorobenzene-PID		98.6 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2435085
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/28/24	08/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.4 %	70-130	08/28/24	08/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2435086
Diesel Range Organics (C10-C28)	ND	25.0	1	08/28/24	08/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/28/24	08/29/24	
Surrogate: n-Nonane		79.1 %	50-200	08/28/24	08/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2435084
Chloride	49.9	20.0	1	08/28/24	08/29/24	



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2024 9:43:07AM

#### FS58 - 5' E408240-09

	12400240 07				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	llyst: BA		Batch: 2435085
ND	0.0250	1	08/28/24	08/30/24	
ND	0.0250	1	08/28/24	08/30/24	
ND	0.0250	1	08/28/24	08/30/24	
ND	0.0250	1	08/28/24	08/30/24	
ND	0.0500	1	08/28/24	08/30/24	
ND	0.0250	1	08/28/24	08/30/24	
	100 %	70-130	08/28/24	08/30/24	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2435085
ND	20.0	1	08/28/24	08/30/24	
	92.9 %	70-130	08/28/24	08/30/24	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2435086
43.6	25.0	1	08/28/24	08/29/24	
ND	50.0	1	08/28/24	08/29/24	
	82.5 %	50-200	08/28/24	08/29/24	
mg/kg	mg/kg	Ana	llyst: DT		Batch: 2435084
51.1	20.0	1	08/28/24	08/29/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg 43.6 ND	Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           MD         0.0250           MD         20.0           92.9 %         mg/kg           mg/kg         mg/kg           43.6         25.0           ND         50.0           82.5 %         mg/kg           mg/kg         mg/kg	mg/kg         mg/kg         Ana           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0250         1           ND         0.0500         1           ND         0.0250         1           100%         70-130           mg/kg         mg/kg         Ana           ND         20.0         1           92.9%         70-130         1           mg/kg         mg/kg         Ana           43.6         25.0         1           ND         50.0         1           82.5%         50-200           mg/kg         mg/kg         Ana	Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         08/28/24           ND         0.0250         1         08/28/24           ND         0.0250         1         08/28/24           ND         0.0250         1         08/28/24           ND         0.0500         1         08/28/24           ND         0.0250         1         08/28/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         08/28/24           mg/kg         mg/kg         Analyst: NV           43.6         25.0         1         08/28/24           ND         50.0         1         08/28/24           MD         50.0         1         08/28/24           mg/kg         Mg/kg         Analyst: NV	Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: BA           ND         0.0250         1         08/28/24         08/30/24           ND         0.0250         1         08/28/24         08/30/24           ND         0.0250         1         08/28/24         08/30/24           ND         0.0500         1         08/28/24         08/30/24           ND         0.0250         1         08/28/24         08/30/24           ND         0.0250         1         08/28/24         08/30/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         08/28/24         08/30/24           mg/kg         mg/kg         Analyst: BA           ND         20.0         1         08/28/24         08/30/24           mg/kg         mg/kg         Analyst: BA           ND         25.0         1         08/28/24         08/30/24           mg/kg         mg/kg         Analyst: NV           43.6         25.0         1         08/28/24         08/29/24           ND         50.0         1         08/28/24



		QC SI	umma	ary Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	0	ebel 20 Feder 1058-0007 shley Gioven					<b>Reported:</b> 9/4/2024 9:43:07AM
<u> </u>									
		Volatile O	rganics	Uy EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435085-BLK1)							Prepared: 0	8/28/24 A	nalyzed: 08/30/24
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	7.84		8.00		97.9	70-130			
LCS (2435085-BS1)							Prepared: 0	8/28/24 A	nalyzed: 08/30/24
Benzene	4.76	0.0250	5.00		95.2	70-130			
Ethylbenzene	4.58	0.0250	5.00		91.6	70-130			
Coluene	4.69	0.0250	5.00		93.8	70-130			
o-Xylene	4.59	0.0250	5.00		91.7	70-130			
o,m-Xylene	9.34	0.0500	10.0		93.4	70-130			
Total Xylenes	13.9	0.0250	15.0		92.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.74		8.00		96.7	70-130			
Matrix Spike (2435085-MS1)				Source:	E408240-	-08	Prepared: 0	8/28/24 A	nalyzed: 08/30/24
Benzene	5.10	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.92	0.0250	5.00	ND	98.4	61-133			
Coluene	5.02	0.0250	5.00	ND	100	61-130			
-Xylene	4.91	0.0250	5.00	ND	98.1	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.8	70-130			
Matrix Spike Dup (2435085-MSD1)				Source:	E408240-	-08	Prepared: 0	8/28/24 A	nalyzed: 08/30/24
Benzene	5.04	0.0250	5.00	ND	101	54-133	1.26	20	
Ethylbenzene	4.86	0.0250	5.00	ND	97.1	61-133	1.31	20	
Toluene	4.96	0.0250	5.00	ND	99.3	61-130	1.14	20	
o-Xylene	4.85	0.0250	5.00	ND	97.1	63-131	1.07	20	
· ····· V-1-···	0.80	0.0500	10.0	ND	00.0	62 121	1.25	20	

10.0

15.0

8.00

0.0500

0.0250

ND

ND

98.9

98.3

97.3

63-131

63-131

70-130

1.25

1.19

20

20



p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

9.89

14.7

7.78

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2024 9:43:07AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			9/4	/2024 9:43:07AM
	Non	halogenated	Organics l	by EPA 80	15D - Gl	RO		1	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
Blank (2435085-BLK1)							Prepared: 0	8/28/24 Analy	zed: 08/30/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130			
LCS (2435085-BS2)							Prepared: 0	8/28/24 Analy	zed: 08/30/24
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0		81.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.65		8.00		95.6	70-130			
Matrix Spike (2435085-MS2)				Source:	E408240-	08	Prepared: 0	8/28/24 Analy	zed: 08/30/24
Gasoline Range Organics (C6-C10)	38.3	20.0	50.0	ND	76.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.73		8.00		96.6	70-130			
Matrix Spike Dup (2435085-MSD2)				Source:	E408240-	08	Prepared: 0	8/28/24 Analy	zed: 08/30/24
Gasoline Range Organics (C6-C10)	39.9	20.0	50.0	ND	79.8	70-130	4.02	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			



Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	9/4/2024 9:43:07AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				9/4/2024 9:43:07AM
	Nonha	logenated Or	ganics by l	EPA 8015I	) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435086-BLK1)							Prepared: 0	8/28/24 Ar	nalyzed: 08/29/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.0		50.0		84.1	50-200			
LCS (2435086-BS1)							Prepared: 0	8/28/24 Ar	nalyzed: 08/29/24
Diesel Range Organics (C10-C28)	192	25.0	250		76.8	38-132			
Surrogate: n-Nonane	40.6		50.0		81.3	50-200			
Matrix Spike (2435086-MS1)				Source:	E408240-	02	Prepared: 0	8/28/24 Ar	nalyzed: 08/29/24
Diesel Range Organics (C10-C28)	193	25.0	250	ND	77.2	38-132			
Surrogate: n-Nonane	42.0		50.0		84.0	50-200			
Matrix Spike Dup (2435086-MSD1)				Source:	E408240-	02	Prepared: 0	8/28/24 Ar	nalyzed: 08/29/24
Diesel Range Organics (C10-C28)	190	25.0	250	ND	76.1	38-132	1.41	20	
Surrogate: n-Nonane	41.6		50.0		83.2	50-200			



Matrix Spike Dup (2435084-MSD1)

Chloride

260

20.0

### **QC Summary Data**

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	0	lebel 20 Feder 1058-0007 Ashley Gioveng				9	<b>Reported:</b> 9:43:07AM
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2435084-BLK1)							Prepared: 0	8/28/24 An	alyzed: 08/29/24
Chloride	ND	20.0							
LCS (2435084-BS1)							Prepared: 0	8/28/24 An	alyzed: 08/29/24
Chloride	256	20.0	250		103	90-110			
Matrix Spike (2435084-MS1)				Source:	E408240-	03	Prepared: 0	8/28/24 An	alyzed: 08/29/24
Chloride	259	20.0	250	ND	104	80-120			

250

Source: E408240-03

104

80-120

0.309

ND

#### 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.



Prepared: 08/28/24 Analyzed: 08/29/24

20

## **Definitions and Notes**

Devon Energy - Carlsbad	Project Name:	Rebel 20 Federal 6Y	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	09/04/24 09:43

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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

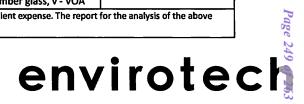


Released to Imaging: 2/12/2025 9:36:05 AM

Page of
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Client Information					Invoice Information		Lab Use Only						TAT				State					
Client: Devon					Company: Devon			La	Lab WO# Job Number						1D 2D 3D Std			Std	NM CO UT TX			
Project: Rebel 20 Federal 6Y					_	dress: 205 E Bender Road #150		<u>E</u>	E408240				01058-0007					X	X			
Project Manager: Ashley Giovengo						y, State, Zip: Hobbs NM, 88240			-													
	3122 Natio					1-	one: (575)748-1838			Ļ				Ana	lysis	and	Met	hod				EPA Program
	e, Zip: Carls		88220 _		<del>_</del>		nail: dale.woodall@dvn.com		_	H												SDWA CWA RCRA
	575-988-005				_	Misc	cellaneous: Dale Woodall								ĺ							
Email: a	giovengo@e	nsolum.c	om			<u> </u>					515	돯										Compliance Y or N
					ala Infan					_	þ Š	Þ 8	121	8	0.00	N.	Ĭ.	etals				PWSID#
		ľ	Γ	Samı I	ole Infor	matto	on	Ь :	Lab	$\dashv$	8	8	ρλ 8(	ny 82	de 3	4- y	2001	8 M				Remarks
Time Sampled	Date Sampled	Matrix	No. of Containers			,	Sample ID	Field	Numb	er	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				Kemarks
0943	8/26/24	Soil	1	Swor	1 - 0	-2'			1							χ						
	8/26/14		l	SWOS	6 - 6	9-5'			2							χ						
1113	8/26/24	5011	l	5~0					3						İ	χ						
1416	8/26/24	5011	1	5411	- (	)-1	٠5'		4							χ						
1451	8/26/24	Soil	1	5~12	- (	2-2	5'		5							X,						
1413	8/26/24	Soil	١	F529	1- )	5′			6							X						
1411	8/26/24	1:02	ł	F531	1 - 1	1.51			7							χ						
1409	4/26/24	5011	1	F531	L - 1	1.5'			8							χ						
1117	8/26/24	Soil	1	FS 54					9							×						
Addition	al Instructio	ns: Plea	ase CC: cl	ourton@e	nsolum	.com,	agiovengo@ensolum.com, dal	e.woo	odall@	dvn	.cor	n, ch	amil	ton@	ens	olun	ı.con	n, ies	strell	a@e	nsol	um.com,
	ensolum.con										_											<del></del>
1				of this sampl	le. I am aw	are that	tampering with or intentionally mislabeling	the sa	mple loca	ation,	date	or time	e of co	llectio	n is co	nsidere	d frau	d and	may b	e grout	nds for	legal action.
	:Chad Hami ed by: (Signatu		Date		Time		Dheniund hurdSignatura) A	IDate			Time					Sample	es requi	iring the	ermal n	reserva	tion m	ist be received on ice the day they are
Must		iej	41	27/24	·		peceived by: (fignature) Wichelle Gorzales	7	27-24	4	Õ	900	)			sample		ceived				s temp above 0 but less than 6 °C on
Relinquished by (Signature) Date S. 27.24 Time		Time 154	5	Received by: (Signature)	Date	.27.1	_	Time	54	15				eived		ce:		b Us	e Only			
Relinquished by: (S/gnatyre)  Date  Time  B. 27.24  Z			Time 2/00		Received by: (Signature)	Date 8	<del>28-</del> 2	ध	Time	<del>10</del> 0	)			<u>T1</u>				<u>T2</u>		<u>T3</u>		
Relinquished by: (Signature) Date Time			Time		Received by: (Signature)	Date			Time						Ten			<u> </u>				
	ample 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																					





envirotech Inc.

Printed: 8/28/2024 9:28:22AM

#### **Envirotech Analytical Laboratory**

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	08/28/24 0	06:00	Work Order ID:	E408240
Phone:	(505) 382-1211	Date Logged In:	08/27/24 1	6:20	Logged In By:	Noe Soto
Email:	ashley.giovengo@wescominc.com	Due Date:	09/04/24 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does tl	ne sample ID match the COC?		Yes			
2. Does tl	ne number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Couri	<u>ier</u>	
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes		Comment	ts/Resolution
Sample T	Turn Around Time (TAT)					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (	Cooler					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If yes	, were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C.  Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C			
	Container _	· · · · · · ·	_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contai		Yes			
Field Lal	•					
-	field sample labels filled out with the minimum info	ormation:				
	ample ID?		Yes			
D	ate/Time Collected?		Yes	<u> </u>		
C	ollectors name?		Yes			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
	se Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No			
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab: NA	A	
Client I	nstruction_					

Date

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



## **APPENDIX E**

**Email Correspondence** 

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

To: Ashley Giovengo; Enviro, OCD, EMNRD; Woodall, Dale
Cc: Cole Burton; Chad Hamilton; Israel Estrella; Brandon Deal

Subject: Re: [EXTERNAL] Extension Request - Rebel 20 Federal 6Y - Incident Number nAPP2406964143

**Date:** Monday, June 3, 2024 11:37:57 AM

Attachments: <u>image001.png</u>

image002.png image003.png Outlook-bxwnxjuy.png

Some people who received this message don't often get email from nelson.velez@emnrd.nm.gov. <u>Learn why this</u> is important

#### [ \*\*EXTERNAL EMAIL\*\*]

Good afternoon Ashley,

Your 90-day time extension request is approved. Remediation Due date has been updated to September 5, 2024.

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

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

Regards,

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



From: Ashley Giovengo <agiovengo@ensolum.com>

Sent: Thursday, May 30, 2024 9:51 AM

**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Woodall, Dale <Dale.Woodall@dvn.com>

**Cc:** Cole Burton <cburton@ensolum.com>; Chad Hamilton <chamilton@ensolum.com>; Israel Estrella <iestrella@ensolum.com>; Brandon Deal <br/>
<br/>
bdeal@ensolum.com>

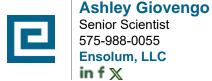
Subject: [EXTERNAL] Extension Request - Rebel 20 Federal 6Y - Incident Number nAPP2406964143

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 June 07, 2024, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Rebel 20 Federal 6Y (Incident Number nAPP2406964143). The release occurred on March 09, 2024, and initial site assessment and delineation activities have been completed. Devon was able to secure permission from the Bureau of Land Management (BLM) on April 25, 2024, for the purpose of establishing depth to water (DTW) within a 0.5-mile radius of the Site, however Devon is currently waiting on approval from the New Mexico Office of the State Engineer (NMOSE) for the WR-07 permit (Application for Permit to Drill a Well). Once Devon receives the approved drilling permit, the DTW determination will be completed, and remediation/confirmation sampling of the impacted area will begin. Devon intends to submit a remediation work plan or closure report, following remediation efforts and confirmation sampling. Devon respectfully requests a 90-day extension until September 05, 2024.

Thanks,



"Your authenticity is your superpower." - Unknown

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

To: Ashley Giovengo; Enviro, OCD, EMNRD
Cc: Cole Burton; Chad Hamilton; Woodall, Dale

Subject: Re: [EXTERNAL] Extension Request - Devon Energy Production Company - Rebel 20 Federal 6Y - Incident

Number nAPP2406964143

Date: Thursday, September 5, 2024 2:34:57 PM

Attachments: image001.png image002.png

image002.png image003.png Outlook-4v11jrfr.png

#### [ \*\*EXTERNAL EMAIL\*\*]

Good day Ashley,

Thank you for the correspondence. Your 60-day time extension request is approved. Remediation Due date has been updated to November 4, 2024.

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

Regards,

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



**From:** Ashley Giovengo <agiovengo@ensolum.com>

**Sent:** Thursday, September 5, 2024 1:59 PM

**To:** Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

**Cc:** Cole Burton <cburton@ensolum.com>; Chad Hamilton <chamilton@ensolum.com>; Woodall, Dale <Dale.Woodall@dvn.com>

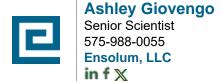
**Subject:** [EXTERNAL] Extension Request - Devon Energy Production Company - Rebel 20 Federal 6Y - Incident Number nAPP2406964143

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 a 2<sup>nd</sup> extension for the current deadline of September 05, 2024, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Rebel 20 Federal 6Y (Incident Number nAPP2406964143). The release occurred on March 09, 2024, and initial site assessment and delineation activities have been completed at the Site. Devon completed a depth to water (DTW) boring near the Site on June 26, 2024, in order to establish DTW within a half-mile radius of the Site. Excavation of the impacted area is currently ongoing, and Devon intends to submit a remediation work plan or closure report as required in 19.15.29.12.B.(1) NMAC following excavation and confirmation sampling activities. Devon respectfully requests a 60-day extension until November 04, 2024.

Thanks,



"Your authenticity is your superpower." - Unknown

**State of New Mexico Energy, Minerals and Natural Resources** Phone: (505) 629-6116 **Oil Conservation Division** Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

QUESTIONS

Action 394946

#### **QUESTIONS**

Operator:	OGRID:				
DEVON ENERGY PRODUCTION COMPANY, LP	6137				
333 West Sheridan Ave.	Action Number:				
Oklahoma City, OK 73102	394946				
	Action Type:				
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)				

#### QUESTIONS

Prerequisites					
Incident ID (n#)	nAPP2406964143				
Incident Name	NAPP2406964143 REBEL 20 FEDERAL 6Y @ 30-025-43449				
Incident Type	Oil Release				
Incident Status	Remediation Closure Report Received				
Incident Well	[30-025-43449] REBEL 20 FEDERAL #006Y				

Location of Release Source				
Please answer all the questions in this group.				
Site Name	REBEL 20 FEDERAL 6Y			
Date Release Discovered	03/09/2024			
Surface Owner	Federal			

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

Nature and Volume of Release					
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.					
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Flow Line - Production   Crude Oil   Released: 37 BBL   Recovered: 20 BBL   Lost: 17 BBL.				
Produced Water Released (bbls) Details	Not answered.				
Is the concentration of chloride in the produced water >10,000 mg/l	No				
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)	A steel underground flowline leaked up and onto the ground. The leak was isolated to stop it. 37 bbls released. 20 bbls recovered.				

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

QUESTIONS, Page 2

Action 394946

QUESTI	ONS (continued)
Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave.	6137 Action Number:
Oklahoma City, OK 73102	394946
	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.	e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative led or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 10/23/2024

Phone: (505) 629-6116
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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 3

Action 394946

**QUESTIONS** (continued)

 Operator:
 DEVON ENERGY PRODUCTION COMPANY, LP
 6137

 333 West Sheridan Ave.
 Action Number:

 Oklahoma City, OK 73102
 394946

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

#### QUESTIONS

Site Characterization				
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the			
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)			
What method was used to determine the depth to ground water	NM OSE iWaters Database Search			
Did this release impact groundwater or surface water	No			
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:			
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)			
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)			
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 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 ½ and 1 (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	Yes			

Remediation Plan				
Please answer all the questions the	at apply or are indicated. This information must be provided to th	e appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation p	olan approval with this submission	Yes		
Attach a comprehensive report den	nonstrating the lateral and vertical extents of soil contamination a	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.		
Have the lateral and vertical	extents of contamination been fully delineated	Yes		
Was this release entirely co	ntained within a lined containment area	No		
Soil Contamination Sampling:	(Provide the highest observable value for each, in milli	grams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 CI B)	10800		
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	23324		
GRO+DRO	(EPA SW-846 Method 8015M)	23324		
BTEX	(EPA SW-846 Method 8021B or 8260B)	77		
Benzene	(EPA SW-846 Method 8021B or 8260B)	17		
	MAC unless the site characterization report includes completed e elines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,		
On what estimated date will	the remediation commence	08/08/2024		
On what date will (or did) th	e final sampling or liner inspection occur	08/26/2024		
On what date will (or was) the remediation complete(d)		08/26/2024		
What is the estimated surfa-	ce area (in square feet) that will be reclaimed	1427		
What is the estimated volun	ne (in cubic yards) that will be reclaimed	211		
What is the estimated surfa-	ce area (in square feet) that will be remediated	9771		
What is the estimated volun	ne (in cubic yards) that will be remediated	665		
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.				

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

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

Released to Imaging: 2/12/2025 9:36:05 AM

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

QUESTIONS, Page 4

Action 394946

**QUESTIONS** (continued)

Operator:	OGRID:			
DEVON ENERGY PRODUCTION COMPANY, LP	6137			
333 West Sheridan Ave.	Action Number:			
DEVON ENERGY PRODUCTION COMPANY, LP	394946			
	Action Type:			
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)			

#### QUESTIONS

Remediation Plan (continued)				
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.				
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:				
(Select all answers below that apply.)				
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes			
Which OCD approved facility will be used for off-site disposal	OWL LANDFILL JAL [fJEG1635837366]			
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.			
D 0 1 " D (40 45 00 44 NAAO 1 " " 1 1 1 1 " " 1 1 1 1 1 1 1 1 1 1	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

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

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

I hereby agree and sign off to the above statement

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 10/23/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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# 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 394946

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	394946
	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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## State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 394946

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	394946
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	381581
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/12/2024
What was the (estimated) number of samples that were to be gathered	2
What was the sampling surface area in square feet	10133

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	9771	
What was the total volume (cubic yards) remediated	665	
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	1427	
What was the total volume (in cubic yards) reclaimed	211	
Summarize any additional remediation activities not included by answers (above)	Dig and Haul Remediation	

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

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

I hereby agree and sign off to the above statement

Name: James Raley
Title: EHS Professional
Email: jim.raley@dvn.com
Date: 10/23/2024

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

QUESTIONS, Page 7

Action 394946

**QUESTIONS** (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	394946
	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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 394946

#### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	394946
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

#### CONDITIONS

Created By		Condition Date
nvelez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production or subsequent drilling ops.	2/12/2025