Mizar 11 FED COM 1H

OCD incident nAPP2327624998

10/2/2023

_	Spill Volume(Bbls) Calculator Inputs in blue, Outputs in red							
		Soil measurement						
Area (squa	are feet)	Depth(inches)						
387	<u>75</u>	<u>0.185</u>						
Cubic Feet of S	Soil Impacted	<u>59.740</u>						
Barrels of So	il Impacted	<u>10.65</u>						
Soil T	ype	Clay/Sand						
Barrels of Oi 100% Sat	-	<u>1.60</u>						
Saturation	Fluid pre	sent with shovel/backhoe						
Estimated Ba Relea		1.60						
	Free Standi	ng Fluid Only						
Area (squa	are feet)	Depth(inches)						
<u>150</u>	<u>00</u>	0.250						
Standin	g fluid	<u>5.570</u>						
Total fluid	ls spilled	<u>7.168</u>						



March 31, 2024

New Mexico Energy Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Deferral Request
Mizar 11 Fed Com 1H
Incident Number nAPP2327624998
Lea County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company (Devon), has prepared this *Deferral Request* to document assessment, delineation, excavation, and soil sampling activities at the Mizar 11 Fed Com 1H (Site) in Unit D, Section 11, Township 19 South, Range 31 East, in Lea County, New Mexico (Figure 1). The purpose of the Site assessment, excavation, and soil sampling activities was to address impacted soil resulting from a release of crude oil on pad at the Site. Based on field observations and soil sample laboratory analytical results, Devon is submitting this *Deferral Request*, describing Site assessment, delineation, and excavation activities that have occurred and requesting deferral of final remediation for Incident Number nAPP2327624998 until the Site is reconstructed and/or the well pad is abandoned.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Lea County, New Mexico (32.68153°, -103.8485107°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On October 2, 2023, a pinhole was found in the tubing by the well head which sent approximately 7.2 barrels (bbls) of crude oil onto the pad surface. A total of 5 bbls of crude oil were recovered from the Site upon discovery of the release. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Release Notification Form C-141 (Form C-141) on October 4, 2023. The release was assigned Incident Number nAPP2327624998.

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, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization for the release, see Appendix A. Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well CP-01989 POD 1, with a depth to water greater than 105 feet below ground surface (bgs). The well was a soil boring drilled to assess depth to groundwater beneath the Site

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

and was advanced approximately 150 feet southwest of the spill area and measured on March 4, 2024. There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features, wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well log and record is included in Appendix B.

The closest continuously flowing or significant watercourse to the Site is a wetland, located approximately 0.47 miles south of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low karst potential designation area). Site receptors are identified on Figure 1.

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

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

SITE ASSESSMENT ACTIVITIES

On October 19, 2023, Site assessment activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. Seven preliminary assessment soil samples (SS01 through SS07) were collected from the ground surface to assess the lateral extent of the release. The preliminary soil samples were field screened for TPH using a PetroFLAG® soil analyzer system and chloride using Mohr's titration method. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was collected during the Site visit and a photographic log is included as Appendix C.

All 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. The soil samples were transported under strict chain-of-custody procedures to Envirotech Analytical 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.

DELINEATION SOIL SAMPLING ACTIVITIES

Between November 8 and December 18, 2023, Ensolum personnel were on Site to collect vertical delineation samples. Three potholes (PH01, PH02, and PH03) were advanced via backhoe within the on-pad release extent to assess for the presence or absence of impacts to soil. Delineation soil samples were collected from each pothole at depths ranging from ground surface to 5 feet bgs. Soil from the potholes was field screened for TPH and chloride in the same manner previously described above. Field screening results and observations for the potholes were logged on lithologic soil sampling logs, which are included in Appendix D. The delineation soil sample locations are depicted on Figure 2.



EXCAVATION AND SOIL SAMPLING ACTIVITIES

Between January 16 and January 18, 2024, excavation of impacted soil was completed using a backhoe, hydro vacuum truck, hand crew, and transport vehicles. Excavation of waste containing soil directly adjacent to and underlying the pump jack and well head cellar was not possible due to the presence of active production equipment and associated flow lines. Excavation and surface scrape activities were completed to depths ranging from 0.5 feet to 1-foot bgs. Photographic documentation of excavation and potholing activities are included in Appendix C.

Following removal of impacted and waste-containing soil, 5-point composite soil samples were collected at a frequency of one sample every 200 square foot area from the floor and sidewalls of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples from the excavation areas included: floor soil samples (FS01 through FS26) were collected at depths ranging from 0.5 feet to 1-foot bgs and sidewall soil samples (SW01 and SW02) at depths ranging from the ground surface to 1-foot bgs.

The final excavation area measured approximately 4,763 square feet. A total of approximately 216 cubic yards of impacted soil was removed during excavation activities. Waste containing soil was transported and properly disposed of at the R360 Hobbs Facility in New Mexico. The excavation extent and all excavation soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 3.

One pothole (PH04) was advanced via backhoe to a depth of 7 feet bgs to establish the vertical extent within the area of requested deferral (FS26 and SW02). Vertical delineation soil samples were collected from the pothole at depths ranging from 1-foot to 7 feet bgs. On February 2, 2024, Ensolum personnel returned to the Site to advance pothole sample PH04 to fully verify the vertical extent of the release. The pothole was advanced via backhoe and reached a total depth of 11 feet bgs and vertical delineation soil samples were collected from the pothole at depths ranging from 8 feet to 11 feet bgs. To direct excavation activities, soil was screened for TPH and chloride utilizing PetroFLAG® and Hach® chloride QuanTab® test strips, respectively.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil assessment samples (SS01 through SS07) collected at ground surface were all in compliance with the Site Closure Criteria and with the strictest Closure Criteria per NMOCD Table I. Laboratory analytical results for delineation soil samples collected from pothole PH01 indicated TPH concentrations exceeded the Site Closure Criteria at ground surface; however, samples analyzed at 1-foot bgs through 5 feet bgs were all in compliance with the Site Closure Criteria and with the strictest criteria at 5 feet bgs. Discrete soil samples collected from potholes PH02 and PH03 were all in compliance with the Site Closure Criteria and with the strictest Closure Criteria at 5 feet and 3 feet bgs, respectively. Discrete soil samples from pothole PH04 were all in compliance with the Site Closure Criteria and in compliance with the Strictest Closure Criteria per NMOCD Table I at 11 feet bgs. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix E.

Laboratory analytical results for excavation floor samples (FS01 through FS25) and sidewall soil sample SW01 indicated the soil samples were compliant with the Site Closure Criteria. Excavation Floor soil sample FS26, collected from the well head cellar, and sidewall soil sample SW02, collected from the wall against the pump jack, demarcate the area of requested deferral (see Figure 4). Excavation floor sample FS26 and sidewall sample SW02 exceeded the Site Closure Criteria, but they are located against production equipment and are within the area of requested deferral. Excavation of waste



containing soil from the requested deferral area is not possible due to the presence of the pump jack, well head, and underlying production piping, which would require large-scale facility deconstruction to safely remove the impacted soils.

DEFERRAL REQUEST

Environmental assessment and excavation activities were conducted at the Site to address the October 2023 release of crude oil. Laboratory analytical results for the excavation soil samples, collected from the final excavation extent, indicated COC concentrations within the excavated area and outside of the requested deferral area (see Figure 4), were all compliant with the Site Closure Criteria. Those samples that were not compliant with the Site Closure Criteria (floor confirmation sample FS26 and sidewall soil sample SW02) failed due to their proximity to the area of requested deferral. Based on soil sample analytical results, no further remediation of the area on pad is required. Devon will backfill the excavation with material purchased locally and recontour the Site to match existing Site conditions.

Devon has remediated impacts at the Site to the maximum extent practicable (MEP) based on Site safety conditions relating to active production equipment and associated production pipelines. Devon is requesting deferral of final remediation of residual impacts due to the presence of active production equipment and process piping preventing full excavation of impacted soil. The impacted soil is limited to the area beneath active production equipment and piping, where remediation would require major facility deconstruction. Devon was able to excavate approximately 216 cubic yards of impacted soil from the on-pad spill area. The impacted soil remaining in place is laterally defined by excavation floor sample FS26 and sidewall soil sample SW02 and is vertically defined by pothole sample PH04 at 11 feet bgs at the southern edge of the deferral area. The estimated area of remaining impacted soil measures an area of approximately 700 square feet, and a total of approximately 285 cubic yards of impacted soil remains in place, assuming a depth of 11 feet bgs based on laboratory analytical results from delineation soil samples.

Devon does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Any gross impacts were removed during the initial cleanup.

Based on the presence of active production equipment within the release area and the complete lateral and vertical delineation of impacted soil remaining in place, Devon requests deferral of final remediation for Incident Number nAPP2327624998 until final reclamation of the well pad or major construction, whichever comes first.

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 Senior Managing Geologist



Appendices:

Figure 1 Site Receptor Map
Figure 2 Delineation Soil Sample Locations
Figure 3 Excavation Soil Sample Locations
Figure 4 Area of Requested Deferral

Table 1 Delineation Soil Samples
Table 2 Confirmation Soil Samples

Appendix A Form C-141
Appendix B Referenced Wells
Appendix C Photographic Log

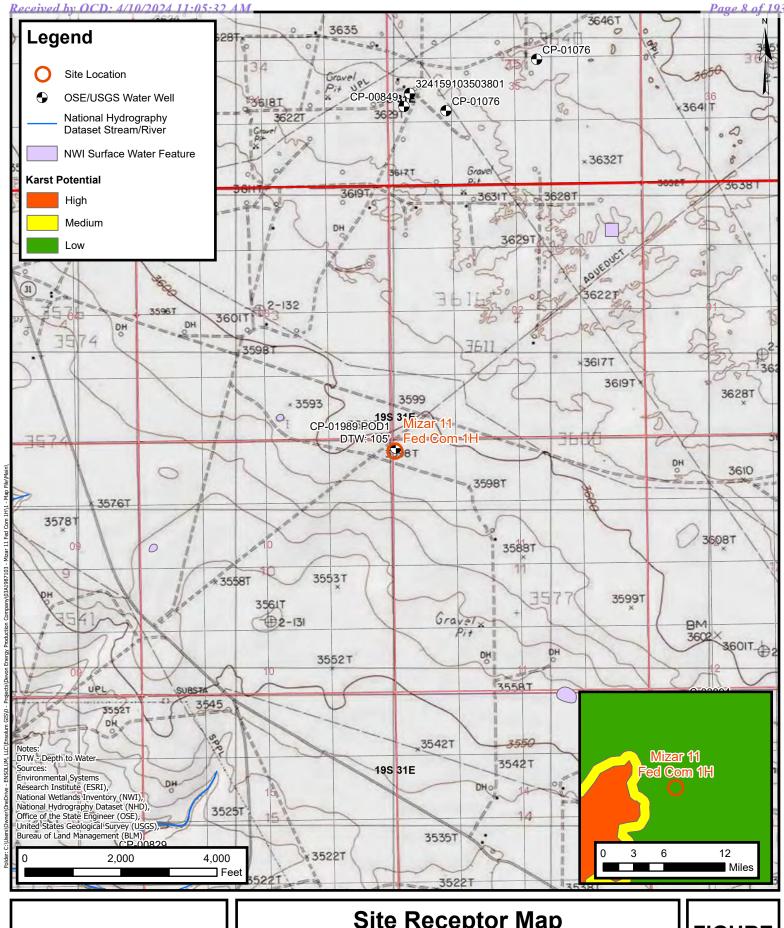
Appendix D Lithologic Soil Sampling Logs

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

Appendix F Email Correspondence



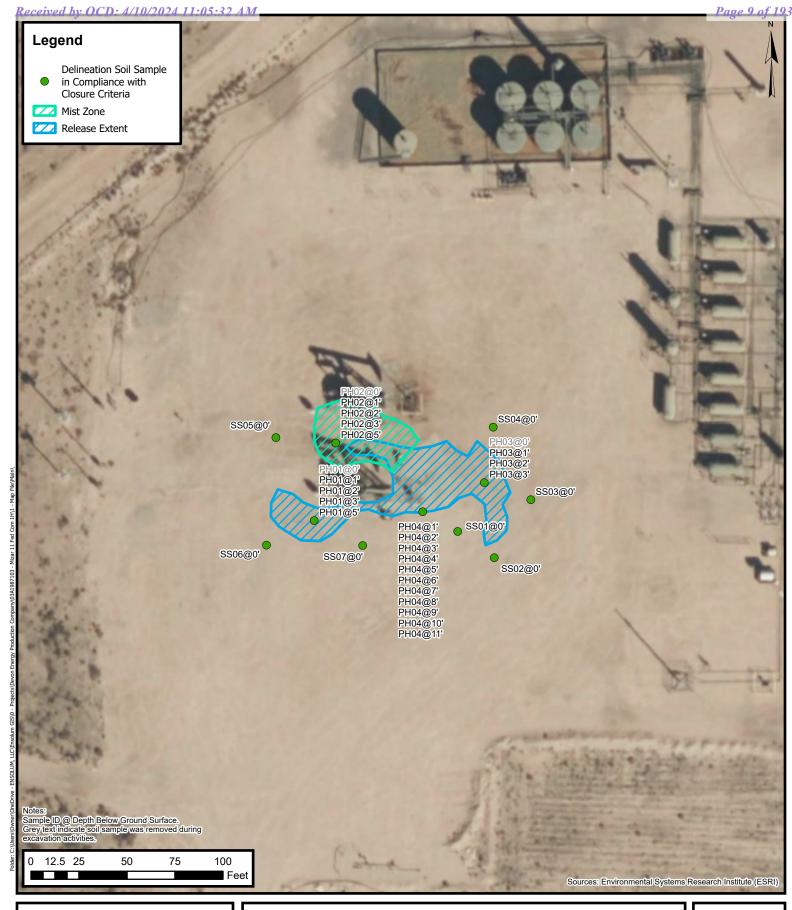






Site Receptor Map

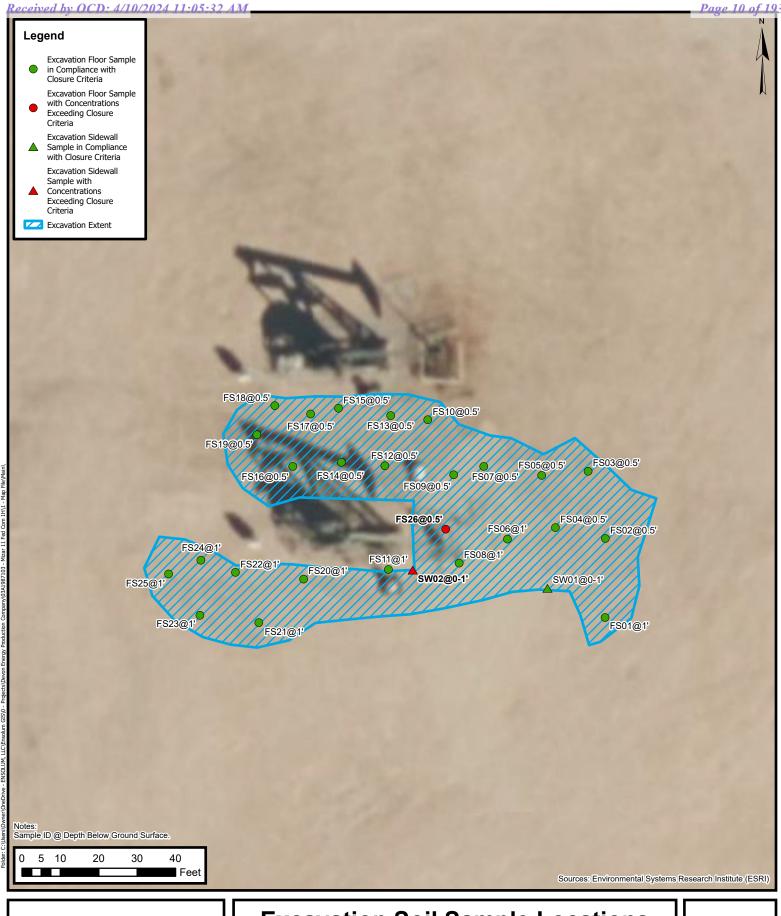
Devon Energy Production Company Mizar 11 Fed Com 1H Incident Number: nAPP2327624998 Unit D, Section 11, Township 19S, Range 31E Lea County, New Mexico





Delineation Soil Sample Locations

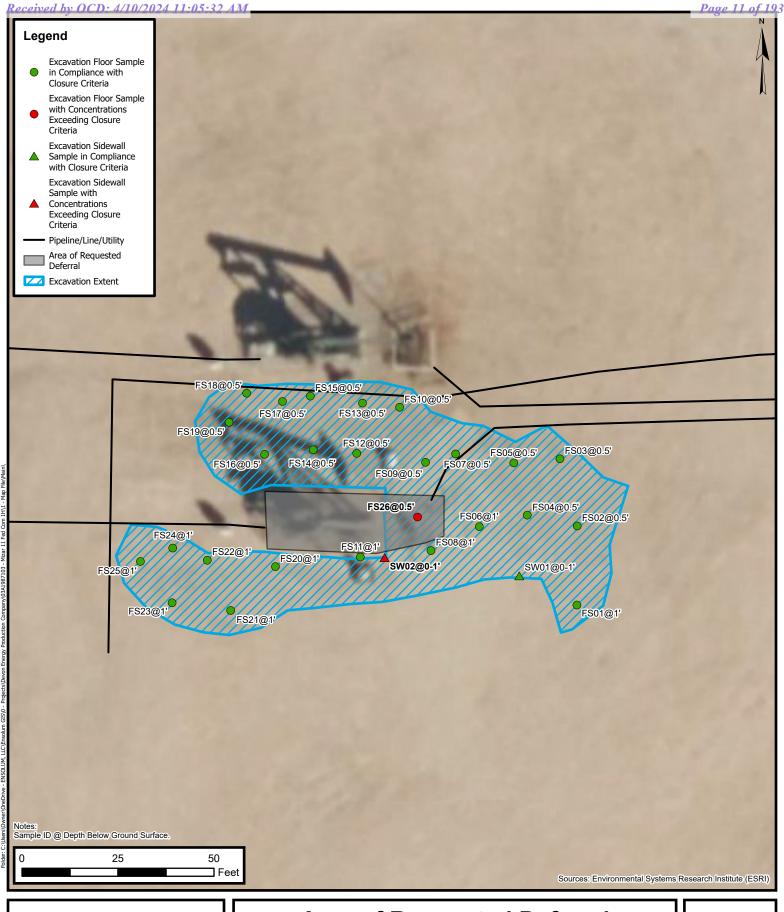
Devon Energy Production Company
Mizar 11 Fed Com 1H
Incident Number: nAPP2327624998
Unit D, Section 11, Township 19S, Range 31E
Lea County, New Mexico





Excavation Soil Sample Locations

Devon Energy Production Company
Mizar 11 Fed Com 1H
Incident Number: nAPP2327624998
Unit D, Section 11, Township 19S, Range 31E
Lea County, New Mexico





Area of Requested Deferral

Devon Energy Production Company
Mizar 11 Fed Com 1H
Incident Number: nAPP2327624998
Unit D, Section 11, Township 19S, Range 31E
Lea County, New Mexico



TABLES



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS

Mizar 11 Federal Com 1H

Devon Energy Production Company

Lea County, New Mexico

	Lea County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	NMOCD Table I Closure Criteria (NMAC 19.15.29)			50	NE	NE	NE	1,000	2,500	20,000
				Deli	neation Soil Sam	ples				
SS01	10/19/2023	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	96.3
SS02	10/19/2023	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	96.2
SS03	10/19/2023	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	126
SS04	10/19/2023	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	125
SS05	10/19/2023	0	<0.0250	<0.0500	<20.0	26.4	<50.0	26.4	26.4	97.9
SS06	10/19/2023	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	38.0
SS07	10/19/2023	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	50.0
PH01	11/8/2023	0	< 0.0250	2.472	29.3	7,720	3,330	11,050	11,050	731
PH01	11/8/2023	1	<0.0250	< 0.0500	<20.0	281	446	727	727	181
PH01	11/8/2023	2	<0.0250	<0.0500	<20.0	259	385	644	644	254
PH01	11/8/2023	3	<0.0250	< 0.0500	<20.0	96.5	117	213.5	213.5	303
PH01	12/18/2023	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	157
PH02	11/8/2023	0	< 0.0250	< 0.0500	<20.0	96.7	137	233.7	233.7	2,300
PH02	11/8/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	973
PH02	11/8/2023	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	777
PH02	11/8/2023	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	977
PH02	12/18/2023	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	266
PH03	11/8/2023	0	< 0.0250	< 0.0500	<20.0	28.7	<50.0	<25.0	28.7	8,640
PH03	11/8/2023	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	791
PH03	11/8/2023	2	<0.0250	<0.0500	<20.0	122	68.9	190.9	190.9	1,910
PH03	11/8/2023	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<20.0	136

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.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

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



TABLE 1 - CONT'D

SOIL SAMPLE ANALYTICAL RESULTS

Mizar 11 Federal Com 1H

Devon Energy Production Company
Lea County, New Mexico

	Eca county, New mexico												
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)			
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	20,000			
	Delineation Soil Samples												
PH04	1/18/2024	1	< 0.0250	<0.0500	<20.0	113	77.1	190.1	190.1	3,520			
PH04	1/18/2024	2	<0.0250	<0.0500	<20.0	55.4	<50.0	55.4	55.4	2,120			
PH04	1/18/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	841			
PH04	1/18/2024	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	702			
PH04	1/18/2024	5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,050			
PH04	1/18/2024	6	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,240			
PH04	1/18/2024	7	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	881			
PH04	2/2/2024	8	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	79.9			
PH04	2/2/2024	9	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	73.7			
PH04	2/2/2024	10	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	77.4			
PH04	2/2/2024	11	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	89.1			

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.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics
ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

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



TABLE 2 **SOIL SAMPLE ANALYTICAL RESULTS**

Mizar 11 Federal Com 1H **Devon Energy Production Company** Lea County, New Mexico

	Lea County, New Mexico											
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)		
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000		
	Excavation Floor Soil Samples											
FS01	1/17/2024	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	273		
FS02	1/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	31.0	31.0	2,330		
FS03	1/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	25.0	25.0	594		
FS04	1/18/2024	0.5	<0.0250	<0.0500	<20.0	376	212	376	588	2,560		
FS05	1/18/2024	0.5	< 0.0250	<0.0500	<20.0	232	130	232	362	717		
FS06	1/18/2024	1	< 0.0250	<0.0500	<20.0	43.0	<50.0	<50.0 43.0		2,930		
FS07	1/18/2024	0.5	<0.0250	<0.0500	<20.0	131	113	131	244	2,490		
FS08	1/18/2024	1	< 0.0250	<0.0500	<20.0	186	191	186	377	4,870		
FS09	1/18/2024	0.5	< 0.0250	<0.0500	<20.0	385	483	385	868	2,200		
FS10	1/18/2024	0.5	<0.0250	<0.0500	<20.0	122	228	122	350	2,040		
FS11	1/18/2024	1	<0.0250	<0.0500	<20.0	301	240	301	541	2,750		
FS12	1/18/2024	0.5	<0.0250	<0.0500	<20.0	150	114	150	264	1,120		
FS13	1/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,250		
FS14	1/18/2024	0.5	<0.0250	<0.0500	<20.0	95.6	83.8	95.6	179.4	1,710		
FS15	1/18/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,010		
FS16	1/18/2024	0.5	<0.0250	<0.0500	<20.0	67.0	66.0	67.0	133	1,730		
FS17	1/18/2024	0.5	<0.0250	<0.0500	<20.0	39.7	82.7	39.7	122.4	1,340		
FS18	1/18/2024	0.5	<0.0250	<0.0500	<20.0	26.8	<50.0	26.8	26.8	1,060		
FS19	1/18/2024	0.5	<0.0250	<0.0500	<20.0	258	459	459	717	509		
FS20	1/18/2024	1	<0.0250	<0.0500	<20.0	61.8	50.5	61.8	112.3	1,890		

Notes:

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NMOCD: New Mexico Oil Conservation Division

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Grey text represents samples that have been excavated

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

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

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



TABLE 2 - CONT'D

SOIL SAMPLE ANALYTICAL RESULTS

Mizar 11 Federal Com 1H

Devon Energy Production Company
Lea County, New Mexico

	Lea County, New Mexico												
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)			
NMOCD Table I Closure Criteria (NMAC 19.15.29)			10	50	NE	NE	NE	1,000	2,500	20,000			
	Excavation Floor Soil Samples												
FS21	1/17/2024	1	< 0.0250	<0.0500	<20.0	176	158	176	334	190			
FS22	1/17/2024	1	<0.0250	<0.0500	<20.0	110	99.5	110	209.5	674			
FS23	1/17/2024	1	<0.0250	<0.0500	<20.0	46.1	<50.0	46.1	46.1	544			
FS24	1/17/2024	1	<0.0250	<0.0500	<20.0	52.5	57.0	52.5	109.5	948			
FS25	1/17/2024	1	<0.0250	<0.0500	<20.0	25.5	<50.0	25.5	25.5	1,460			
FS26	2/2/2024	0.5	< 0.0250	<0.0500	<20.0	1,060	551	1,060	1,611	14,800			
				Excavati	on Sidewall Soil	Samples							
SW01	1/18/2024	0-1	<0.0250	<0.0500	<20.0	27.8	<50.0	27.8	27.8	398			
SW02	1/18/2024	0-1	<0.0250	<0.0500	<20.0	1,160	520	1,160	1,680	6,920			

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

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

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



APPENDIX A

Form C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible	Party			OGRID						
Contact Nam	ie			Contact To	elephone					
Contact emai	1			Incident #	(assigned by OCD)					
Contact mail	ing address			1						
			Location	of Release So	ource					
Latitude				Longitude						
			(NAD 83 in dec	cimal degrees to 5 decir	nal places)					
Site Name				Site Type						
Date Release	Discovered			API# (if app	olicable)					
Unit Letter	Section	Township	Range	Cour	nts.	1				
Omit Letter	Section	Township	Range	Cour	ity					
Surface Owner	r: State	☐ Federal ☐ Tr	ibal Private (A	Name:)				
			Natura and	d Volume of 1	Ralaasa					
Crude Oil		(s) Released (Select al Volume Release		calculations or specific	Volume Reco	volumes provided below) vered (bbls)				
Produced		Volume Release	` '		Volume Recovered (bbls)					
Troduced			ion of total dissol	ved solids (TDS)	Yes N	, ,				
		in the produced	water >10,000 mg							
Condensa	te	Volume Release	d (bbls)		Volume Reco	vered (bbls)				
Natural G	as	Volume Release	d (Mcf)		Volume Reco	vered (Mcf)				
Other (des	scribe)	Volume/Weight	Released (provide	e units)	Volume/Weig	ht Recovered (provide units)				
Cause of Rele	ease									

Received by OCD: 4/10/2024 11:05:32 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

Page	<i>19</i>	oj	<i>F</i> 1	9 3

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	sible party consider this a major release?									
19.15.29.7(A) NMAC?										
☐ Yes ☐ No										
If YES, was immediate notice given to the OCD? By whom? To who	om? When and by what means (phone, email, etc)?									
	(4,,)									
Initial Re	sponse									
The responsible party must undertake the following actions immediately	unless they could create a safety hazard that would result in injury									
☐ The source of the release has been stopped.										
☐ The impacted area has been secured to protect human health and t	he environment.									
Released materials have been contained via the use of berms or di	kes, absorbent pads, or other containment devices.									
All free liquids and recoverable materials have been removed and	managed appropriately.									
If all the actions described above have <u>not</u> been undertaken, explain w	If all the actions described above have <u>not</u> been undertaken, explain why:									
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred										
within a fined containment area (see 19.13.29.11(A)(3)(a) NMAC), pi	fforts have been successfully completed or if the release occurred ease attach all information needed for closure evaluation.									
I hereby certify that the information given above is true and complete to the be regulations all operators are required to report and/or file certain release notifi public health or the environment. The acceptance of a C-141 report by the OC failed to adequately investigate and remediate contamination that pose a threat addition, OCD acceptance of a C-141 report does not relieve the operator of reand/or regulations.	ease attach all information needed for closure evaluation. est of my knowledge and understand that pursuant to OCD rules and cations and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have to groundwater, surface water, human health or the environment. In									
I hereby certify that the information given above is true and complete to the be regulations all operators are required to report and/or file certain release notificable public health or the environment. The acceptance of a C-141 report by the OC failed to adequately investigate and remediate contamination that pose a threat addition, OCD acceptance of a C-141 report does not relieve the operator of reand/or regulations. Printed Name: Dale Woodall	ease attach all information needed for closure evaluation. est of my knowledge and understand that pursuant to OCD rules and cations and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have to groundwater, surface water, human health or the environment. In esponsibility for compliance with any other federal, state, or local laws Title:Env. Professional									
I hereby certify that the information given above is true and complete to the be regulations all operators are required to report and/or file certain release notificable public health or the environment. The acceptance of a C-141 report by the OC failed to adequately investigate and remediate contamination that pose a threat addition, OCD acceptance of a C-141 report does not relieve the operator of reand/or regulations.	ease attach all information needed for closure evaluation. est of my knowledge and understand that pursuant to OCD rules and cations and perform corrective actions for releases which may endanger CD does not relieve the operator of liability should their operations have to groundwater, surface water, human health or the environment. In esponsibility for compliance with any other federal, state, or local laws Title:Env. Professional									
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APPENDIX B

Well Log & Record



NOL	OSE POD NO. (W POD1				VELL TAG ID NO N/A	D .		OSE FILE NO CP-01989					
OCAT	WELL OWNER N Devon Energy		ection Company					PHONE (OPT 575-748-18					
WELLI	WELL OWNER N 205 E. Bender							Hobbs		STATE Nm 88240	ZIP		
GENERAL AND WELL LOCATION	WELL LOCATION	LAT	TITUDE	GREES 32	MINUTES 40	SECONDS 52,201	2 N	4700000000	Y REQUIRED: ONE TEN	TH OF A SECOND			
I. GENER		RELATIN	G WELL LOCATION TO					A CHILDREN	QUIRED: WGS 84 DWNSHJIP, RANGE) WH	IERE AVAILABLE			
_	LICENSE NO	on 11,	Township 19S, Ran	7 276.7	ounty, New M	Aexico			NAME OF WELL DR	ILLING COMPANY			
	WD118	8			n Scarboroug	;h				rborough Drilling Inc.			
	03/04/20		03/04/2024	DEPTH OF COM	PLETED WELL (1 105	FT) B	ORE HO	LE DEPTH (FT) 105	DEPTH WATER FIR	ST ENCOUNTERED (FT) N/A			
z	COMPLETED W	ELL IS:	ARTESIAN	✓ DRY HOLE	SHALL	OW (UNCONF	INED)		STATIC WATER LEVEL IN COMPLETED WELL N/A				
VTIO	DRILLING FLUI	D:	✓ AIR	☐ MUD	ADDITI	VES – SPECIF	Y:						
RM/	DRILLING MET	HOD:	✓ ROTARY	HAMMER	CABLE	TOOL [ОТНЕ	ER - SPECIFY:					
2. DRILLING & CASING INFORMATION	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	(include ea	ATERIAL AN GRADE ch casing string	g, and	CON	ASING NECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches		
& CAS	0	105	5.00		ctions of screer oil Boring	1) (;	idd cour	oling diameter)	- (menes)	-	-		
ING													
RILL		-					-						
2. D													
		_											
٠	DEPTH (fee	t bgl)	BORE HOLE	1	ANNULAR S				AMOUNT	метно			
RIAI	FROM	TO	DIAM. (inches)	GRAVI	EL PACK SIZI	E-RANGE B N/A	Y INT	ERVAL	(cubic feet)	PLACEN	MENT		
3. ANNULAR MATERIAL						N/A							
NNDLA													
3. A.													
FOR	OSE INTERNA	Luce					_	Series :	- Taran / L. Carlo Salar	2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			
	OSE INTERNA E NO.	L USE			POD N	0.		TRN		& LOG (Version 04/30	0/19)		
LOC	ATION				1	554		1,	X-1.53	PAGE			

PAGE 2 OF 2

WELL TAG ID NO.

	DEPTH (fo	ect bgl)		COLOR AN	ND TYPE OF MATERI	AL ENCOU	NTUBUS	Factoria	ESTIMATED
	FROM	то	THICKNESS (feet)	INCLUDE WAT	ER-BEARING CAVIT	IES OR FRA	CTURE ZONES	WATER BEARING? (YES / NO)	YIELD FOR WATER- BEARING ZONES (gpm)
	0	10	10					Y /N	as no (gpm)
	10	20	10	Sand, red/	brown, coarse to fine gr	ain with cali	the gravel	Y /N	
	20	30	10	Sand with c	lay, fine grain, trace cal	iche gravel,	ionuniform	Y /N	
	30	40	10	Sand with calich	e gravel, red, coarse trac	ce caliche gra	vel, nonuniform	Y /N	
	40	50	10	Sand	y-clay, red, very fine to	fine, noncoh	esive	Y /N	
J,	50	60	10	Sand with gravel.	red to bown, 52 ft silic	Y /N			
4. HYDROGEOLOGIC LOG OF WELL	60	70	10	2-3-2-3	el, red to brown, fine to			Y /N	
40	70	80	10		y sand with red clay, 77	O O TO TO THE PARTY	J-20-10-10-10-10-10-10-10-10-10-10-10-10-10	Y /N	
90	80	90	10		rey sand with red clay, i	2.07.7.1.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.		Y /N	
ICI	90	100	10		to med brown sand with		7 0	154-11	
200	100	105	5		to med brown sand with		2.5. 12.40		
EO	105	105	0		ey sand with red clay, m	the state of the s	PRPLEMENT CHARLES	Y VN	
ROC					,		S, S	Y N	
HYD								Y N	
4								Y N	
								Y N	
								YN	
								Y N	
								Y N	
								Y N	
								Y N	
	METHOD U	SED TO E	STIMATE YIELI	OF WATER-BEARIN	IG STRATA:		тот	AL ESTIMATED	
* 1	PUMP		AIR LIFT	BAILER O	THER - SPECIFY:	LL YIELD (gpm):	0.00		
NOB	WELL TEST	TEST	RESULTS - ATT	FACH A COPY OF DA	TA COLLECTED DUR HOWING DISCHARG	ING WELL E AND DRA	TESTING, INCLUD	ING DISCHARGE N IE TESTING PERIO	METHOD,
TEST; RIG SUPERVISIC	MISCELLAN	SEOUS IN	FORMATION: T bo	emporary well mater clow ground surface	ial removed and soil b (bgs), then hydrated b	poring back entonite chi	filled using drill cu ps 10 ft bgs to gro	ttings from total de und surface.	epth to 10 ft
S. TEST	PRINT NAM Scott Scarbo		PRILL RIG SUPE	RVISOR(S) THAT PRO	OVIDED ONSITE SUPI	ERVISION C	F WELL CONSTRU	ICTION OTHER TH	AN LICENSEE:
6. SIGNATURE	WELL RECO	THE ABO	OVE DESCRIBED ALSO BE FILED	HAT TO THE BEST OF WELL, I ALSO CERTO WITH THE PERMIT	TIFY THAT THE WEL	L TAG, IF R	EQUIRED, HAS BE	EN INSTALLED AN	ID THAT THIS
S. SIGN.	Scott Scarborou	ıgh	Digitally signed by Scott Scarborough Date: 2024.03.25 08:44.5 -06:00	Sc	ott Scarborough			03/25/2024	
		SIGNAT	TURE OF DRILLE	ER / PRINT SIGNEE	NAME			DATE	
FO	R OSE INTERN	AL USE					WR-20 WELL RI	CORD & LOG (Ver	sion 04/30/2019)
	E NO.				POD NO.		TRN NO.		

LOCATION



APPENDIX C

Photographic Log



Photographic Log

Devon Energy Production Company Mizar 11 Fed Com 1H nAPP2327624998





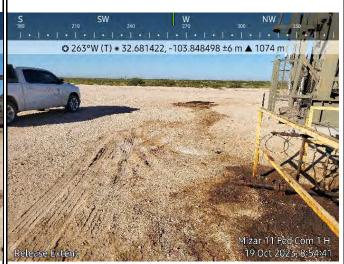
Photograph 1 Date: 10/19/2023 Photograph 2 Date: 10/19/2023

Description: Lease Sign

View: North

Description: Release Extent

View: Southwest



Photograph 3 Date: 10/19/2023 Photograph 4 Date: 10/19/2023

Description: Release Extent Description: Release Extent

View: West View: West



Photographic Log

Devon Energy Production Company Mizar 11 Fed Com 1H nAPP2327624998





Photograph 5 Date: 11/08/2023

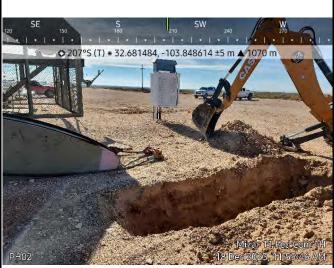
Description: Vertical Delineation

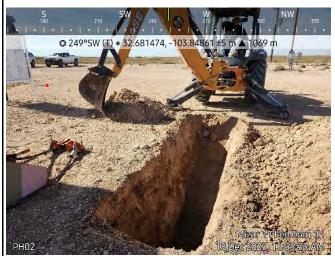
View: Northeast

Photograph 6 Date: 12/18/2023

Description: Vertical Delineation

View: Southwest





Photograph 7 Date: 12/18/2023 Photograph 8 Date: 12/18/2023

Description: Vertical Delineation Description: Vertical Delineation

View: Southwest View: Southwest

ENSOLUM

Photographic Log

Devon Energy Production Company Mizar 11 Fed Com 1H nAPP2327624998





Date: 01/16/2024

Photograph 9

Description: Excavation View: Northeast

Date: 01/16/2024

Photograph 10

Description: Excavation View: Northeast





Photograph 11
Description: Excavation

View: West

Date: 01/16/2024 Photo

Photograph 12

Date: 01/17/2024

Description: Hydrovac for electrical lines

View: West



Photographic Log

Devon Energy Production Company Mizar 11 Fed Com 1H nAPP2327624998





Date: 01/17/2024

Date: 01/17/2024

Photograph 13

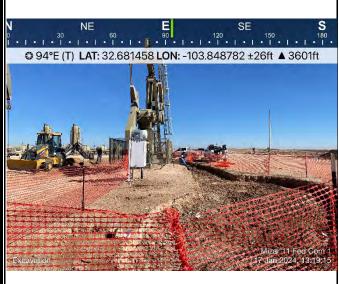
Description: Excavation View: East

Date: 01/17/2024

Photograph 14

Description: Excavation

View: Northwest





Photograph 15

Description: Excavation View: East

Date: 01/17/2024

Photograph 16

Description: Excavation area

View: Southwest

Page 4 of 6

ENSOLUM

Photographic Log

Devon Energy Production Company
Mizar 11 Fed Com 1H
nAPP2327624998





Date: 01/18/2024

Photograph 17 Date: 01/18/2024

Description: Scrape area

View: Southeast

Photograph 18

Description: Hydrovac by well head

View: East





Photograph 19 Date: 01/18/2024

Description: Excavation and scrape area

View: Northeast

Photograph 20 Date: 01/18/2024

Description: Excavation and scrape area

View: Southwest

ENSOLUM

Photographic Log

Devon Energy Production Company Mizar 11 Fed Com 1H nAPP2327624998





Photograph 21
Description: Scrape area

View: Southeast

Date: 01/18/2024

Photograph 22

Description: Scrape area

View: East

Date: 01/18/2024





Photograph 23

Date: 02/02/2024

Photograph 24

Date: 02/02/2024

Description: Potholing activities

Description: PH04 and wellhead

View: Northeast

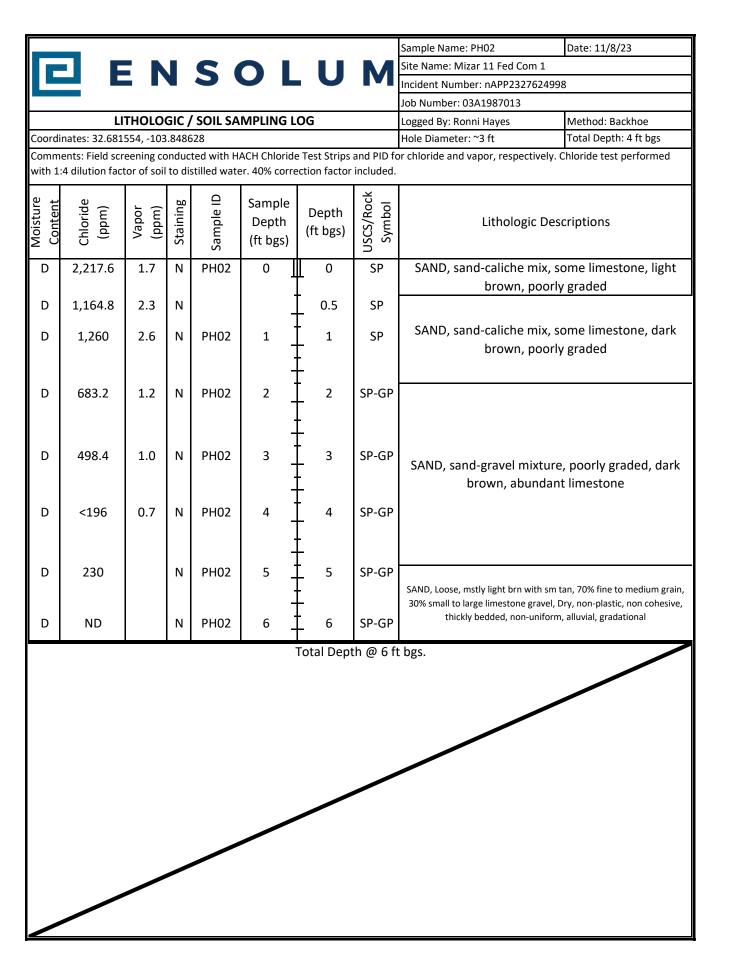
View: North

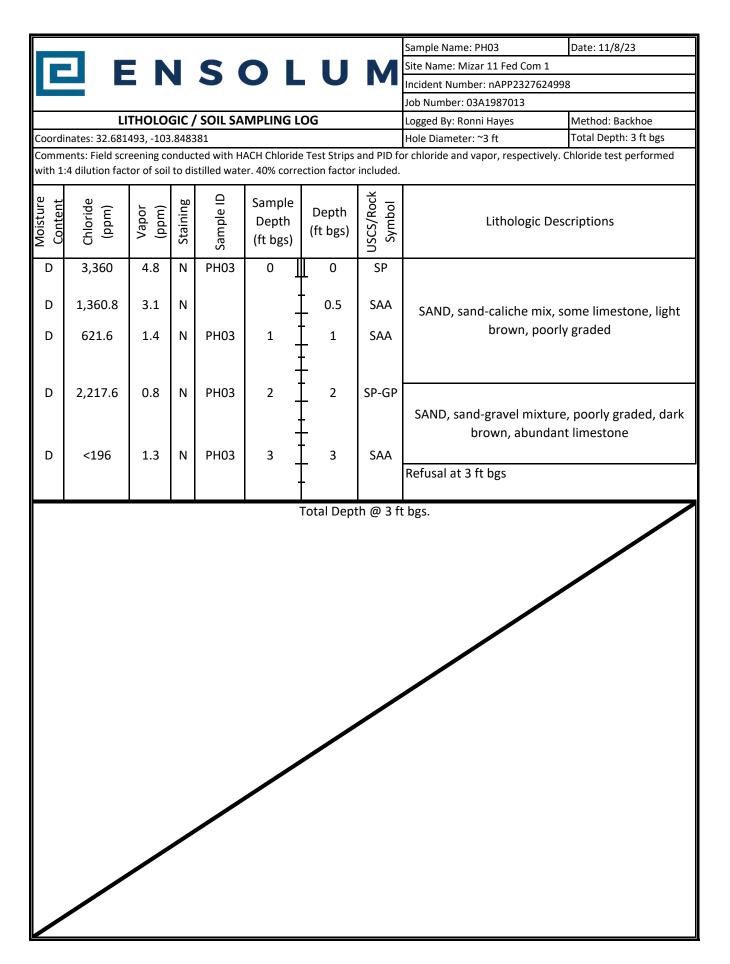


APPENDIX D

Lithologic Soil Sampling Logs

								Sample Name: PH01	Date: 11/8/23
		_					B .4	Site Name: Mizar 11 Fed Com 1	Date. 11/6/25
			V	5	O L				
		_	_			Incident Number: nAPP2327624998 Job Number: 03A1987013			
		ITHOLO	GIC	/ SOIL S	AMPLING	Logged By: Ronni Hayes	Method: Backhoe		
Coordi	nates: 32.6				-IVII EIIVO	Hole Diameter: ~3 ft	Total Depth: 3 ft bgs		
					HACH Chlor	o for chloride and vapor, respecti	·		
					ater. 40% co				, c
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions	
D	1075.2	260.2	N	PH01	0	0	SP		
D	302.4	23.9	N		_	0.5	SP	SAND, sand-caliche mix, some limestone, mediu brown, poorly graded	ome limestone medium
D	<196	6.4	N	PH01	1	1	SP		
						- - -			
D	196	4.5	N	PH01	2	_ 2	SP-GP	SAND, sand-gravel mixture, poorly graded, medium brown, abundant limestone	
						- - -			, , ,
D	263.2	0.8	N	PH01	3	_ 3	SP-GP	CAND and analysis and provided David	vo voorby graded David
					-	-		SAND, sand-gravel mixture, poorly graded, Dark brown, abundant limestone	
D	706		N	PH01	4 _	<u> </u>	SP	SAND, Loose, mstly light brn with sr 10% small to large limestone grave thickly bedded, non-unifo	l, Dry, non-plastic, non cohesive,
D	ND		N	PH01	5 _	_ 5	SP	SAND, Loose, mstly light red with sm tan, 70% fine to medium grai	
	1.50			51104	-	- -		30% small to large limestone gravel, Dry, non-plastic, non cohesive thickly bedded, non-uniform, alluvial, gradational	
D	168		N	PH01	6	Total Dep	SP	ft has	





								Sample Name: PH04 Date: 2/2/2024	\neg	
	7							Site Name: Mizar 11 Fed Com 1H		
			N	3	OI	_ U	IAI	Incident Number: nAPP2327624998		
						Job Number: 03A1987103				
		LITHOL	OGI	C / SOIL S	SAMPLING	Logged By: Ethan Haft Method: Back Hoe				
Coordi	inates:					Hole Diameter: 2ft Total Depth: 11ft BGS				
H					ACH Chloride correction fa	g for total petroleum hydrocarbons (TPH). Chloride test performed	with			
Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
Dry	n/a	n/a	Υ		- -	0	CCHE	Pad caliche. Patchy yellow-brown staining. Moist. Limestone pebbles.		
Dry	3,520	n/a	Υ	PH04	1 <u>-</u> -	1	CCHE	Pad caliche, brownish. Orange-brown stained spots. Frequent Limestone cobble.		
Wet	2,120	n/a	Υ	PH04	2	2	SM	Friable dark brown to blackish silty clay. Moderately sorted, limestone gravel and cobble. Non-plastic.		
Dry	841	n/a	N	PH04	3 _	3	CCHE			
Dry	702	n/a	N	PH04	4 <u>-</u>	4	CCHE	Limestone bed rock, massive lens.		
Dry	716	38	N	PH04	5 <u>-</u> 5 <u>-</u>	5	ССНЕ	Light white to buff tan, powdery when broken. Well sorted and consolidated carbonate rock.		
Dry	650	n/a	N	PH04	6 <u>-</u>	6	CCHE			
Dry	881	n/a	N	PH04	7 _	7	SC	Powdery carbonate soil, friable, med. brown. Moderate plasticity, well sorted silty clay. Occassional limestone cobble.		
Dry	ND	16	N	PH04	8 <u>-</u> -	- 8 -	SM	Poorly sorted light brown silty clay. Limestone cobble, medium to low plasticity.		
Dry	ND	10	N	PH04	9 _	9	SC			
Dry	ND	5	N	PH04	10 _	10	SC	Well sorted light brown clay, plastic. Rare silt and limestone gravel.		
Dry	ND	11	N	PH04	11 <u>-</u> -	11	SM	Poorly sorted light brown silty clay. Limestone cobble, medium to low plasticity.		



APPENDIX E

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: Mizar 11 Fed Com 1H

Work Order: E310202

Job Number: 01058-0007

Received: 10/23/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/27/23

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

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

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

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

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

Date Reported: 10/27/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Mizar 11 Fed Com 1H

Workorder: E310202

Date Received: 10/23/2023 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/23/2023 8:15:00AM, under the Project Name: Mizar 11 Fed Com 1H.

The analytical test results summarized in this report with the Project Name: Mizar 11 Fed Com 1H 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/27/23 14:02

Client Sample ID	Lab Sample ID M	latrix	Sampled	Received	Container
SS01 - 0'	E310202-01A	Soil	10/19/23	10/23/23	Glass Jar, 2 oz.
SS02 - 0'	E310202-02A	Soil	10/19/23	10/23/23	Glass Jar, 2 oz.
SS03 - 0'	E310202-03A	Soil	10/19/23	10/23/23	Glass Jar, 2 oz.
SS04 - 0'	E310202-04A	Soil	10/19/23	10/23/23	Glass Jar, 2 oz.
SS05 - 0'	E310202-05A	Soil	10/19/23	10/23/23	Glass Jar, 2 oz.
SS06 - 0'	E310202-06A	Soil	10/19/23	10/23/23	Glass Jar, 2 oz.
SS07 - 0'	E310202-07A	Soil	10/19/23	10/23/23	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/27/2023 2:02:40PM

SS01 - 0' E310202-01

		E310202-01					
Analyte	Result	Reporting Limit	Dib	ution	Prepared	Analyzed	Notes
Allalyte	Result	Limit	Dill	ution	Trepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2343024
Benzene	ND	0.0250		1	10/23/23	10/25/23	
Ethylbenzene	ND	0.0250		1	10/23/23	10/25/23	
Toluene	ND	0.0250		1	10/23/23	10/25/23	
o-Xylene	ND	0.0250		1	10/23/23	10/25/23	
p,m-Xylene	ND	0.0500		1	10/23/23	10/25/23	
Total Xylenes	ND	0.0250		1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		101 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		110 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	RKS		Batch: 2343024
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		101 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		110 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2343009
Diesel Range Organics (C10-C28)	ND	25.0		1	10/23/23	10/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	10/23/23	10/23/23	
Surrogate: n-Nonane		82.7 %	50-200		10/23/23	10/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	RAS		Batch: 2343072
Chloride	96.3	20.0		1	10/25/23	10/26/23	



Devon Energy - CarlsbadProject Name:Mizar 11 Fed Com 1H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/27/2023 2:02:40PM

SS02 - 0'

E310202-02

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2343024
Benzene	ND	0.0250		1	10/23/23	10/25/23	
Ethylbenzene	ND	0.0250		1	10/23/23	10/25/23	
Toluene	ND	0.0250		1	10/23/23	10/25/23	
o-Xylene	ND	0.0250		1	10/23/23	10/25/23	
p,m-Xylene	ND	0.0500		1	10/23/23	10/25/23	
Total Xylenes	ND	0.0250		1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		98.8 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		112 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2343024
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		98.8 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		112 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2343009
Diesel Range Organics (C10-C28)	ND	25.0		1	10/23/23	10/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	10/23/23	10/23/23	
Surrogate: n-Nonane		80.9 %	50-200		10/23/23	10/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2343072
Chloride	96.2	20.0		1	10/25/23	10/26/23	



Devon Energy - CarlsbadProject Name:Mizar 11 Fed Com 1H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/27/2023 2:02:40PM

SS03 - 0'

E310202-03

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2343024
Benzene	ND	0.0250		1	10/23/23	10/25/23	
Ethylbenzene	ND	0.0250		1	10/23/23	10/25/23	
Toluene	ND	0.0250		1	10/23/23	10/25/23	
o-Xylene	ND	0.0250		1	10/23/23	10/25/23	
p,m-Xylene	ND	0.0500		1	10/23/23	10/25/23	
Total Xylenes	ND	0.0250		1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		101 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		111 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2343024
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		101 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		111 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2343009
Diesel Range Organics (C10-C28)	ND	25.0		1	10/23/23	10/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	10/23/23	10/23/23	
Surrogate: n-Nonane		85.5 %	50-200		10/23/23	10/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2343072
Chloride	126	20.0		1	10/25/23	10/26/23	



Devon Energy - CarlsbadProject Name:Mizar 11 Fed Com 1H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/27/2023 2:02:40PM

SS04 - 0' E310202-04

Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2343024
Benzene	ND	0.0250	1	10/23/23	10/25/23	
Ethylbenzene	ND	0.0250	1	10/23/23	10/25/23	
Toluene	ND	0.0250	1	10/23/23	10/25/23	
o-Xylene	ND	0.0250	1	10/23/23	10/25/23	
p,m-Xylene	ND	0.0500	1	10/23/23	10/25/23	
Total Xylenes	ND	0.0250	1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130	10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	10/23/23	10/25/23	
Surrogate: Toluene-d8		112 %	70-130	10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2343024
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		99.0 %	70-130	10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	10/23/23	10/25/23	
Surrogate: Toluene-d8		112 %	70-130	10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: JL		Batch: 2343009
Diesel Range Organics (C10-C28)	ND	25.0	1	10/23/23	10/23/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/23/23	10/23/23	
Surrogate: n-Nonane		82.1 %	50-200	10/23/23	10/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: RAS		Batch: 2343072
Chloride	125	20.0	1	10/25/23	10/26/23	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/27/2023 2:02:40PM

SS05 - 0' E310202-05

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		Analyst:		1 mary 200	Batch: 2343024
Volatile Organic Compounds by EPA 8260B Benzene	ND	0.0250		1	10/23/23	10/25/23	Batch: 25-1302-1
Ethylbenzene	ND ND	0.0250		1	10/23/23	10/25/23	
Toluene	ND	0.0250		1	10/23/23	10/25/23	
o-Xylene	ND	0.0250		1	10/23/23	10/25/23	
p,m-Xylene	ND	0.0500		1	10/23/23	10/25/23	
Total Xylenes	ND	0.0250		1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		101 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		112 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2343024
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		101 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		112 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: JL		Batch: 2343009
Diesel Range Organics (C10-C28)	26.4	25.0		1	10/23/23	10/23/23	
Oil Range Organics (C28-C36)	ND	50.0		1	10/23/23	10/23/23	
Surrogate: n-Nonane		85.4 %	50-200		10/23/23	10/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: RAS		Batch: 2343072
Chloride	97.9	20.0	•	1	10/25/23	10/26/23	

Devon Energy - CarlsbadProject Name:Mizar 11 Fed Com 1H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/27/2023 2:02:40PM

SS06 - 0'

		E310202-06					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2343024
Benzene	ND	0.0250	1	1	10/23/23	10/25/23	
Ethylbenzene	ND	0.0250		1	10/23/23	10/25/23	
Toluene	ND	0.0250		1	10/23/23	10/25/23	
o-Xylene	ND	0.0250		1	10/23/23	10/25/23	
p,m-Xylene	ND	0.0500		1	10/23/23	10/25/23	
Total Xylenes	ND	0.0250		1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		103 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		111 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2343024
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		103 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		111 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	JL		Batch: 2343009
Diesel Range Organics (C10-C28)	ND	25.0		1	10/23/23	10/23/23	
Oil Range Organics (C28-C36)	ND	50.0	:	1	10/23/23	10/23/23	
Surrogate: n-Nonane		85.7 %	50-200		10/23/23	10/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2343072
Chloride	38.0	20.0		1	10/25/23	10/26/23	



Devon Energy - CarlsbadProject Name:Mizar 11 Fed Com 1H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/27/2023 2:02:40PM

SS07 - 0'

		E310202-07					
		Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2343024
Benzene	ND	0.0250	1	1	10/23/23	10/25/23	
Ethylbenzene	ND	0.0250		1	10/23/23	10/25/23	
Toluene	ND	0.0250		1	10/23/23	10/25/23	
o-Xylene	ND	0.0250		1	10/23/23	10/25/23	
p,m-Xylene	ND	0.0500		1	10/23/23	10/25/23	
Total Xylenes	ND	0.0250		1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		101 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		110 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2343024
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	10/23/23	10/25/23	
Surrogate: Bromofluorobenzene		101 %	70-130		10/23/23	10/25/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/23/23	10/25/23	
Surrogate: Toluene-d8		110 %	70-130		10/23/23	10/25/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	ЛL		Batch: 2343009
Diesel Range Organics (C10-C28)	ND	25.0		1	10/23/23	10/23/23	
Oil Range Organics (C28-C36)	ND	50.0	:	1	10/23/23	10/23/23	
Surrogate: n-Nonane		91.9 %	50-200		10/23/23	10/23/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	RAS		Batch: 2343072
Chloride	50.0	40.0	2	2	10/25/23	10/26/23	

Devon Energy - Carlsbad Mizar 11 Fed Com 1H Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 10/27/2023 2:02:40PM **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 (2343024-BLK1) Prepared: 10/23/23 Analyzed: 10/25/23 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 0.496 0.500 99.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.493 0.500 98.6 70-130 0.500 112 70-130 Surrogate: Toluene-d8 0.561 LCS (2343024-BS1) Prepared: 10/23/23 Analyzed: 10/25/23 2.55 0.0250 2.50 102 70-130 Benzene 2.50 106 70-130 2.64 Ethylbenzene 0.0250 2.69 0.0250 2.50 107 70-130 70-130 2.60 0.0250 2.50 104 o-Xylene 105 5.25 5.00 70-130 p,m-Xylene 0.0500 7.85 0.0250 7.50 105 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.488 0.500 97.6 70-130 0.500 101 70-130 Surrogate: 1,2-Dichloroethane-d4 0.503 70-130 Surrogate: Toluene-d8 0.533 0.500 Matrix Spike (2343024-MS1) Source: E310202-02 Prepared: 10/23/23 Analyzed: 10/25/23 2.45 0.0250 2.50 ND 48-131 45-135 Ethylbenzene 2.60 0.0250 2.50 ND 104 105 48-130 Toluene 2.62 0.0250 2.50 ND 2.49 0.0250 2.50 ND 99.4 43-135 o-Xylene 5.01 ND 100 43-135 p,m-Xylene 0.0500 5.00 Total Xylenes 7.50 0.0250 7.50 ND 100 43-135 97.4 Surrogate: Bromofluorobenzene 0.487 0.500 70-130 0.500 99.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.499

0.500

2.50

2.50

2.50

2.50

5.00

7.50

0.500

0.500

0.500

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

0.541

2.33

2.47

2.32

4.71

7.03

0.486

0.492

0.541

70-130

48-131

45-135

48-130

43-135

43-135

43-135

70-130

70-130

70-130

5.10

5.38

6.15

7.10

6.24

6.53

Source: E310202-02

93.3

98.4

98.7

92.6

94.2

93.7

97 1

98.3

ND

ND

ND

ND

ND

ND



Prepared: 10/23/23 Analyzed: 10/25/23

23

27

24

27

27

27

Surrogate: Toluene-d8

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Matrix Spike Dup (2343024-MSD1)

Surrogate: Toluene-d8

QC Summary Data

Devon Energy - CarlsbadProject Name:Mizar 11 Fed Com 1HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo10/27/20232:02:40PM

	Non	halogenated	Organics	by EPA 80	15D - G	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 (2343024-BLK1)]	Prepared: 1	0/23/23 Ana	lyzed: 10/25/23		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: Bromofluorobenzene	0.496		0.500		99.2	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.493		0.500		98.6	70-130					

LCS (2343024-BS2)					Prepared: 10/23/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	58.5	20.0	50.0	117	70-130
Surrogate: Bromofluorobenzene	0.511		0.500	102	70-130
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500	95.3	70-130
Surrogate: Toluene-d8	0.558		0.500	112	70-130

0.500

112

70-130

0.561

Matrix Spike (2343024-MS2)				Source:	E310202-0)2	Prepared: 10/23/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	55.7	20.0	50.0	ND	111	70-130	
Surrogate: Bromofluorobenzene	0.499		0.500		99.8	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130	
Surrogate: Toluene-d8	0.552		0.500		110	70-130	
Surrogue. Totalene-uo	0.332		0.500		7240000		D 1 10 (00 (00) 1 1 1 10 (07 (00

Matrix Spike Dup (2343024-MSD2)				Source:	E310202-	02	Prepared: 10	0/23/23 Analyzed: 10/25/23
Gasoline Range Organics (C6-C10)	56.3	20.0	50.0	ND	113	70-130	1.03	20
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130		
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130		
Surrogate: Toluene-d8	0.557		0.500		111	70-130		

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Mizar 11 Fed Com 1H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/27/2023 2:02:40PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				10/27/2023 2:02:40PM
	Nonhal	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2343009-BLK1)							Prepared: 1	0/23/23	Analyzed: 10/23/23
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	44.2		50.0		88.5	50-200			
LCS (2343009-BS1)							Prepared: 1	0/23/23	Analyzed: 10/23/23
Diesel Range Organics (C10-C28)	250	25.0	250		99.8	38-132			
urrogate: n-Nonane	44.5		50.0		88.9	50-200			
Matrix Spike (2343009-MS1)				Source:	E310201-2	21	Prepared: 1	0/23/23	Analyzed: 10/23/23
Diesel Range Organics (C10-C28)	254	25.0	250	ND	101	38-132			
urrogate: n-Nonane	44.4		50.0		88.7	50-200			
Matrix Spike Dup (2343009-MSD1)				Source:	E310201-2	21	Prepared: 1	0/23/23	Analyzed: 10/23/23
Diesel Range Organics (C10-C28)	248	25.0	250	ND	99.3	38-132	2.18	20	
Gurrogate: n-Nonane	42.2		50.0		84.3	50-200			



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	: (Mizar 11 Fed C 01058-0007 Ashley Gioveng					Reported: 10/27/2023 2:02:40PM	1
,				300.0/9056					Analyst: RAS	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2343072-BLK1)							Prepared: 1	.0/25/23	Analyzed: 10/26/23	
Chloride	ND	20.0								
LCS (2343072-BS1)							Prepared: 1	.0/25/23	Analyzed: 10/26/23	
Chloride	247	20.0	250		98.9	90-110				
Matrix Spike (2343072-MS1)				Source:	E310202-	01	Prepared: 1	0/25/23	Analyzed: 10/26/23	
Chloride	364	20.0	250	96.3	107	80-120				
Matrix Spike Dup (2343072-MSD1)				Source:	E310202-	01	Prepared: 1	0/25/23	Analyzed: 10/26/23	

250

20.0

96.3

109

80-120

0.938

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

Γ	Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/27/23 14:02

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.



roject Ir	nformation					Chain of Cus	tody											P	age1_
lient: [evon Energy	,			Bill To				Lá	ab Us	se Or	nly			T	AT		EPA P	rogram
Project:	Mizar 11 F	ed Com 1	H		Attention: Dale Woodal I			WO	ŧ		Job	Number		2D	3D	Sta	ndard	CWA	SDWA
Project N	/lanager: As	hley Giov	engo		Address: 5315 Buena Vista [)r	<u> E</u>	310.	<u> 200</u>	<u> </u>	Oto	T003 820					Х		
	3122 Natio				City, State, Zip: Carlsbad NM	1, 88220	-				Analy	ysis and Metho	od						RCRA
	e, Zip: Carls		88220		Phone: (575)689-7597		-	γqς						1				<u> </u>	
	575-988-005			+	Email: Dale.woodall@dvn.co	om	4) M	ĺ				l _	1		1		State	1
	giovengo@e	nsoium.c	om					8	12	99	 유	300.0	Σ		×			UT AZ	TX
Report d	ue by:		<u> </u>			Lab		102	64 8	ογ 8 2	8 8	ge 3	l g			-	×	<u> </u>	<u> </u>
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Numbe	r	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride	ВСБОС		2000	1		Remarks	i
12:32	10/19/2023	Soil	1		SS01 - 0'	3							x						
10:36	10/19/2023	Soil	1		SS02 - 0'	2							x						
11:48	10/19/2023	Soil	1		SS03 - 0'	3							х						
12:12	10/19/2023	Soil	1	_	SS04 - 0'	4							Х						
12:41	10/19/2023	Soil	1		SS05 - 0'	5							X						
12:35	10/19/2023	Soil	1		SS06 - 0'	9							Х						
12:00	10/19/2023	Soil	1		SS07 - 0'	7							X						
						**************************************												 ,	
													<u> </u>						
Addition	al Instructio	ns: Plea	se CC: cl	ourton@ensolu	ım.com, agiovengo@ensolum.co	m, Dale.wood	il@d	/n.co	m, ch	namil	lton(@ensolum.co	m						
	•	-		-	m aware that tampering with or intentionally	=	ple loc	ation,				es requiring thermal ped packed in ice at an					-		iled or
	of collection is o			y be grounds for leg		an Haft, Chad Hamilton		Time											
	ed by: (Signatu		iO,	122/25) [Received by: (Signature) Received by: (Signature)		1. <u>23</u>		<u> 5</u>	5	Rece	eived on ice:		b Us		ny .		ja sidensiy. S	
Youn	ed by: (Signatu	all	Date Date		Received by Signature)		3.2ª	Time	715	1	<u>T1</u>		<u>T2</u>	.: 		<u>.</u> .	гз		
M	Vew 1	nugo	10	20.23 2	330 Cath Ma	in 10.23		8':	15			Temp °C	1_		e				
Sample Mar	rix: S - Soil, Sd - S				nless other arrangements are made. Haz							lastic, ag - am		ass, v					



client expense. The report for the analysis of the above

Page 52

Client expense. The report for the analysis of the above

envirotech Inc.

Printed: 10/23/2023 10:05:26AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	10/23/23	08:15		Work Order ID:	E310202
Phone:	(505) 382-1211	Date Logged In:	10/20/23	15:50		Logged In By:	Caitlin Mars
Email:	ashley.giovengo@wescominc.com	Due Date:	10/27/23	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location ma	tch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier_		
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			Comments	s/Resolution
Sample T	urn Around Time (TAT)						
	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				
11. If yes,	were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C. Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
Sample C		remperature. 1	<u> </u>				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
	· · ·	ners conected?	105				
Field Lab	field sample labels filled out with the minimum info	rmation:					
	ample ID?	offination.	Yes				
	ate/Time Collected?		Yes	l			
	ollectors name?		Yes				
Sample P	<u>reservation</u>						
21. Does	the COC or field labels indicate the samples were p	reserved?	No				
22. Are sa	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	arv?	No				
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	· NI A		
		i so wilo:	1171	Subcolliact Lab	, IVA		
Client Ir	<u>astruction</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: Mizar 11 Fed Com 1

Work Order: E311089

Job Number: 01058-0007

Received: 11/10/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/17/23

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: 11/17/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Mizar 11 Fed Com 1

Workorder: E311089

Date Received: 11/10/2023 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/10/2023 7:00:00AM, under the Project Name: Mizar 11 Fed Com 1.

The analytical test results summarized in this report with the Project Name: Mizar 11 Fed Com 1 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:	Mizar 11 Fed Com 1	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/23 17:04

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
PH01-0'	E311089-01A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH01-1'	E311089-02A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH01-2'	E311089-03A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH01-3'	E311089-04A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH02-0'	E311089-05A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH02-1'	E311089-06A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH02-2'	E311089-07A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH02-3'	E311089-08A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH02-4'	E311089-09A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH03-0'	E311089-10A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH03-1'	E311089-11A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH03-2'	E311089-12A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.
PH03-3'	E311089-13A	Soil	11/08/23	11/10/23	Glass Jar, 4 oz.

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH01-0' E311089-01

		E311089-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allaryte	Kesuit	Lillit	Dilution	Trepared	Anaryzeu	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2346023
Benzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	0.328	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	0.727	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	0.347	0.0500	1	11/14/23	11/16/23	
Total Xylenes	1.07	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		111 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2346023
Gasoline Range Organics (C6-C10)	29.3	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	7720	50.0	2	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	3330	100	2	11/15/23	11/16/23	
Surrogate: n-Nonane		110 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: BA		Batch: 2346053
Chloride	731	20.0	1	11/15/23	11/15/23	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH01-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2346023
Benzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	ND	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	ND	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	ND	0.0500	1	11/14/23	11/16/23	
Total Xylenes	ND	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: RKS		Batch: 2346023
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	281	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	446	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		100 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2346053
Chloride	181	20.0	1	11/15/23	11/15/23	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH01-2'

		ъ .:				
Analysis	Dagult	Reporting Limit	Dilution	Duomono d	Amalaraad	Notes
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2346023
Benzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	ND	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	ND	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	ND	0.0500	1	11/14/23	11/16/23	
Total Xylenes	ND	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2346023
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	259	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	385	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		96.2 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2346053
Chloride	254	20.0	1	11/15/23	11/15/23	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH01-3'

E311	089 .	.04
L'SII	vo.	TUT

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS		Batch: 2346023
Benzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	ND	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	ND	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	ND	0.0500	1	11/14/23	11/16/23	
Total Xylenes	ND	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		91.5 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2346023
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	93.5	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	117	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		93.3 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: BA		Batch: 2346053



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH02-0'

		ъ .:				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		alyst: RKS	7 mary Zea	Batch: 2346023
Renzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	ND	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	ND	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	ND	0.0500	1	11/14/23	11/16/23	
Total Xylenes	ND	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2346023
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	96.7	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	137	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		97.9 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2346053
Chloride	2300	20.0	1	11/15/23	11/15/23	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH02-1'

		Domontino				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: RKS	<u>-</u>	Batch: 2346023
Benzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	ND	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	ND	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	ND	0.0500	1	11/14/23	11/16/23	
Total Xylenes	ND	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2346023
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		91.9 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2346053
Chloride	973	20.0	1	11/15/23	11/15/23	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH02-2'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2346023
Benzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	ND	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	ND	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	ND	0.0500	1	11/14/23	11/16/23	
Total Xylenes	ND	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		96.7 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2346023
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		97.5 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: BA		Batch: 2346053
Chloride	777	20.0	1	11/15/23	11/15/23	•



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH02-3'

E3110)89-	08
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		D am a+!				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2346023
Benzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	ND	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	ND	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	ND	0.0500	1	11/14/23	11/16/23	
Total Xylenes	ND	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: RKS		Batch: 2346023
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		99.1 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2346053
Chloride	977	20.0	1	11/15/23	11/15/23	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH03-0'

E311	

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: RKS		Batch: 2346023
Benzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	ND	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	ND	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	ND	0.0500	1	11/14/23	11/16/23	
Total Xylenes	ND	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		96.9 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg mg/kg Analyst: RKS			Batch: 2346023		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	28.7	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		97.9 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: BA		Batch: 2346053
Chloride	8640	200	10	11/15/23	11/15/23	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH03-1'

		ъ .:				
	D 1	Reporting		D 1		N
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2346023
Benzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	ND	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	ND	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	ND	0.0500	1	11/14/23	11/16/23	
Total Xylenes	ND	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: RKS		Batch: 2346023
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		93.9 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2346053
Chloride	791	20.0	1	11/15/23	11/15/23	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH03-2'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RKS	·	Batch: 2346023
Benzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	ND	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	ND	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	ND	0.0500	1	11/14/23	11/16/23	
Total Xylenes	ND	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		97.4 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RKS		Batch: 2346023
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	122	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	68.9	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		94.1 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2346053
Chloride	1910	20.0	1	11/15/23	11/15/23	·



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

PH03-3'

		Domontino				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: RKS	· · · · · · · · · · · · · · · · · · ·	Batch: 2346023
Benzene	ND	0.0250	1	11/14/23	11/16/23	
Ethylbenzene	ND	0.0250	1	11/14/23	11/16/23	
Toluene	ND	0.0250	1	11/14/23	11/16/23	
o-Xylene	ND	0.0250	1	11/14/23	11/16/23	
p,m-Xylene	ND	0.0500	1	11/14/23	11/16/23	
Total Xylenes	ND	0.0250	1	11/14/23	11/16/23	
Surrogate: 4-Bromochlorobenzene-PID		98.2 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: RKS		Batch: 2346023
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/14/23	11/16/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	11/14/23	11/16/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2346044
Diesel Range Organics (C10-C28)	ND	25.0	1	11/15/23	11/16/23	
Oil Range Organics (C28-C36)	ND	50.0	1	11/15/23	11/16/23	
Surrogate: n-Nonane		90.7 %	50-200	11/15/23	11/16/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2346053
Chloride	136	20.0	1	11/15/23	11/15/23	



		QC 50	ишш	ary Dat	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	0	fizar 11 Fed C 1058-0007					Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				11/17/2023 5:04:09PM
		Volatile Organics by EPA 8021B							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 (2346023-BLK1)							Prepared: 1	1/14/23 A	nalyzed: 11/16/23
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	7.78		8.00		97.3	70-130			
LCS (2346023-BS1)							Prepared: 1	1/14/23 A	nalyzed: 11/16/23
Benzene	5.12	0.0250	5.00		102	70-130			
Ethylbenzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.11	0.0250	5.00		102	70-130			
o-Xylene	5.10	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.4	0.0250	15.0		103	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.82		8.00		97.7	70-130			
Matrix Spike (2346023-MS1)				Source:	E311089-	03	Prepared: 1	1/14/23 A	nalyzed: 11/16/23
Benzene	5.06	0.0250	5.00	ND	101	54-133			
Ethylbenzene	5.00	0.0250	5.00	ND	100	61-133			
Toluene	5.05	0.0250	5.00	ND	101	61-130			
o-Xylene	5.00	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	7.79		8.00		97.4	70-130			
Matrix Spike Dup (2346023-MSD1)				Source:	E311089-	03	Prepared: 1	1/14/23 A	nalyzed: 11/16/23
Benzene	5.21	0.0250	5.00	ND	104	54-133	2.96	20	
Ethylbenzene	5.15	0.0250	5.00	ND	103	61-133	3.04	20	
Toluene	5.20	0.0250	5.00	ND	104	61-130	2.96	20	
o-Xylene	5.17	0.0250	5.00	ND	103	63-131	3.37	20	
p,m-Xylene	10.5	0.0500	10.0	ND	105	63-131	3.06	20	
T-4-1 V-1	15.7	0.0250	15.0	ND	104	62 121	2 16	20	



15.7

7.76

0.0250

15.0

8.00

ND

104

97.0

63-131

70-130

3.16

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	^
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

Artesia NM, 88210		Project Manager		shley Giovens	20			11	/17/2023 5:04:09Pl	
, 00210										
	Non	halogenated	Organics l	by EPA 80	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 (2346023-BLK1)							Prepared: 1	1/14/23 Ana	lyzed: 11/16/23	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130				
LCS (2346023-BS2)							Prepared: 1	1/14/23 Ana	lyzed: 11/16/23	
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.3	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130				
Matrix Spike (2346023-MS2)				Source:	E311089-	03	Prepared: 1	1/14/23 Ana	lyzed: 11/16/23	
Gasoline Range Organics (C6-C10)	44.1	20.0	50.0	ND	88.2	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130				
Matrix Spike Dup (2346023-MSD2)				Source:	E311089-0	03	Prepared: 1	1/14/23 Ana	lyzed: 11/16/23	
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	ND	90.3	70-130	2.41	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.8	70-130				

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Mizar 11 Fed Com 1 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/2023 5:04:09PM

Artesia NM, 88210		Project Manage	r: As	shley Gioven	go			1	1/17/2023 5:04:09PN		
	Nonha	Nonhalogenated Organics by EPA 8015D - 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 (2346044-BLK1)							Prepared: 1	1/15/23 An	alyzed: 11/15/23		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	49.5		50.0		99.0	50-200					
LCS (2346044-BS1)							Prepared: 1	1/15/23 An	alyzed: 11/15/23		
Diesel Range Organics (C10-C28)	235	25.0	250		94.1	38-132					
Surrogate: n-Nonane	50.0		50.0		99.9	50-200					
Matrix Spike (2346044-MS1)				Source:	E311089-	02	Prepared: 1	1/15/23 An	alyzed: 11/16/23		
Diesel Range Organics (C10-C28)	494	25.0	250	281	85.2	38-132					
Surrogate: n-Nonane	53.6		50.0		107	50-200					
Matrix Spike Dup (2346044-MSD1)				Source:	E311089-	02	Prepared: 1	1/15/23 An	alyzed: 11/16/23		
Diesel Range Organics (C10-C28)	485	25.0	250	281	81.8	38-132	1.71	20			
Surrogate: n-Nonane	53.7		50.0		107	50-200					

Devon Energy - Carlsbad		Project Name:		izar 11 Fed C 1058-0007	om 1				Reported:
6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		shley Gioveng	go				11/17/2023 5:04:09PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	4				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2346053-BLK1)							Prepared:	11/15/23	Analyzed: 11/15/23
Chloride	ND	20.0							
LCS (2346053-BS1)							Prepared:	11/15/23	Analyzed: 11/15/23
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2346053-MS1)				Source:	E311089-0)3	Prepared:	11/15/23	Analyzed: 11/15/23
Chloride	512	20.0	250	254	103	80-120			
Matrix Spike Dup (2346053-MSD1)				Source:	E311089-0)3	Prepared:	11/15/23	Analyzed: 11/15/23
Chloride	505	20.0	250	254	100	80-120	1.42	20	

QC Summary Report Comment:

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



Definitions and Notes

ſ	Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1	
1	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
1	Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/17/23 17:04

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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lient: [evon Energy				Bill To				Lal	b Us	e On	ly				TA	AT	EPA P	rogram
	Mizar 11 Fe				Attention: Dale Woodall			WO#			Job N	lum =8	ber -0057	1D	2D	3D	Standard	CWA	SDWA
	Manager: Asl : 3122 Natio			_	Address: 5315 Buena Vista D City, State, Zip Carlsbad, NM 88		E	3110	280				nd Metho	_			х		RCRA
	te, Zip Carls				Phone: (575)689-7597	5220	-	> 1			Anaiy	sis ar	na Metho	a T				-	RCRA
	575-988-005		00220		Email: Dale.woodall@dvn.com			30 b										State	
	giovengo@e		com	_	Email. Dale.woodaii@dvii.com			3/OF				0		5			NM CO		TX
	due by:	1100101111						NO/OR	8021	8260	010	300.0		Z	1	×	× ×	01 /12	1
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Lab Number		TPH GRO/DRO/ORO by 8015		VOC by 8	Metals 6010	Chloride		BGDOC		GDOC		Remarks	
949	11/8/2023	S	1		PH01-0'	1								х					
955	11/8/2023	S	1		PH01-1'	2								х					
1000	11/8/2023	S	1		PH01-2'	3								х					
1005	11/8/2023	S	1		PH01-3'	P								х					
1020	11/8/2023	S	1		PH02-0'	2								х					
1024	11/8/2023	S	1		PH02-1'	Le								х					
1030	11/8/2023	S	1		PH02-2'	7								х					
1038	11/8/2023	S	1		PH02-3'	8								х					
1130	11/8/2023	S	1		PH02-4'	g								х				do not te	
1055	11/8/2023	S	1		PH03-0'	10								х					
ddition	al Instructio	ns: CC a	giovengo(@ensolum.com, cl	ourton@ensolum.com, and rhaye	es@ensolum	.com												
	And the second		A Same and a second	of this sample. I am awa	ore that tampering with or intentionally misla on. <u>Sampled by:</u> Ronni Haye	and the second second	e locati	ion,									ceived on ice the day ess than 6 °C on subs		oled or
elinquish	ed by: (Signatur	re)	Date	Time	Received by: (Signature) Mucullu You L	Date 11-9-2	,)	Time [[12		Recei	ived	on ice:	400	ab Us	e On	ly		
Mic	ed by: (Signatur	in	Date	7-23 Time	Received by: (Signature)	Date	2.23	Time 16	3:30	-17	T1			T2	ر		<u>T3</u>		
elinquish	ed by: (Signatur	(e) 1	Date 1/-	9.23 Z400	Received by: (Signature)	Date 11/10		Time			AVG	Tem	p°C 4	4					
imple Ma	trix: S - Soil, Sd - S			ous, O - Other	0	Containe	Туре			_				er gl	ass, v	- VOA	1		
					ther arrangements are made. Hazardo														ha abaua



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Client: D	evon Energy					Bill To	_			La	ab U	se On	ly		91			TAT		EPA P	rogram
Project:	Mizar 11 Fe	d Com 1			A	ttention: Dale Woodall			WO#	ŧ		Job I	Num	ber		2D	30	S	tandard	CWA	SDWA
	Manager: Asl				1 1-	ddress: 5315 Buena Vista D		E	3110	080	_		_	F000					Х		
	: 3122 Natio				100	ity, State, Zip Carlsbad, NM 88	220					Analy	sis ar	nd Met	nod						RCRA
	te, Zip Carls		88220		<u>P</u>	hone: (575)689-7597			by by	1 7											
	575-988-005			-	E	mail: Dale.woodall@dvn.com			ORO											State	
	giovengo@e	nsolum.c	com					1	RO/	21	0		0.0		Z		×		NM CO	UT AZ	TX
Report o	lue by:								0/0	y 80.	8260	601	e 30						×		
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8023	VOC by	Metals 6010	Chloride 300.0		BGDOC		GDOC			Remarks	
1100	11/8/2023	S	1			PH03-1'	11								х						
1103	11/8/2023	S	1			PH03-2'	n								х						
1109	11/8/2023	S	1			PH03-3'	13								х						
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Addition	al Instructio	ns: CC a	giovengo(@ensolu	m.com, cbu	rton@ensolum.com, and rhaye	s@ensolum	.con	1								1	-	1		
A CONTRACTOR OF THE PARTY OF TH						that tampering with or intentionally mislal	3.00	e loca	tion,					5					d on ice the day an 6 °C on subs		led or
C. C. C. S. S. C. C. C. S. S.	of collection is o		Date	be grounds	Time		Date	_	Time		_	() TO ()				-h 1	laa O	ml.			
P	ed by: (Signatur					Received by: (Signature) Widelle Earl	119-3	13	11	15		Rece	ived	on ice		.ab U		inty			
wid		wh	Date	1-23	1730	Received by: (Signature)	Date 11-9	.23	Time	30		T1			<u>T2</u>		4.		<u>T3</u>		
Relinquish	ed by: (Signatur	(830	Date 11.	9.23	Time 2400	Received by: (Signature)	Date	ha	Time	700		AVG	Tem	ip °C	U						
Sample Mar	trix: S - Soil, Sd - S					1 Kanang	Containe	r Tyn		-		1000000			nher	lass	v - VC	24			
						ner arrangements are made. Hazardo													nrt for the a	nalysis of +	ne ahove
						ith this COC. The liability of the laborat									SHELL C	wheiis		ic ich	ortion the a	mary ara or ti	ic above



e client expense. The report for the analysis of the above

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Envirotech Analytical Laboratory

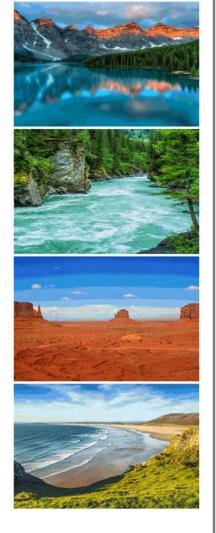
Sample Receipt Checklist (SRC)

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:	11/10/23	07:00	Work Order I	D: E311089	
Phone:	(505) 382-1211	Date Logged In:	11/10/23	10:34	Logged In By	: Raina Schwanz	
Email:	ashley.giovengo@wescominc.com	Due Date:	11/16/23	17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does tl	he sample ID match the COC?		Yes				
2. Does tl	he number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	-			
5. Were a	ll 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 disucssi			·	Comm	nents/Resolution	
	Furn Around Time (TAT) a COC indicate standard TAT, or Expedited TAT?		Yes		Sample PH02-4 is or	n hold per client to	not
Sample C					test until requested a	s noted on the CO	C in
_	sample cooler received?		Yes		remarks.		
8. If yes,	was cooler received in good condition?		Yes		Tomarks.		
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
	custody/security seals present?		No				
	, were custody/security seals intact?		NA				
-	the sample received on ice? If yes, the recorded temp is 4°C.	ie 6°+2°C	NA Yes				
	Note: Thermal preservation is not required, if samples arminutes of sampling	e received w/i 15					
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°	<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 contain	ners collected?	Yes				
Field Lal	<u>bel</u>						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	Date/Time Collected? Collectors name?		Yes Yes				
	Preservation		168				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
	filteration required and/or requested for dissolved n	netals?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multipha	se?	No				
	, does the COC specify which phase(s) is to be analy		NA				
		yzcu:	NA				
	act Laboratory	0	3.7				
	amples required to get sent to a subcontract laborato	-	No	~ .	27.		
29. Was a	a subcontract laboratory specified by the client and i	t so who?	NA	Subcontract Lab	o: NA		
Client II	<u>nstruction</u>						
1							
1							
						0	
Signat	ture of client authorizing changes to the COC or sample dis	position.			Date		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: Mizar 11 Fed Com 1H

Work Order: E312134

Job Number: 01058-0007

Received: 12/20/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/27/23

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: 12/27/23

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Mizar 11 Fed Com 1H

Workorder: E312134

Date Received: 12/20/2023 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/20/2023 8:30:00AM, under the Project Name: Mizar 11 Fed Com 1H.

The analytical test results summarized in this report with the Project Name: Mizar 11 Fed Com 1H 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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mgonzales@envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/27/23 14:55

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
PH01-5'	E312134-01A Soil	12/18/23	12/20/23	Glass Jar, 2 oz.
PH01-6'	E312134-02A Soil	12/18/23	12/20/23	Glass Jar, 2 oz.
PH02-5'	E312134-03A Soil	12/18/23	12/20/23	Glass Jar, 2 oz.
PH02-6'	E312134-04A Soil	12/18/23	12/20/23	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/27/2023 2:55:40PM

PH01-5' E312134-01

		E312134-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2351060
Benzene	ND	0.0250	1	12/20/23	12/23/23	
Ethylbenzene	ND	0.0250	1	12/20/23	12/23/23	
Toluene	ND	0.0250	1	12/20/23	12/23/23	
o-Xylene	ND	0.0250	1	12/20/23	12/23/23	
p,m-Xylene	ND	0.0500	1	12/20/23	12/23/23	
Total Xylenes	ND	0.0250	1	12/20/23	12/23/23	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	12/20/23	12/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: RKS		Batch: 2351060
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/23	12/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	12/20/23	12/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2351054
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		82.5 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2351070
Chloride	157	20.0	1	12/20/23	12/22/23	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/27/2023 2:55:40PM

PH02-5' E312134-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2351060
Benzene	ND	0.0250	1	12/20/23	12/23/23	
Ethylbenzene	ND	0.0250	1	12/20/23	12/23/23	
Toluene	ND	0.0250	1	12/20/23	12/23/23	
o-Xylene	ND	0.0250	1	12/20/23	12/23/23	
p,m-Xylene	ND	0.0500	1	12/20/23	12/23/23	
Total Xylenes	ND	0.0250	1	12/20/23	12/23/23	
Surrogate: 4-Bromochlorobenzene-PID		94.9 %	70-130	12/20/23	12/23/23	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: RKS		Batch: 2351060
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/20/23	12/23/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	12/20/23	12/23/23	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2351054
Diesel Range Organics (C10-C28)	ND	25.0	1	12/20/23	12/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/20/23	12/21/23	
Surrogate: n-Nonane		89.2 %	50-200	12/20/23	12/21/23	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2351070
Chloride	266	20.0	1	12/20/23	12/22/23	



		QC 50	A 1111111	ary Dat	a				
Devon Energy - Carlsbad Project 2 6488 7 Rivers Hwy Project 2				Mizar 11 Fed C 01058-0007	Com 1H				Reported:
Artesia NM, 88210	Project Manager:		A	Ashley Gioven			1	12/27/2023 2:55:40PM	
		Volatile O	rganics	by EPA 802	21B				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 (2351060-BLK1)							Prepared: 1	2/20/23 An	alyzed: 12/20/23
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	7.56		8.00		94.5	70-130			
LCS (2351060-BS1)							Prepared: 1	2/20/23 An	alyzed: 12/20/23
Benzene	4.81	0.0250	5.00		96.2	70-130			
Ethylbenzene	4.76	0.0250	5.00		95.3	70-130			
Toluene	4.81	0.0250	5.00		96.2	70-130			
o-Xylene	4.77	0.0250	5.00		95.5	70-130			
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130			
Total Xylenes	14.5	0.0250	15.0		96.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.52		8.00		94.0	70-130			
Matrix Spike (2351060-MS1)				Source:	E312131-	09	Prepared: 1	2/20/23 An	alyzed: 12/20/23
Benzene	4.96	0.0250	5.00	ND	99.1	54-133			
Ethylbenzene	4.91	0.0250	5.00	ND	98.3	61-133			
Toluene	4.97	0.0250	5.00	ND	99.3	61-130			
o-Xylene	4.93	0.0250	5.00	ND	98.5	63-131			
p,m-Xylene	10.0	0.0500	10.0	ND	100	63-131			
Total Xylenes	15.0	0.0250	15.0	ND	99.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			
Matrix Spike Dup (2351060-MSD1)				Source:	E312131-	09	Prepared: 1	2/20/23 An	alyzed: 12/20/23
Benzene	4.75	0.0250	5.00	ND	95.0	54-133	4.22	20	
Ethylbenzene	4.71	0.0250	5.00	ND	94.3	61-133	4.19	20	
Toluene	4.75	0.0250	5.00	ND	95.0	61-130	4.45	20	
o-Xylene	4.72	0.0250	5.00	ND	94.5	63-131	4.19	20	
p,m-Xylene Total Xylenes	9.62 14.3	0.0500 0.0250	10.0 15.0	ND ND	96.2 95.6	63-131 63-131	4.20 4.20	20 20	



70-130

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/27/2023 2:55:40PM

Artesia NM, 88210		Project Manage	r: As	hley Gioven	go				12/27/2023 2:55:40PM
	Nor	nhalogenated	Organics l	by EPA 80	15D - Gl	RO			Analyst: RKS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2351060-BLK1)							Prepared: 1	12/20/23	Analyzed: 12/20/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.34		8.00		91.7	70-130			
LCS (2351060-BS2)							Prepared: 1	12/20/23	Analyzed: 12/20/23
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0		90.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			
Matrix Spike (2351060-MS2)				Source:	E312131-	09	Prepared: 1	12/20/23	Analyzed: 12/20/23
Gasoline Range Organics (C6-C10)	47.4	20.0	50.0	ND	94.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130			
Matrix Spike Dup (2351060-MSD2)				Source:	E312131-	09	Prepared: 1	12/20/23	Analyzed: 12/20/23
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	ND	84.2	70-130	11.9	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.8	70-130			



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/27/2023 2:55:40PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				12/27/2023 2:55:40PM		
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KM											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2351054-BLK1)							Prepared:	12/20/23	Analyzed: 12/20/23		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	42.9		50.0		85.9	50-200					
LCS (2351054-BS1)							Prepared:	12/20/23	Analyzed: 12/20/23		
Diesel Range Organics (C10-C28)	255	25.0	250		102	38-132					
Surrogate: n-Nonane	43.4		50.0		86.8	50-200					
Matrix Spike (2351054-MS1)				Source:	E312118-0	03	Prepared:	12/20/23	Analyzed: 12/20/23		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132					
Surrogate: n-Nonane	44.0		50.0		88.0	50-200					
Matrix Spike Dup (2351054-MSD1)				Source:	E312118-0	03	Prepared:	12/20/23	Analyzed: 12/20/23		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132	1.02	20			
Surrogate: n-Nonane	43.8		50.0		87.6	50-200					

Chloride

Chloride

Matrix Spike Dup (2351070-MSD1)

M4

M4

Prepared: 12/20/23 Analyzed: 12/22/23

20

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		lizar 11 Fed C 1058-0007	om 1H				Reported:	
Artesia NM, 88210		Project Manager	: A	Ashley Giovengo				12	2/27/2023 2:55:40PM	
		Anions	by EPA 3	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 (2351070-BLK1)							Prepared: 1	2/20/23 Ana	alyzed: 12/22/23	
Chloride	ND	20.0								
LCS (2351070-BS1)							Prepared: 1	2/20/23 Ana	alyzed: 12/22/23	
Chloride	243	20.0	250		97.3	90-110				
Matrix Spike (2351070-MS1)				Source:	E312133-	03	Prepared: 1	2/20/23 Ana	alyzed: 12/22/23	

250

250

40.0

40.0

5410

5410

189

451

Source: E312133-03

80-120

80-120

10.6

5890

6540

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

Γ	Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/27/23 14:55

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.



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Bill To Mitac IN Ecol Com IH Manager: Ashley Giovengo E: 3122 National Parks Hwy Ite, Zip: Carlsbad NM, 88220 575-988-0055 agiovengo@ensolum.com due by: Date Sampled Matrix No. of Containers Sample ID 12/18/23 S N PHOI - 5 12/18/23 S N PHOI - 6	240	TPH GRO/DRO/ORO by Carlo	131	+	010	Numb	oer d Metho	1D	2D	3D	Standard	CWA	SDW
Manager: Ashley Giovengo 3122 National Parks Hwy te, Zip: Carlsbad NM, 88220 575-988-0055 agiovengo@ensolum.com due by: Date Sampled Matrix No. of Containers Sample ID 12/19/23 S 1 PHOI - 5	240 1 Lab				010	58	FOOD.						
Phone: (575) 748-1838 575-988-0055 agiovengo@ensolum.com due by: Date Sampled Matrix No. of Containers Sample ID 12/19/23 S 1 PHO 1 - 5	Lab				Analy	sis an	d Metho	d					
575-988-0055 agiovengo@ensolum.com due by: Date Sampled Matrix No. of Containers Sample ID 12/19/23 5 1 PHO 1 - 5	Lab	PH GRO/DRO/ORO by	8021						T				RCR.
agiovengo@ensolum.com due by: Date Sampled Matrix No. of Containers Sample ID 12/19/23 5 1 PHOI - 51	Lab	FPH GRO/DRO/ORO	8021						1 1				
Date Sampled Matrix No. of Containers Sample ID 12/19/23 S 1 PHOI - 51	1 1 1 1 1 1 1 1 1 1 1 1 1	FPH GRO/DRO/	8021									State	
Date Sampled Matrix No. of Containers Sample ID 12/19/23 S 1 PHOI - 51	1 1 1 1 1 1 1 1 1 1 1 1 1	FPH GRO/D	80	0	0	300.0		N		X	NM CO	UT AZ	TX
12/18/23 S 1 PHO 1 - 5 1	1 1 1 1 1 1 1 1 1 1 1 1 1	IPH GF	>	/ 826	601	le 30					X		
			BTEX by 8021	VOC by 8260	Metals 6010	Chloride		BGDOC		GDOC		Remarks	ģ
12/18/123 5 1 PHOI - 6'								X					
	2							X				+ 16 PHO	
12/18/23 S 1 PHOZ-5'	3							X					
12/18/23 5 1 PHOZ - 6'	4							V			over 100	10 PHO2-5	horis
al Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com	Dale.woodall	@dvn.co	m. ch	ami	ton(Denso	olum.co	m. eh	naft@	ensoli	ım.com		
ppler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mi	slabelling the samp			70.00	Sample	s requiri	ing thermal p	reservat	tion must	be receiv	ed on ice the day		oled or
	Haft, Chad Hamilton				receive	d packe	d in ice at an	1.00			than 6 °C on subs	equent days.	
ned by: (Signature) Date Time Received by: (Signature) 12/19/25 Mulle Courte	1219.		800)	Rece	ived	on ice:	-	b Use	Only			
ned by: (Signature) Date Date Time Received by: (Signature) LG 15 Chadley LV88:	200	7.23 Time	7α)	<u>T1</u>			T2			<u>T3</u>		
Date Time Received by: (Signature)	1220	23 Time	33	5	AVG	Tem	p°C	4					



e client expense. The report for the analysis of the above

envirotech

Printed: 12/20/2023 4:40:18PM

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:	12/20/23	08:30	Work Order ID	: E312134
Phone:	(505) 382-1211	Date Logged In:	12/19/23	14:33	Logged In By:	Jordan Montano
Email:	ashley.giovengo@wescominc.com	Due Date:	12/28/23	17:00 (4 day TAT)		
Chain of	Custody (COC)					
1. Does tl	he sample ID match the COC?		Yes			
2. Does th	he number of samples per sampling site location ma	tch the COC	Yes			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier	
4. Was th	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	- · · · · <u></u>	<u> </u>	
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in		Yes		Comm	ents/Resolution
~	i.e, 15 minute hold time, are not included in this disucssi	on.		Γ	Commo	ents/Resolution
	Furn Around Time (TAT) e COC indicate standard TAT, or Expedited TAT?		Yes		See COC remarks for	samples 2 and 4
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			
12. Was th	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		Yes			
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°	<u>C</u>			
Sample (<u>Container</u>					
14. Are a	queous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	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	ners collected?	Yes			
Field Lal	<u>bel</u>					
	field sample labels filled out with the minimum info	ormation:	*7			
	ample ID? Date/Time Collected?		Yes			
	Collectors name?		Yes Yes			
	Preservation		168			
	the COC or field labels indicate the samples were pr	reserved?	No			
	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved n	netals?	No			
	ase Sample Matrix		1.0			
-	the sample have more than one phase, i.e., multipha	go?	NI.			
	, does the COC specify which phase(s) is to be analy		No			
		yzcu:	NA			
	ract Laboratory					
	amples required to get sent to a subcontract laborato	-	No			
29. Was a	a subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	: NA	
Client I	<u>nstruction</u>					
1						
1						
_						_
						0
Signat	ture of client authorizing changes to the COC or sample dis	position.			Date	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: Mizar 11 Fed Com 1H

Work Order: E401120

Job Number: 01058-0007

Received: 1/20/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 1/26/24

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: 1/26/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Mizar 11 Fed Com 1H

Workorder: E401120

Date Received: 1/20/2024 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/20/2024 6:00:00AM, under the Project Name: Mizar 11 Fed Com 1H.

The analytical test results summarized in this report with the Project Name: Mizar 11 Fed Com 1H 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:	Mizar 11 Fed Com 1H	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/26/24 16:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS02-0.5'	E401120-01A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS03-0.5'	E401120-02A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS04-0.5'	E401120-03A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS05-0.5'	E401120-04A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS06-1'	E401120-05A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS07-0.5'	E401120-06A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS08-1'	E401120-07A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS09-0.5'	E401120-08A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS10-0.5'	E401120-09A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS11-1'	E401120-10A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS12-0.5'	E401120-11A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS13-0.5'	E401120-12A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS14-0.5'	E401120-13A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS15-0.5'	E401120-14A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS16-0.5'	E401120-15A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS17-0.5'	E401120-16A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS18-0.5'	E401120-17A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS19-0.5'	E401120-18A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
FS20-1'	E401120-19A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
SW01-0-1'	E401120-20A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
SW02-0-1'	E401120-21A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
PH04-1'	E401120-22A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
PH04-2'	E401120-23A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
PH04-3'	E401120-24A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
PH04-4'	E401120-25A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
PH04-5'	E401120-26A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
PH04-6'	E401120-27A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.
PH04-7'	E401120-28A	Soil	01/18/24	01/20/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS02-0.5' E401120-01

	L-101120 01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2404006
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0500	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
	103 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2404006
ND	20.0	1	01/22/24	01/23/24	
	89.8 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2404027
31.0	25.0	1	01/23/24	01/23/24	
ND	50.0	1	01/23/24	01/23/24	
	78.3 %	50-200	01/23/24	01/23/24	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2404014
2330	20.0	1	01/22/24	01/22/24	
	mg/kg ND Mg/kg ND mg/kg 31.0 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 20.0250 MD 20.0 89.8 % mg/kg mg/kg mg/kg 31.0 25.0 ND 50.0 78.3 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MB/kg mg/kg Analy MB/kg MB/kg Analy MB/kg MB/kg Analy MB/kg MB/kg Analy MB/kg MB/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0500 1 01/22/24 ND 0.0500 1 01/22/24 ND 0.0250 1 01/22/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 mg/kg mg/kg Analyst: KM 31.0 25.0 1 01/23/24 ND 50.0 1 01/23/24 ND 50.0 1 01/23/24 mg/kg mg/kg Analyst: KM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0500 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 MD 20.0 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: KM 31.0 25.0 1 01/23/24 01/23/24 ND 50.0 1 01/23/24 01/23/24 ND 50.0 1 01/23/24 01/23/24 ND 50.0 1 01/23/24 01/23/24 <td< td=""></td<>

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS03-0.5' E401120-02

	1.401120 02				
Result	Reporting Limit		Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2404006
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0500	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
	103 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Ana	lyst: BA		Batch: 2404006
ND	20.0	1	01/22/24	01/23/24	
	90.1 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2404027
25.0	25.0	1	01/23/24	01/23/24	
ND	50.0	1	01/23/24	01/23/24	
	79.4 %	50-200	01/23/24	01/23/24	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2404014
594	20.0	1	01/22/24	01/22/24	
	mg/kg ND Mg/kg ND mg/kg 25.0 ND	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 I03 % mg/kg Mg/kg mg/kg ND 20.0 90.1 % mg/kg mg/kg mg/kg ND 50.0 79.4 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana 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 MD 0.0250 1 Mg/kg mg/kg Ana ND 20.0 1 90.1 % 70-130 mg/kg mg/kg Ana 25.0 25.0 1 ND 50.0 1 79.4 % 50-200 mg/kg Mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg Analyst: BA ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0500 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 mg/kg mg/kg Analyst: KM 25.0 25.0 1 01/23/24 ND 50.0 1 01/23/24 ND 50.0 1 01/23/24 ND 50.0 1 01/23/24 Mg/kg mg/kg Analyst: KM	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0500 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: KM 25.0 25.0 1 01/23/24 01/23/24 ND 50.0 1 01/23/24

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS04-0.5' E401120-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2404006
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		108 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2404006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2404027
Diesel Range Organics (C10-C28)	376	25.0	1	01/23/24	01/23/24	
Oil Range Organics (C28-C36)	212	50.0	1	01/23/24	01/23/24	
Surrogate: n-Nonane		84.3 %	50-200	01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2404014
Chloride	2560	40.0	2	01/22/24	01/23/24	

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS05-0.5' E401120-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2404006
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2404006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.9 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2404027
Diesel Range Organics (C10-C28)	232	25.0	1	01/23/24	01/23/24	
Oil Range Organics (C28-C36)	130	50.0	1	01/23/24	01/23/24	
Surrogate: n-Nonane		80.3 %	50-200	01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2404014
Chloride	717	20.0	1	01/22/24	01/22/24	

Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS06-1'

		E401120-05					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	BA		Batch: 2404006
Benzene	ND	0.0250		1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250		1	01/22/24	01/23/24	
Toluene	ND	0.0250		1	01/22/24	01/23/24	
o-Xylene	ND	0.0250		1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500		1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250		1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130		01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2404006
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130		01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2404027
Diesel Range Organics (C10-C28)	43.0	25.0		1	01/23/24	01/23/24	
Oil Range Organics (C28-C36)	ND	50.0		1	01/23/24	01/23/24	
Surrogate: n-Nonane		79.0 %	50-200		01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	IY		Batch: 2404014

40.0

2930

2

01/22/24

01/22/24



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS07-0.5' E401120-06

	E-101120 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2404006
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0500	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
	101 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2404006
ND	20.0	1	01/22/24	01/23/24	
	90.0 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Anal	lyst: KM		Batch: 2404027
131	25.0	1	01/23/24	01/23/24	
113	50.0	1	01/23/24	01/23/24	
	81.1 %	50-200	01/23/24	01/23/24	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2404014
2490	40.0	2	01/22/24	01/22/24	
	mg/kg ND ND ND ND ND ND ND ND 113 mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 MD 0.0250 MB/kg mg/kg MB/kg mg/kg 131 25.0 113 50.0 81.1 % 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 Mg/kg mg/kg Anal ND 20.0 1 90.0 % 70-130 mg/kg mg/kg mg/kg Anal 131 25.0 1 113 50.0 1 81.1 % 50-200 mg/kg mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Manalyst: BA ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0500 1 01/22/24 ND 0.0250 1 01/22/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 mg/kg mg/kg Analyst: KM 131 25.0 1 01/23/24 mg/kg mg/kg Analyst: KM 131 25.0 1 01/23/24 113 50.0 1 01/23/24 mg/kg mg/kg Analyst: KM	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0500 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 MD 20.0 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: KM 131 25.0 1 01/23/24 01/23/24 132 25.0 1 01/23/24 01/23/24

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS08-1'

E401120-07

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		yst: BA		Batch: 2404006
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2404006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.0 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2404027
Diesel Range Organics (C10-C28)	186	25.0	1	01/23/24	01/23/24	
Oil Range Organics (C28-C36)	191	50.0	1	01/23/24	01/23/24	
Surrogate: n-Nonane		80.2 %	50-200	01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2404014
Chloride	4870	40.0	2	01/22/24	01/22/24	-



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS09-0.5' E401120-08

		E-101120-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2404006
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2404006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.1 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2404027
Diesel Range Organics (C10-C28)	385	25.0	1	01/23/24	01/23/24	
Oil Range Organics (C28-C36)	483	50.0	1	01/23/24	01/23/24	
Surrogate: n-Nonane		83.3 %	50-200	01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2404014
Chloride	2200	40.0	2	01/22/24	01/22/24	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS10-0.5' E401120-09

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analyst: BA			Batch: 2404006
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0500	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
	100 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Analy	yst: BA		Batch: 2404006
ND	20.0	1	01/22/24	01/23/24	
	88.9 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2404027
122	25.0	1	01/23/24	01/23/24	
228	50.0	1	01/23/24	01/23/24	
	85.2 %	50-200	01/23/24	01/23/24	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2404014
2040	40.0	2	01/22/24	01/23/24	
	mg/kg ND ND ND ND ND ND ND ND The state of t	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 MB/kg mg/kg MB/kg mg/kg MB/kg mg/kg MB/kg mg/kg MB/kg mg/kg MB/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analy 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 70-130 mg/kg mg/kg Analy ND 20.0 1 88.9 % 70-130 mg/kg mg/kg Analy 122 25.0 1 228 50.0 1 85.2 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0500 1 01/22/24 ND 0.0500 1 01/22/24 ND 0.0250 1 01/22/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 mg/kg mg/kg Analyst: KM 122 25.0 1 01/23/24 228 50.0 1 01/23/24 85.2 % 50-200 01/23/24 mg/kg Mg/kg Analyst: IY	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0500 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 Mg/kg mg/kg Analyst: BA 01/23/24 01/23/24 mg/kg mg/kg Analyst: KM 01/23/24 01/23/24 122 25.0 1 01/23/24 01/23/24 85.2 % 50.0 1 01/23/24 01/23/24 mg/kg mg/kg Analyst: KM 01/23/24 01/23/24



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS11-1'

		E401120-10					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2404006	
Benzene	ND	0.0250	1	01/22/24	01/23/24		
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24		
Toluene	ND	0.0250	1	01/22/24	01/23/24		
o-Xylene	ND	0.0250	1	01/22/24	01/23/24		
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24		
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24		
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	01/22/24	01/23/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2404006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.5 %	70-130	01/22/24	01/23/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2404027	
Diesel Range Organics (C10-C28)	301	25.0	1	01/23/24	01/23/24		
Oil Range Organics (C28-C36)	240	50.0	1	01/23/24	01/23/24		
Surrogate: n-Nonane		79.7 %	50-200	01/23/24	01/23/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2404014	
Chloride	2750	40.0	2	01/22/24	01/23/24		



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS12-0.5' E401120-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: BA		yst: BA		Batch: 2404006	
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		102 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2404006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.9 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2404027
Diesel Range Organics (C10-C28)	150	25.0	1	01/23/24	01/24/24	
Oil Range Organics (C28-C36)	114	50.0	1	01/23/24	01/24/24	
Surrogate: n-Nonane		80.3 %	50-200	01/23/24	01/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2404014
Chloride	1120	20.0	1	01/22/24	01/23/24	

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS13-0.5' E401120-12

	2.01120 12				
Result	Reporting Limit		n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2404006
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0500	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
	101 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Analyst: BA			Batch: 2404006
ND	20.0	1	01/22/24	01/23/24	
	89.9 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Analyst: KM			Batch: 2404027
ND	25.0	1	01/23/24	01/24/24	
ND	50.0	1	01/23/24	01/24/24	
	81.0 %	50-200	01/23/24	01/24/24	
mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2404014
1250	40.0	2	01/22/24	01/23/24	
	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 ND 0.0250 MD 20.0250 MD 20.0 89.9 % mg/kg MD 25.0 ND 50.0 81.0 % 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 MD 0.0250 1 MD 20.0250 1 ND 20.0 1 89.9 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 81.0 % 50-200 mg/kg Mg/kg Ana	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0500 1 01/22/24 ND 0.0250 1 01/22/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 mg/kg mg/kg Analyst: KM ND 25.0 1 01/23/24 ND 25.0 1 01/23/24 ND 50.0 1 01/23/24 ND 50.0 1 01/23/24 Mg/kg mg/kg Analyst: KM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0500 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 Mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 Mg/kg mg/kg Analyst: KM ND 25.0 1 01/23/24 01/24/24 ND 50.0 1 01/23/24 01/24/24 ND 50.0 1 01/23/24 01/24/24 ND 50.0 <

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS14-0.5' E401120-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg mg/kg Analyst: BA		yst: BA		Batch: 2404006	
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		101 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2404006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM			Batch: 2404027
Diesel Range Organics (C10-C28)	95.6	25.0	1	01/23/24	01/24/24	
Oil Range Organics (C28-C36)	83.8	50.0	1	01/23/24	01/24/24	
Surrogate: n-Nonane		78.9 %	50-200	01/23/24	01/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2404014
Chloride	1710	20.0	1	01/22/24	01/23/24	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS15-0.5' E401120-14

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2404006
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0500	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
	100 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Anal	lyst: BA		Batch: 2404006
ND	20.0	1	01/22/24	01/23/24	
	91.3 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Anal	lyst: KM		Batch: 2404027
ND	25.0	1	01/23/24	01/24/24	
ND	50.0	1	01/23/24	01/24/24	
	78.4 %	50-200	01/23/24	01/24/24	
mg/kg	mg/kg	Anal	lyst: IY		Batch: 2404014
1010	20.0	1	01/22/24	01/23/24	
	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 IOO % mg/kg mg/kg mg/kg ND 20.0 91.3 % mg/kg ND 25.0 ND 50.0 78.4 % 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 70-130 1 mg/kg mg/kg Anal ND 20.0 1 gl.3 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 78.4 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0500 1 01/22/24 ND 0.0250 1 01/22/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 mg/kg mg/kg Analyst: KM ND 25.0 1 01/23/24 ND 25.0 1 01/23/24 ND 50.0 1 01/23/24 ND 50.0 1 01/23/24 Mg/kg mg/kg Analyst: KM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0500 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: KM ND 25.0 1 01/23/24 01/24/24 ND 50.0 1 01/23/24 01/24/24 ND 50.0 1 01/23/24 01/24/24 ND 50.0 <

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS16-0.5' E401120-15

	L+01120 13				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2404006
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0500	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
	101 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2404006
ND	20.0	1	01/22/24	01/23/24	
	89.8 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2404027
67.0	25.0	1	01/23/24	01/24/24	
66.0	50.0	1	01/23/24	01/24/24	
	80.1 %	50-200	01/23/24	01/24/24	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2404014
1730	20.0	1	01/22/24	01/23/24	
	mg/kg ND ND ND ND ND ND ND ND Mg/kg Office of the state o	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 I01 % mg/kg mg/kg mg/kg ND 20.0 89.8 % mg/kg 66.0 50.0 80.1 % 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 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 89.8 % 70-130 mg/kg mg/kg Anal 67.0 25.0 1 80.1 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Manalyst: BA ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0500 1 01/22/24 ND 0.0250 1 01/22/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 mg/kg mg/kg Analyst: KM 67.0 25.0 1 01/23/24 66.0 50.0 1 01/23/24 80.1 % 50-200 01/23/24 mg/kg mg/kg Analyst: IY	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0500 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 Mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 Mg/kg mg/kg Analyst: KM 67.0 25.0 1 01/23/24 01/24/24 66.0 50.0 1 01/23/24 01/24/24 mg/kg mg/kg Analyst: IY 01/24/24

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS17-0.5' E401120-16

		E401120-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2404006
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2404006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.6 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: KM		Batch: 2404027
Diesel Range Organics (C10-C28)	39.7	25.0	1	01/23/24	01/24/24	
Oil Range Organics (C28-C36)	82.7	50.0	1	01/23/24	01/24/24	
Surrogate: n-Nonane		82.4 %	50-200	01/23/24	01/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: IY		Batch: 2404014
Chloride	1340	20.0	1	01/22/24	01/23/24	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS18-0.5' E401120-17

		E401120-17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<u> </u>					,	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: BA		Batch: 2404006
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2404006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2404027
Diesel Range Organics (C10-C28)	26.8	25.0	1	01/23/24	01/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/24	01/24/24	
Surrogate: n-Nonane		80.3 %	50-200	01/23/24	01/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2404014
Chloride	1060	20.0	1	01/22/24	01/23/24	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS19-0.5' E401120-18

E401120-10							
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes	
Tillalyte	Result	Liiiit	Dittion	Trepared	Maryzea	110103	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2404006	
Benzene	ND	0.0250	1	01/22/24	01/23/24		
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24		
Toluene	ND	0.0250	1	01/22/24	01/23/24		
o-Xylene	ND	0.0250	1	01/22/24	01/23/24		
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24		
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24		
Surrogate: 4-Bromochlorobenzene-PID		98.3 %	70-130	01/22/24	01/23/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2404006	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.2 %	70-130	01/22/24	01/23/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2404027	
Diesel Range Organics (C10-C28)	258	25.0	1	01/23/24	01/24/24		
Oil Range Organics (C28-C36)	459	50.0	1	01/23/24	01/24/24		
Surrogate: n-Nonane		80.3 %	50-200	01/23/24	01/24/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: IY		Batch: 2404014	
Chloride	509	20.0	1	01/22/24	01/23/24	·	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

FS20-1'

E401120-19

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	nlyst: BA		Batch: 2404006
Benzene	ND	0.0250	1	01/22/24	01/24/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/24/24	
Toluene	ND	0.0250	1	01/22/24	01/24/24	
o-Xylene	ND	0.0250	1	01/22/24	01/24/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/24/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/24/24	
Surrogate: 4-Bromochlorobenzene-PID		99.3 %	70-130	01/22/24	01/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: BA		Batch: 2404006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	01/22/24	01/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: KM		Batch: 2404027
Diesel Range Organics (C10-C28)	61.8	25.0	1	01/23/24	01/24/24	
Oil Range Organics (C28-C36)	50.5	50.0	1	01/23/24	01/24/24	
Surrogate: n-Nonane		80.2 %	50-200	01/23/24	01/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2404014
	1890	20.0		01/22/24	01/23/24	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

SW01-0-1'

		E401120-20				
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2404006
Benzene	ND	0.0250	1	01/22/24	01/24/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/24/24	
Toluene	ND	0.0250	1	01/22/24	01/24/24	
o-Xylene	ND	0.0250	1	01/22/24	01/24/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/24/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/24/24	
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	01/22/24	01/24/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2404006
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/24/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	01/22/24	01/24/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2404027
Diesel Range Organics (C10-C28)	27.8	25.0	1	01/23/24	01/24/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/24	01/24/24	
Surrogate: n-Nonane		83.5 %	50-200	01/23/24	01/24/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2404014
Chloride	398	20.0	1	01/22/24	01/23/24	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

SW02-0-1'

		E401120-21					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2404005	
Benzene	ND	0.0250	1	01/22/24	01/22/24		
Ethylbenzene	0.0265	0.0250	1	01/22/24	01/22/24		
Toluene	ND	0.0250	1	01/22/24	01/22/24		
o-Xylene	0.0273	0.0250	1	01/22/24	01/22/24		
p,m-Xylene	ND	0.0500	1	01/22/24	01/22/24		
Total Xylenes	0.0273	0.0250	1	01/22/24	01/22/24		
Surrogate: 4-Bromochlorobenzene-PID		103 %	70-130	01/22/24	01/22/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2404005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/22/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	01/22/24	01/22/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2404018	
Diesel Range Organics (C10-C28)	1160	25.0	1	01/23/24	01/23/24		
Oil Range Organics (C28-C36)	520	50.0	1	01/23/24	01/23/24		
Surrogate: n-Nonane		104 %	50-200	01/23/24	01/23/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: IY		Batch: 2404017	
Chloride	6920	100	5	01/22/24	01/22/24	·	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

PH04-1'

		E401120-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2404005
Benzene	ND	0.0250	1	01/22/24	01/22/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/22/24	
Toluene	ND	0.0250	1	01/22/24	01/22/24	
o-Xylene	ND	0.0250	1	01/22/24	01/22/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/22/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/22/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2404005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2404018
Diesel Range Organics (C10-C28)	113	25.0	1	01/23/24	01/23/24	
Oil Range Organics (C28-C36)	77.1	50.0	1	01/23/24	01/23/24	
Surrogate: n-Nonane		108 %	50-200	01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2404017
Chloride	3520	40.0	2	01/22/24	01/22/24	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

PH04-2'

E401120-23

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: BA		Batch: 2404005
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0500	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
	94.8 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Anal	yst: BA		Batch: 2404005
ND	20.0	1	01/22/24	01/23/24	
	91.0 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2404018
55.4	25.0	1	01/23/24	01/23/24	
ND	50.0	1	01/23/24	01/23/24	
	104 %	50-200	01/23/24	01/23/24	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2404017
mg/kg	mg ng		,		
	mg/kg ND	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 94.8 % mg/kg MD 20.0 91.0 % mg/kg mg/kg mg/kg 55.4 25.0 ND 50.0 104 %	Result Limit Dilution 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 0.0250 1 Mg/kg mg/kg Anal ND 20.0 1 91.0 % 70-130 mg/kg mg/kg Anal 55.4 25.0 1 ND 50.0 1 104 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0500 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 mg/kg mg/kg Analyst: KM 55.4 25.0 1 01/23/24 ND 50.0 1 01/23/24 104 % 50-200 01/23/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0500 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 MD 20.0 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA mg/kg mg/kg Analyst: KM 55.4 25.0 1 01/23/24 01/23/24 ND 50.0 1 01/23/24 01/23/24 ND 50.0 1 01/23/24 01/23/24

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

PH04-3'

		E401120-24					
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2404005	
Benzene	ND	0.0250	1	01/22/24	01/23/24		
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24		
Toluene	ND	0.0250	1	01/22/24	01/23/24		
o-Xylene	ND	0.0250	1	01/22/24	01/23/24		
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24		
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24		
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	01/22/24	01/23/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2404005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	01/22/24	01/23/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2404018	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/24	01/23/24		
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/24	01/23/24		
Surrogate: n-Nonane		106 %	50-200	01/23/24	01/23/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2404017	
Chloride	841	20.0	1	01/22/24	01/22/24		



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

PH04-4'

E401120-25							
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2404005	
Benzene	ND	0.0250	1	01/22/24	01/23/24		
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24		
Toluene	ND	0.0250	1	01/22/24	01/23/24		
o-Xylene	ND	0.0250	1	01/22/24	01/23/24		
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24		
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24		
Surrogate: 4-Bromochlorobenzene-PID		92.5 %	70-130	01/22/24	01/23/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2404005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	01/22/24	01/23/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2404018	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/24	01/23/24		
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/24	01/23/24		
Surrogate: n-Nonane		105 %	50-200	01/23/24	01/23/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2404017	
Chloride	702	20.0	1	01/22/24	01/22/24		



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

PH04-5' E401120-26

	E-101120-20				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: BA		Batch: 2404005
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
ND	0.0500	1	01/22/24	01/23/24	
ND	0.0250	1	01/22/24	01/23/24	
	94.1 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Analy	yst: BA		Batch: 2404005
ND	20.0	1	01/22/24	01/23/24	
	92.9 %	70-130	01/22/24	01/23/24	
mg/kg	mg/kg	Analy	yst: KM		Batch: 2404018
ND	25.0	1	01/23/24	01/23/24	
ND	50.0	1	01/23/24	01/23/24	
	112 %	50-200	01/23/24	01/23/24	
_			. 137		D . 1 2404017
mg/kg	mg/kg	Analy	yst: IY		Batch: 2404017
	mg/kg ND	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 94.1 % mg/kg MD 20.0 92.9 % mg/kg ND 25.0 ND 50.0 112 %	mg/kg mg/kg Analy 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 Analy ND 20.0 1 Mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 112 % 50-200	Reporting Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0250 1 01/22/24 ND 0.0500 1 01/22/24 ND 0.0250 1 01/22/24 MD 0.0250 1 01/22/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 mg/kg mg/kg Analyst: KM ND 25.0 1 01/23/24 ND 50.0 1 01/23/24 ND 50.0 1 01/23/24	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0500 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 ND 0.0250 1 01/22/24 01/23/24 MD 0.0250 1 01/22/24 01/23/24 mg/kg mg/kg Analyst: BA ND 20.0 1 01/22/24 01/23/24 Mg/kg mg/kg Analyst: KM ND 25.0 1 01/23/24 01/23/24 ND 50.0 1 01/23/24 01/23/24 ND 50.0 1 01/23/24 01/23/24



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

PH04-6'

		E401120-27				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2404005
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		92.8 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2404005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2404018
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/24	01/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/24	01/23/24	
Surrogate: n-Nonane		106 %	50-200	01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2404017
Chloride	1240	20.0	1	01/22/24	01/22/24	



Chloride

Sample Data

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

PH04-7'

E401120-28 Reporting Ilt Limit Dilution Prepared Analyzed Notes

01/22/24

01/22/24

Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2404005
Benzene	ND	0.0250	1	01/22/24	01/22/24	_
Ethylbenzene	ND	0.0250	1	01/22/24	01/22/24	
Toluene	ND	0.0250	1	01/22/24	01/22/24	
o-Xylene	ND	0.0250	1	01/22/24	01/22/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/22/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/22/24	
Surrogate: 4-Bromochlorobenzene-PID		96.4 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2404005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	01/22/24	01/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2404018
Diesel Range Organics (C10-C28)	ND	25.0	1	01/23/24	01/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/23/24	01/23/24	
Surrogate: n-Nonane		104 %	50-200	01/23/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2404017

20.0

881



Devon Energy - Carlsbad Mizar 11 Fed Com 1H Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 1/26/2024 4:56:53PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2404005-BLK1) Prepared: 01/22/24 Analyzed: 01/22/24 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: 4-Bromochlorobenzene-PID 7.71 8.00 96.4 70-130 LCS (2404005-BS1) Prepared: 01/22/24 Analyzed: 01/22/24 4.82 96.4 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.64 0.0250 5.00 92.7 70-130 4.82 0.0250 5.00 96.4 70-130 Toluene 4.78 95.7 o-Xylene 0.0250 5.00 70-130 9.59 10.0 95.9 70-130 0.0500 p.m-Xvlene 95.9 14.4 15.0 70-130 Total Xylenes 0.0250 8.00 96.6 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.73 Matrix Spike (2404005-MS1) Source: E401120-28 Prepared: 01/22/24 Analyzed: 01/22/24 5.00 0.0250 5.00 ND 54-133 Benzene ND 61-133 Ethylbenzene 4.81 0.0250 5.00 96.2 Toluene 5.00 0.0250 5.00 ND 99.9 61-130 ND 99.1 63-131 4.96 5.00 0.0250 o-Xylene p,m-Xylene 9.94 0.0500 10.0 ND 99.4 63-131 14.9 0.0250 15.0 ND 63-131 Total Xylenes 7.77 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.00 Matrix Spike Dup (2404005-MSD1) Source: E401120-28 Prepared: 01/22/24 Analyzed: 01/22/24 5.12 0.0250 5.00 ND 102 54-133 2.38 61-133 2.43 4.93 0.0250 5.00 ND 98.5 20 Ethylbenzene 61-130 Toluene 5.12 0.0250 5.00 ND 102 2 42 20 5.07 5.00 ND 101 63-131 2.29 20 o-Xylene 0.0250

10.0

15.0

8.00

0.0500

0.0250

ND

ND

102

102

96.7

63-131

63-131

70-130



2.50

2.43

20

20

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

10.2

15.3

7.74

Mizar 11 Fed Com 1H Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 1/26/2024 4:56:53PM **Volatile Organics by EPA 8021B** Analyst: BA Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2404006-BLK1) Prepared: 01/22/24 Analyzed: 01/23/24 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: 4-Bromochlorobenzene-PID 7.57 8.00 94.6 70-130 LCS (2404006-BS1) Prepared: 01/22/24 Analyzed: 01/23/24 5.31 106 70-130 5.00 Benzene 0.0250 Ethylbenzene 5.11 0.0250 5.00 102 70-130 5.32 0.0250 5.00 106 70-130 Toluene 5.25 o-Xylene 0.0250 5.00 105 70-130 10.6 10.0 70-130 0.0500 p.m-Xvlene 106 70-130 15.8 15.0 Total Xylenes 0.0250 8.00 97.7 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.82 Matrix Spike (2404006-MS1) Source: E401120-10 Prepared: 01/22/24 Analyzed: 01/24/24 4.94 0.0250 5.00 ND 54-133 Benzene 61-133 Ethylbenzene 4.79 0.0250 5.00 ND 95.9 Toluene 4.96 0.0250 5.00 ND 99.1 61-130 ND 97.9 63-131 4.90 5.00 0.0250 o-Xylene p,m-Xylene 9.91 0.0500 10.0 ND 99.1 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.06 8.00 Matrix Spike Dup (2404006-MSD1) Source: E401120-10 Prepared: 01/22/24 Analyzed: 01/24/24 5.14 0.0250 5.00 ND 54-133 3.97 61-133 3.80 4.98 0.0250 5.00 ND 99.6 20 Ethylbenzene 61-130 Toluene 5.15 0.0250 5.00 ND 103 3 84 20

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

102

103

103

101

63-131

63-131

63-131

70-130

3.88

3.74

3.78

20

20

20

5.09

10.3

15.4

8.09



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

Artesia NM, 88210		Project Manage		hley Gioveng	go				1/26/2024 4:56:53PM	
	Non	Nonhalogenated Organics by EPA 8015D - GRO						Analyst: BA		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2404005-BLK1)							Prepared: 0	1/22/24 Aı	nalyzed: 01/22/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.8	70-130				
LCS (2404005-BS2)							Prepared: 0	1/22/24 Aı	nalyzed: 01/22/24	
Gasoline Range Organics (C6-C10)	44.5	20.0	50.0		88.9	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130				
Matrix Spike (2404005-MS2)				Source:	E401120-	28	Prepared: 0	1/22/24 Aı	nalyzed: 01/22/24	
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130				
Matrix Spike Dup (2404005-MSD2)				Source:	E401120-	28	Prepared: 0	1/22/24 Aı	nalyzed: 01/22/24	
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0	ND	102	70-130	8.72	20		

8.00

7.37

92.1

70-130

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go			1/	26/2024 4:56:53PN
	Nonhalogenated Organics by EPA 8015D - GRO								Analyst: BA
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2404006-BLK1)							Prepared: 0	1/22/24 Ana	lyzed: 01/23/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			
LCS (2404006-BS2)							Prepared: 0	1/22/24 Ana	lyzed: 01/23/24
Gasoline Range Organics (C6-C10)	36.6	20.0	50.0		73.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			
Matrix Spike (2404006-MS2)				Source:	E401120-1	10	Prepared: 0	1/22/24 Ana	lyzed: 01/24/24
Gasoline Range Organics (C6-C10)	48.3	20.0	50.0	ND	96.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			
Matrix Spike Dup (2404006-MSD2)				Source:	E401120-1	10	Prepared: 0	1/22/24 Ana	lyzed: 01/24/24
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0	ND	82.3	70-130	16.1	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			1	/26/2024 4:56:53PN
	Nonha	logenated Or		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 (2404018-BLK1)							Prepared: 0	1/23/24 An	alyzed: 01/23/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.6		50.0		107	50-200			
LCS (2404018-BS1)							Prepared: 0	1/23/24 An	alyzed: 01/23/24
Diesel Range Organics (C10-C28)	191	25.0	250		76.6	38-132			
Surrogate: n-Nonane	53.1		50.0		106	50-200			
Matrix Spike (2404018-MS1)				Source:	E401120-2	24	Prepared: 0	1/23/24 An	alyzed: 01/23/24
Diesel Range Organics (C10-C28)	223	25.0	250	ND	89.0	38-132			
Surrogate: n-Nonane	53.6		50.0		107	50-200			
Matrix Spike Dup (2404018-MSD1)				Source:	E401120-2	24	Prepared: 0	1/23/24 An	alyzed: 01/23/24
Diesel Range Organics (C10-C28)	228	25.0	250	ND	91.0	38-132	2.19	20	
Surrogate: n-Nonane	53.7		50.0		107	50-200			

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go				1/26/2024 4:56:53PN
	Nonha	logenated Or	ganics by l	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 (2404027-BLK1)							Prepared: 0	1/23/24 A	nalyzed: 01/23/24
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	40.8		50.0		81.6	50-200			
CS (2404027-BS1)							Prepared: 0	1/23/24 A	nalyzed: 01/23/24
iesel Range Organics (C10-C28)	174	25.0	250		69.4	38-132			
urrogate: n-Nonane	40.2		50.0		80.5	50-200			
Aatrix Spike (2404027-MS1)				Source:	E401120-1	12	Prepared: 0	1/23/24 A	nalyzed: 01/23/24
iesel Range Organics (C10-C28)	203	25.0	250	ND	81.1	38-132			
urrogate: n-Nonane	38.2		50.0		76.3	50-200			
Matrix Spike Dup (2404027-MSD1)				Source:	E401120-1	12	Prepared: 0	1/23/24 A	nalyzed: 01/23/24
iesel Range Organics (C10-C28)	232	25.0	250	ND	92.8	38-132	13.4	20	
urrogate: n-Nonane	38.0		50.0		76.0	50-200			

Chloride

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/26/2024 4:56:53PM

Artesia NM, 88210		Project Manager	r: As	shley Gioveng	go				1/26/2024 4:56:53PM
		Anions	by EPA 3	00.0/9056	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 (2404014-BLK1)							Prepared: 0	1/22/24 A	analyzed: 01/22/24
Chloride	ND	20.0							
LCS (2404014-BS1)							Prepared: 0	1/22/24 A	analyzed: 01/22/24
Chloride	250	20.0	250		99.9	90-110			
Matrix Spike (2404014-MS1)				Source:	E401120-0	03	Prepared: 0	1/22/24 A	analyzed: 01/23/24
Chloride	2950	40.0	250	2560	157	80-120			M4
Matrix Spike Dup (2404014-MSD1)				Source:	E401120-0	03	Prepared: 0	1/22/24 A	analyzed: 01/23/24

250

40.0

2560

124

80-120

2.77

20

2870



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	ojject Number: 01058-0007					Reported: 1/26/2024 4:56:5.			
<u>'</u>		Anions	by EPA	300.0/9056	A				Analyst: IY		
Analyte	Result	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit	Notes		
Blank (2404017-BLK1)							Prepared: 0	1/22/24 A	nalyzed: 01/22/24		
Chloride LCS (2404017-BS1)	ND	20.0					Prepared: 0	1/22/24 A	nalyzed: 01/22/24		
Chloride	248	20.0	250		99.1	90-110					
Matrix Spike (2404017-MS1)				Source:	E401123-0)2	Prepared: 0	1/22/24 A	nalyzed: 01/22/24		
Chloride	753	20.0	250	475	111	80-120					
Matrix Snike Dun (2404017-MSD1)				Source	E401123-0	12	Prepared: 0	1/22/24 A	nalvzed: 01/22/24		

250

20.0

80-120

0.936

108

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:	Mizar 11 Fed Com 1H	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/26/24 16:56

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client: I	Devon Energ	y			Bill To				Lab	Us	Use Only TAT EF				EPA Pr	ogram		
	Mizar 11 Fed		1		Attention: Dale Woodall		Lab	WO#			Job N	lumber	1D	2D	3D	Standard	CWA	SDWA
Project I	Manager: As	hley Giov	engo		Address: 205 E Bender Rd #1	150	E	101	120)	GIOE	58-0007				X		
Address	: 3122 Natio	nal Parks	Hwy		City, State, Zip: Hobbs NM, 8	88240						is and Metho						RCRA
City, Sta	te, Zip: Carls	sbad NM,	88220		Phone: (575)748-1838			by										
Phone:	575-988-005	5			Email: Dale.woodall@dvn.co	om		ORO									State	
Email: a	giovengo@e	ensolum.c	om					RO/(z	0		300.0	Σ	NM CO UT AZ			TX	
Report o	due by:							0/0	805	826	6010	30				×		
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	BGDOC		GDOC		Remarks	
11:35	1/18/2024	Soil	1		FS02 - 0.5'	1							Х					
11:37	1/18/2024	Soil	1		FS03 - 0.5'	2							Х					
11:40	1/18/2024	Soil	1		FS04 - 0.5'	3							х					
11:38	1/18/2024	Soil	1		FS05 - 0.5'	4							Х					
10:27	1/18/2024	Soil	1		FS06 - 1'	5							х					
11:42	1/18/2024	Soil	1		FS07 - 0.5'	6							Х					
8:59	1/18/2024	Soil	1		FS08 - 1'	7							х					
11:43	1/18/2024	Soil	1		FS09 - 0.5'	8							Х					
10:07	1/18/2024	Soil	1		FS10 - 0.5'	9							х					
8:52	1/18/2024	Soil	1		FS11 - 1'	10							х					
Addition	al Instructio	ns: Plea	se CC: cb	ourton@ensol	um.com, agiovengo@ensolum.co	m, dale.woodall	@dv	n.con	n, cha	mil	ton@	ensolum.co	m, e	haft@	enso	olum.com - K	EPT ON IC	E
to rest may mare	· Desires de l'estate de l'écolo			y of this sample. I	am aware that tampering with or intentionally gal action. Sampled by: E+h	The state of the s	le loca	ition,			777					ceived on ice the day ess than 6 °C on subs		led or
	ed by: (Signatur		Date	Time		Date 1-19-0	14	Time	סנק		Rece	ved on ice:		ab U	se On	ly		
Relinquish	ed by: (Signatur	re) unili	Date	Time		Date -/Q.	24	Time	30		T1		T2			<u>T3</u>		
	ed by: (Signatur	e)	Date	Time		A Date		Time	00		AVG	Temp °C	4					
	rix: S - Soil, Sd - S	olid, Sg - Slui		eous, O - Other	2 100000			e: g - p	lass,			astic, ag - am	ber g	lass, v	- VOA	1		
					inless other arrangements are made. Haz												analysis of t	he 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.



e client expense. The report for the analysis of the above

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Client: [Devon Energy	1			Bill To			La	b Us	e Or	nly				TAT		EPA I	Progran
Project:	Mizar 11 Fed	Com 1H			Attention: Dale Woodall		Lab WO				Number		D 20	31	0 5	standard	CWA	SDW
	Manager: As				Address: 205 E Bender Rd	#150	E40	112	0	01	F000820					X		
	3122 Natio		_		City, State, Zip: Hobbs NM	, 88240			-10	Analy	sis and Met	hod				RCR		
	te, Zip: Carls		88220		Phone: (575)748-1838		yd C											
	575-988-005				Email: Dale.woodall@dvn.	com	/ORC									State		
	giovengo@e	nsolum.c	com				JRO/	121	20	0	0.00	113	≥ × NM CO		UT AZ	Z TX		
Report d	ue by:					1 7-1	RO/I	ολ 80	y 82	601	de 3(- 1				×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/ORO by	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	GDOC			Remark	:S
10:10	1/18/2024	Soil	1	-	FS12 - 0.5'	11							X					
10:12	1/18/2024	Soil	1		FS13 - 0.5'	12							X					
10:02	1/18/2024	Soil	1		FS14 -0.5'	13							х					
10:08	1/18/2024	Soil	1		FS15 -0.5'	14							х					
9:54	1/18/2024	Soil	1		FS16 - 0.5'	15							х					
9:56	1/18/2024	Soil	1		FS17 - 0.5'	10							х					
9:50	1/18/2024	Soil	1		FS18 - 0.5'	17							X					
9:47	1/18/2024	Soil	1		FS19 - 0.5'	18							х					
7:50	1/18/2024	Soil	1		FS20 - 1'	19							х					
15:12	1/18/2024	Soil	1		SW01 - 0-1'	20							X		T			
					m.com, agiovengo@ensolum.c	om, dale.woodall		m, ch	amil							m.com - KE		
				y be grounds for legal			2 327-327-339			receive	ed packed in ice a	t an avg	temp ab	ove 0 b	ut less t	than 6 °C on subse	equent days	
	ed by: (Signatur	e).	Date //	19/24 UT 3	Received by: (Signature)	Jate 1-19-0	14 D	730	5	Rece	eived on ice	e: (Lab I		Only			
	d by: (Signature	11	Date	9-24 Time	Received by: (Signature)	Date	Time			T1		Т	2			T3		
linguishe	d by: (Signature)	e)	Date	14-14 B	Received by (Signature)	Date 1-20-	. Time	1/30			Temp °C	L	-					



or disposed of at the client expense. The report for the analysis of the above on the report.

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EPA Program	7.5-	TA				nly	se Or	b Us	La			Bill To			1	evon Energy	Client: I
CWA SDWA	Standard	3D	2D			Num	2000			ab WO#		Attention: Dale Woodall			Com 1H	Mizar 11 Fed	Project:
	X			1	FOCOS	55	010	0		401		Address: 205 E Bender Rd #150		engo	hley Giov	Manager: Asl	Project I
RCRA				od	nd Metho	sis a	Analy					City, State, Zip: Hobbs NM, 88240		Hwy	nal Parks	3122 Nation	Address
		7								by		Phone: (575)748-1838		88220	bad NM,	te, Zip: Carls	City, Sta
State										ORO		Email: Dale.woodall@dvn.com			5	575-988-005	Phone:
UT AZ TX	NM CO UT AZ			MA		0.0			-	30/0				om	nsolum.c	giovengo@ei	Email: a
	×	¥				300	5010	826(802	O/D						ue by:	Report o
Remarks		GDOC		2005		Chloride 300.0	Metals 6010	VOC by 8260	BTEX by 8021	TPH GRO/DRO/ORO by 8015	er		Sample ID	No. of Containers	Matrix	Date Sampled	Time Sampled
			(>								SW02 - 0-1'		1	Soil	1/18/2024	12:12
			(>							2	PH04 - 1'		1	Soil	1/18/2024	8:58
			(>							3	PH04 - 2'		1	Soil	1/18/2024	9:00
			(>							1	PH04 - 3'		1	Soil	1/18/2024	8:56
			(>							5	PH04 - 4'		1	Soil	1/18/2024	8:53
			()							Q	PH04 - 5'		1	Soil	1/18/2024	8:50
			(>							7	PH04 - 6'		1	Soil	1/18/2024	9:23
			(>							5	PH04 - 7'		1	Soil	1/18/2024	9:33
			+	+							+						
PT ON ICE	olum.com - KE	enso	ehaft@	om,	olum.co	pens	ton@	amil	m, ch	dvn.cor	II@	m.com, agiovengo@ensolum.com, dal	cburton@ensolu	se CC: cb	ns: Plea	al Instruction	Addition
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il dec	ceived on ice the day ess than 6 °C on subse ly <u>T3</u>	ust be recee 0 but lee	Vation mi emp abov Lab U: Ŷ\ \	T2 Haber	iring thermal ped in ice at an on ice: I on ice: Inp oC Inp of at the cl	eived Ten	Rece T1 AVG) p-p	73 200 glass,	Time Time (pe: g - returned	200)-2 er Tiill be	m aware that tampering with or intentionally mislabel al action. Sampled by: Ethan Received by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature)	city of this sample. I a hay be grounds for leg e Time 07 e Time 15 e Time 15 e Time 15 e Time 15 e Ults are reported ur	Date Date Date Lace Date Date Date Date Date Date Date Dat	e validity and onsidered from the policy of	oler), attest to the of collection is co ad by: (Signature d by: (Signature d by: (Signature d by: (Signature d by: (Signature d by: (Signature d by: (Signature	I, (field sam, date or time Relinquish Relinquish Relinquish Sample Mat Note: Sample



or disposed of at the client expense. The report for the analysis of the above on the report.

envirotech Inc.

Printed: 1/22/2024 2:07:02PM

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:	01/20/24	06:00	Work Order ID:	E401120
Phone:	(505) 382-1211	Date Logged In:	01/19/24	17:12	Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com	Due Date:	01/26/24	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			
	samples dropped off by client or carrier?		Yes	Carrier: Courier		
	ne COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier. <u>Courier</u>		
	all samples received within holding time?	,,	Yes			
	Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi				<u>Comment</u>	s/Resolution
	Turn Around Time (TAT) e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
9. Was th	ne sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	s, were custody/security seals intact?					
	he sample received on ice? If yes, the recorded temp is 4°C	ia 60±20C	NA			
	Note: Thermal preservation is not required, if samples at minutes of sampling	re received w/i 15	Yes			
	visible ice, record the temperature. Actual sample	temperature: 4	<u>C</u>			
_	Container		N.T.			
	aqueous VOC samples present?		No			
	VOC samples collected in VOA Vials?		NA NA			
	e head space less than 6-8 mm (pea sized or less)?					
	a trip blank (TB) included for VOC analyses?	9	NA			
	non-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample contai	ners collected?	Yes			
Field La						
	field sample labels filled out with the minimum info sample ID?	ormation:	Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
Sample 1	Preservation_					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved r	netals?	No			
Multiph	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 anal		NA			
	ract Laboratory					
	camples required to get sent to a subcontract laborate	oru?	No			
	a subcontract laboratory specified by the client and i	-	NA	Subcontract Lab: NA		
		1 30 WIIO:	1421	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: Mizar 11 Fed Com 1H

Work Order: E401121

Job Number: 01058-0007

Received: 1/20/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/25/24

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: 1/25/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Mizar 11 Fed Com 1H

Workorder: E401121

Date Received: 1/20/2024 6:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/20/2024 6:00:00AM, under the Project Name: Mizar 11 Fed Com 1H.

The analytical test results summarized in this report with the Project Name: Mizar 11 Fed Com 1H 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

Field Offices:

Southern New Mexico Area

Lynn Jarboe

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

ſ	Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/25/24 13:41

Client Sample ID	Lab Sample ID M	1atrix	Sampled	Received	Container
FS01-1'	E401121-01A	Soil	01/17/24	01/20/24	Glass Jar, 2 oz.
FS21-1'	E401121-02A	Soil	01/17/24	01/20/24	Glass Jar, 2 oz.
FS22-1'	E401121-03A	Soil	01/17/24	01/20/24	Glass Jar, 2 oz.
FS23-1'	E401121-04A	Soil	01/17/24	01/20/24	Glass Jar, 2 oz.
FS24-1'	E401121-05A	Soil	01/17/24	01/20/24	Glass Jar, 2 oz.
FS25-1'	E401121-06A	Soil	01/17/24	01/20/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/25/2024 1:41:33PM

FS01-1' E401121-01

		2101121 01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2404005
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		92.0 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: BA			Batch: 2404005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2404015
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/24	01/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/24	01/23/24	
Surrogate: n-Nonane		102 %	50-200	01/22/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2404010
Chloride	273	20.0	1	01/22/24	01/22/24	

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/25/2024 1:41:33PM

FS21-1'

E401121-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2404005
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		95.1 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Analyst: BA		Batch: 2404005	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: KM		Batch: 2404015	
Diesel Range Organics (C10-C28)	176	25.0	1	01/22/24	01/23/24	
Oil Range Organics (C28-C36)	158	50.0	1	01/22/24	01/23/24	
Surrogate: n-Nonane		101 %	50-200	01/22/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: IY		Batch: 2404010
Chloride	190	20.0	1	01/22/24	01/22/24	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/25/2024 1:41:33PM

FS22-1'

E401121-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2404005
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		94.3 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2404005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.4 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2404015
Diesel Range Organics (C10-C28)	110	25.0	1	01/22/24	01/23/24	
Oil Range Organics (C28-C36)	99.5	50.0	1	01/22/24	01/23/24	
Surrogate: n-Nonane		96.0 %	50-200	01/22/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2404010
	674	20.0	•	01/22/24	01/22/24	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/25/2024 1:41:33PM

FS23-1'

E401121-04

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2404005
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		93.5 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	Anal	Analyst: BA		Batch: 2404005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.9 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	Analyst: KM		Batch: 2404015
Diesel Range Organics (C10-C28)	46.1	25.0	1	01/22/24	01/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/24	01/23/24	
Surrogate: n-Nonane		102 %	50-200	01/22/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2404010
Chloride	544	20.0	1	01/22/24	01/23/24	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/25/2024 1:41:33PM

FS24-1'

E401121-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: BA		Batch: 2404005
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		93.4 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2404005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.8 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2404015
Diesel Range Organics (C10-C28)	52.5	25.0	1	01/22/24	01/23/24	
Oil Range Organics (C28-C36)	57.0	50.0	1	01/22/24	01/23/24	
Surrogate: n-Nonane		107 %	50-200	01/22/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: IY		Batch: 2404010
Allions by ETA 500:0/7050A						



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/25/2024 1:41:33PM

FS25-1'

E401121-06

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2404005
Benzene	ND	0.0250	1	01/22/24	01/23/24	
Ethylbenzene	ND	0.0250	1	01/22/24	01/23/24	
Toluene	ND	0.0250	1	01/22/24	01/23/24	
o-Xylene	ND	0.0250	1	01/22/24	01/23/24	
p,m-Xylene	ND	0.0500	1	01/22/24	01/23/24	
Total Xylenes	ND	0.0250	1	01/22/24	01/23/24	
Surrogate: 4-Bromochlorobenzene-PID		91.8 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2404005
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/24	01/23/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	01/22/24	01/23/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: KM		Batch: 2404015
Diesel Range Organics (C10-C28)	25.5	25.0	1	01/22/24	01/23/24	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/24	01/23/24	
Surrogate: n-Nonane		103 %	50-200	01/22/24	01/23/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: IY		Batch: 2404010
Chloride	1460	20.0	1	01/22/24	01/23/24	



		QC S	umma	пу рас	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager:	01	lizar 11 Fed C 1058-0007 shley Gioven					Reported: 1/25/2024 1:41:33PM
<u>, </u>		Volatile O							Analyst: BA
									Allalyst. DA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2404005-BLK1)							Prepared: 0	1/22/24 A	.nalyzed: 01/22/24
Benzene	ND	0.0250					1 .		
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Fotal Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			
LCS (2404005-BS1)							Prepared: 0	1/22/24 A	nalyzed: 01/22/24
Benzene	4.82	0.0250	5.00		96.4	70-130			
Ethylbenzene	4.64	0.0250	5.00		92.7	70-130			
Coluene	4.82	0.0250	5.00		96.4	70-130			
-Xylene	4.78	0.0250	5.00		95.7	70-130			
o,m-Xylene	9.59	0.0500	10.0		95.9	70-130			
Total Xylenes	14.4	0.0250	15.0		95.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.73		8.00		96.6	70-130			
Matrix Spike (2404005-MS1)				Source:	E401120-	28	Prepared: 0	1/22/24 A	nalyzed: 01/22/24
Benzene	5.00	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.81	0.0250	5.00	ND	96.2	61-133			
Toluene	5.00	0.0250	5.00	ND	99.9	61-130			
o-Xylene	4.96	0.0250	5.00	ND	99.1	63-131			
o,m-Xylene	9.94	0.0500	10.0	ND	99.4	63-131			
Total Xylenes	14.9	0.0250	15.0	ND	99.3	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.77		8.00		97.2	70-130			
Matrix Spike Dup (2404005-MSD1)				Source:	E401120-	28	Prepared: 0	1/22/24 A	analyzed: 01/22/24
Benzene	5.12	0.0250	5.00	ND	102	54-133	2.38	20	
Ethylbenzene	4.93	0.0250	5.00	ND	98.5	61-133	2.43	20	
Toluene	5.12	0.0250	5.00	ND	102	61-130	2.42	20	
. V-d	5.07	0.0250	5.00	ND	101	62 121	2.20	20	



2.29

2.50

2.43

20

20

20

5.07

10.2

15.3

7.74

0.0250

0.0500

0.0250

5.00

10.0

15.0

8.00

ND

ND

ND

101

102

102

63-131

63-131

63-131

70-130

o-Xylene

p,m-Xylene Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/25/2024 1:41:33PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			1	/25/2024 1:41:33PM
	Non	halogenated	Organics l	by EPA 80	15D - GI	RO			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 (2404005-BLK1)							Prepared: 0	1/22/24 Ana	alyzed: 01/22/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.27		8.00		90.8	70-130			
LCS (2404005-BS2)							Prepared: 0	1/22/24 Ana	alyzed: 01/22/24
Gasoline Range Organics (C6-C10)	44.5	20.0	50.0		88.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			
Matrix Spike (2404005-MS2)				Source:	E401120-2	28	Prepared: 0	1/22/24 Ana	alyzed: 01/22/24
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.3	70-130			
Matrix Spike Dup (2404005-MSD2)				Source:	E401120-2	28	Prepared: 0	1/22/24 Ana	alyzed: 01/22/24
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0	ND	102	70-130	8.72	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130			

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	1/25/2024 1:41:33PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			1	/25/2024 1:41:33PN
	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 (2404015-BLK1)							Prepared: 0	1/22/24 An	alyzed: 01/23/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.5		50.0		103	50-200			
LCS (2404015-BS1)							Prepared: 0	1/22/24 An	alyzed: 01/23/24
Diesel Range Organics (C10-C28)	241	25.0	250		96.5	38-132			
Surrogate: n-Nonane	50.9		50.0		102	50-200			
Matrix Spike (2404015-MS1)				Source:	E401124-0	03	Prepared: 0	1/22/24 An	alyzed: 01/23/24
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.7	38-132			
Surrogate: n-Nonane	48.9		50.0		97.8	50-200			
Matrix Spike Dup (2404015-MSD1)				Source:	E401124-0	03	Prepared: 0	1/22/24 An	alyzed: 01/23/24
Diesel Range Organics (C10-C28)	256	25.0	250	ND	102	38-132	8.66	20	
Surrogate: n-Nonane	52.2		50.0		104	50-200			



Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	_	Mizar 11 Fed C 1058-0007	om 1H				Reported:
Artesia NM, 88210		Project Manager	r: A	Ashley Gioveng	go				1/25/2024 1:41:33PM
		Anions	by EPA	300.0/9056	\				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 (2404010-BLK1)							Prepared: 0	1/22/24 A	nalyzed: 01/22/24
Chloride	ND	20.0							
LCS (2404010-BS1)							Prepared: 0	1/22/24 A	nalyzed: 01/22/24
Chloride	249	20.0	250		99.7	90-110			
Matrix Spike (2404010-MS1)				Source:	E401119-0	06	Prepared: 0	1/22/24 A	nalyzed: 01/22/24
Chloride	250	20.0	250	ND	100	80-120			
Matrix Spike Dup (2404010-MSD1)				Source:	E401119-0	06	Prepared: 0	1/22/24 A	nalyzed: 01/22/24

250

20.0

100

80-120

0.343

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:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	01/25/24 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.



Client: Devon Energy

Project: Mizar 11 Fed Com 1H

Lab WO#

Lab Use Only

Job Number

TAT

1D 2D 3D Standard

Bill To

Attention: Dale Woodall

EPA Program

CWA

17
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9
O
8

Project f	Manager: As	hley Gio	vengo		Add	ress: 205 E Bender Rd #150		FL	10	112	1.1	010	550	FCCOOS	-			X		
Address	: 3122 Natio	nal Parks	s Hwy		City	, State, Zip: Hobbs NM, 882	40		10					nd Metho						RCRA
City, Sta	te, Zip: Carls	sbad NM	, 88220		Pho	ne: (575)748-1838			ρλ											
	575-988-005				Ema	ail: Dale.woodall@dvn.com			ORO							1111111			State	
Email: a	giovengo@e	ensolum.	com						0/0	_			0.		Σ			NM CO	UT A	Z TX
Report d									/DR	by 8021	3260	010	300		6.0	×		×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number		TPH GRO/DRO/ORO by 8015	втех by	VOC by 8260	Metals 6010	Chloride 300.0		верос	GDOC			Remark	is
12:48	1/17/2024	Soil	1			FS01 - 1'	1		F &						х					
13:10	1/17/2024	Soil	1			FS21 - 1'	2								х					
13:07	1/17/2024	Soil	1			FS22 - 1'	3		10						х					
13:06	1/17/2024	Soil	1			FS23 - 1'	4								х					
13:05	1/17/2024	Soil	1			FS24 - 1'	5								х					
13:00	1/17/2024	Soil	1			FS25 - 1'	6								х					
							+													
I, (field sam	pler), attest to th	e validity an	id authentici	ty of this sample.	I am aware th	agiovengo@ensolum.com, at tampering with or intentionally mis	labelling the samp			n, ch	amil	Sample	es requi	olum.com	reservatio	n must be r	eceived	on ice the day	they are san	mpled or
Relinquish	ed by: (Signatur	te)	Date ///		700	Sampled by: Ethon Received by: (Signature) Wyllle Ckyh	Date /- 18 5	14		700)			on ice:		Use Or				
Mice	ed by: (Signatui	my for		- V	520	Received by: (Signature)	Date 1-/Q-	u	Time 16	30		<u>T1</u>			T2			<u>T3</u>		
Relinquishe	ed by: (Signatur		Date /-	19-W 12		Received by: (Signature)	1-20-2	24	Time	200		AVG	Ten	np °C	4					
	rix: S - Soil, Sd - S					6	Containe	г Туре	e: g - g	glass,	p - p	oly/p	lastic	, ag - amb	er glas	s, v - VO	Α			
Note: Sam	ples are discard	led 30 days	after resul	ts are reported	unless other	arrangements are made. Hazard												ort for the	analysis o	f the above
samples is	applicable only	to those s	amples rece	eived by the labo	oratory with	this COC. The liability of the labora	atory is limited to	o the a	amour	nt paid	d for	on the	repo	rt.						



edient expense. The report for the analysis of the above

Printed: 1/22/2024 1:55:10PM

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.

Phone: (987)-332-1211 Due Langeol in U(20/24 (608) Logged in By: Alexa Michaela Emiliation (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1	Client:	Devon Energy - Carlsbad	Date Received:	01/20/24	06:00	Work Order ID:	E401121
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15. Are VOC samples collected in VOA Vials? 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? Field Label 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? NA 24. Is lab filteration required and/or requested for dissolved metals? Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? No Multiphase Sample Matrix 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 NA Subcontract Lab: NA	_			No			
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29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA							
				No			
Client Instruction	29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab: NA		
	Client In	<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: Mizar 11 Fed Com 1H

Work Order: E402046

Job Number: 01058-0007

Received: 2/3/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/7/24

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: 2/7/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Mizar 11 Fed Com 1H

Workorder: E402046

Date Received: 2/3/2024 2:50:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/3/2024 2:50:00PM, under the Project Name: Mizar 11 Fed Com 1H.

The analytical test results summarized in this report with the Project Name: Mizar 11 Fed Com 1H 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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Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/07/24 16:17

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
PH04-8'	E402046-01A Soil	02/02/24	02/03/24	Glass Jar, 2 oz.
PH04-9'	E402046-02A Soil	02/02/24	02/03/24	Glass Jar, 2 oz.
PH04-10'	E402046-03A Soil	02/02/24	02/03/24	Glass Jar, 2 oz.
PH04-11'	E402046-04A Soil	02/02/24	02/03/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/7/2024 4:17:24PM

PH04-8' E402046-01

	E402040-01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	llyst: RAS	<u>-</u>	Batch: 2405155
ND	0.0250	1	02/02/24	02/06/24	
ND	0.0250	1	02/02/24	02/06/24	
0.0324	0.0250	1	02/02/24	02/06/24	
ND	0.0250	1	02/02/24	02/06/24	
ND	0.0500	1	02/02/24	02/06/24	
ND	0.0250	1	02/02/24	02/06/24	
	95.8 %	70-130	02/02/24	02/06/24	
mg/kg	mg/kg	Ana	lyst: RAS		Batch: 2405155
ND	20.0	1	02/02/24	02/06/24	
	94.4 %	70-130	02/02/24	02/06/24	
mg/kg	mg/kg	Ana	lyst: KM		Batch: 2406042
ND	25.0	1	02/06/24	02/07/24	
ND	50.0	1	02/06/24	02/07/24	
	76.4 %	50-200	02/06/24	02/07/24	
mg/kg	mg/kg	Ana	lyst: IY		Batch: 2406021
79.9	20.0	1	02/05/24	02/06/24	
	mg/kg ND ND 0.0324 ND ND ND Mg/kg ND mg/kg ND mg/kg	Result Reporting Limit mg/kg mg/kg ND 0.0250 ND 0.0250 0.0324 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 95.8 % mg/kg MD 20.0 94.4 % mg/kg ND 25.0 ND 50.0 76.4 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Ana ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 MD 0.0250 1 MD 0.0250 1 MD 0.0250 1 Mg/kg mg/kg Ana ND 20.0 1 Mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 76.4 % 50-200 mg/kg mg/kg Ana	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: RAS ND 0.0250 1 02/02/24 ND 0.0250 1 02/02/24 ND 0.0250 1 02/02/24 ND 0.0500 1 02/02/24 ND 0.0250 1 02/02/24 ND 0.0250 1 02/02/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 02/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 02/02/24 ND 50.0 1 02/06/24 ND 50.0 1 02/06/24 ND 50.0 1 02/06/24 ND 50.0 1 02/06/24 mg/kg mg/kg Analyst: KM	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 02/02/24 02/06/24 ND 0.0250 1 02/02/24 02/06/24 0.0324 0.0250 1 02/02/24 02/06/24 ND 0.0250 1 02/02/24 02/06/24 ND 0.0500 1 02/02/24 02/06/24 ND 0.0250 1 02/02/24 02/06/24 MD 0.0250 1 02/02/24 02/06/24 MD 0.0250 1 02/02/24 02/06/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 02/02/24 02/06/24 mg/kg mg/kg Analyst: KM ND 25.0 1 02/06/24 02/07/24 ND 50.0 1 02/06/24 02/07/24 ND 50.0 1 02/0



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/7/2024 4:17:24PM

PH04-9'

		E402046-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2405155
Benzene	ND	0.0250	1	02/02/24	02/06/24	
Ethylbenzene	ND	0.0250	1	02/02/24	02/06/24	
Toluene	ND	0.0250	1	02/02/24	02/06/24	
o-Xylene	ND	0.0250	1	02/02/24	02/06/24	
p,m-Xylene	ND	0.0500	1	02/02/24	02/06/24	
Total Xylenes	ND	0.0250	1	02/02/24	02/06/24	
Surrogate: 4-Bromochlorobenzene-PID		96.1 %	70-130	02/02/24	02/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: RAS		Batch: 2405155
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/02/24	02/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	02/02/24	02/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: KM		Batch: 2406042
Diesel Range Organics (C10-C28)	ND	25.0	1	02/06/24	02/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	02/06/24	02/07/24	
Surrogate: n-Nonane		80.8 %	50-200	02/06/24	02/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: IY		Batch: 2406021
Chloride	73.7	20.0	1	02/05/24	02/06/24	



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/7/2024 4:17:24PM

PH04-10' E402046-03

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2405155
ND	0.0250	1	02/02/24	02/05/24	
ND	0.0250	1	02/02/24	02/05/24	
ND	0.0250	1	02/02/24	02/05/24	
ND	0.0250	1	02/02/24	02/05/24	
ND	0.0500	1	02/02/24	02/05/24	
ND	0.0250	1	02/02/24	02/05/24	
	94.4 %	70-130	02/02/24	02/05/24	
mg/kg	mg/kg	Anal	yst: RAS		Batch: 2405155
ND	20.0	1	02/02/24	02/05/24	
	95.0 %	70-130	02/02/24	02/05/24	
mg/kg	mg/kg	Anal	yst: KM		Batch: 2406042
ND	25.0	1	02/06/24	02/07/24	
ND	50.0	1	02/06/24	02/07/24	
	74.4 %	50-200	02/06/24	02/07/24	
mg/kg	mg/kg	Anal	yst: IY		Batch: 2406021
77.4	20.0	1	02/05/24	02/06/24	
	mg/kg ND Mg/kg ND mg/kg	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 94.4 % mg/kg MD 20.0 95.0 % mg/kg ND 25.0 ND 50.0 74.4 % mg/kg mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analy 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 94.4 % 70-130 mg/kg mg/kg Analy ND 20.0 1 95.0 % 70-130 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 74.4 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RAS ND 0.0250 1 02/02/24 ND 0.0250 1 02/02/24 ND 0.0250 1 02/02/24 ND 0.0250 1 02/02/24 ND 0.0500 1 02/02/24 ND 0.0250 1 02/02/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 02/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 02/02/24 ND 25.0 1 02/06/24 ND 50.0 1 02/06/24 ND 50.0 1 02/06/24 mg/kg mg/kg Analyst: KM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 02/02/24 02/05/24 ND 0.0250 1 02/02/24 02/05/24 ND 0.0250 1 02/02/24 02/05/24 ND 0.0500 1 02/02/24 02/05/24 ND 0.0250 1 02/02/24 02/05/24 ND 0.0250 1 02/02/24 02/05/24 ND 0.0250 1 02/02/24 02/05/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 02/02/24 02/05/24 mg/kg mg/kg Analyst: KM ND 25.0 1 02/02/24 02/05/24 ND 25.0 1 02/06/24 02/07/24 ND 50.0 1 02/06/24 02/07/24 ND 50.0 1 02/06/24 02/07/24 <



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/7/2024 4:17:24PM

PH04-11' E402046-04

	2102010 01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: RAS		Batch: 2405155
ND	0.0250	1	02/02/24	02/05/24	
ND	0.0250	1	02/02/24	02/05/24	
ND	0.0250	1	02/02/24	02/05/24	
ND	0.0250	1	02/02/24	02/05/24	
ND	0.0500	1	02/02/24	02/05/24	
ND	0.0250	1	02/02/24	02/05/24	
	94.5 %	70-130	02/02/24	02/05/24	
mg/kg	mg/kg	Analy	yst: RAS		Batch: 2405155
ND	20.0	1	02/02/24	02/05/24	
	95.3 %	70-130	02/02/24	02/05/24	
mg/kg	mg/kg	Analy	yst: KM		Batch: 2406042
ND	25.0	1	02/06/24	02/07/24	
ND	50.0	1	02/06/24	02/07/24	
	78.4 %	50-200	02/06/24	02/07/24	
mg/kg	mg/kg	Analy	yst: IY		Batch: 2406021
89.1	20.0	<u> </u>	02/05/24	02/06/24	·
	mg/kg ND	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 94.5 % mg/kg MD 20.0 95.3 % mg/kg MD 25.0 ND 50.0 78.4 %	Reporting Result Limit Dilution mg/kg mg/kg Analy 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 94.5 % 70-130 70-130 mg/kg mg/kg Analy ND 20.0 1 Mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 78.4 % 50-200	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: RAS ND 0.0250 1 02/02/24 ND 0.0250 1 02/02/24 ND 0.0250 1 02/02/24 ND 0.0500 1 02/02/24 ND 0.0250 1 02/02/24 ND 0.0250 1 02/02/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 02/02/24 mg/kg mg/kg Analyst: KM ND 25.0 1 02/06/24 ND 50.0 1 02/06/24 ND 50.0 1 02/06/24	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RAS ND 0.0250 1 02/02/24 02/05/24 ND 0.0250 1 02/02/24 02/05/24 ND 0.0250 1 02/02/24 02/05/24 ND 0.0500 1 02/02/24 02/05/24 ND 0.0250 1 02/02/24 02/05/24 ND 0.0250 1 02/02/24 02/05/24 ND 0.0250 1 02/02/24 02/05/24 MD 0.0250 1 02/02/24 02/05/24 mg/kg mg/kg Analyst: RAS ND 20.0 1 02/02/24 02/05/24 mg/kg mg/kg Analyst: KM ND 25.0 1 02/06/24 02/07/24 ND 50.0 1 02/06/24 02/07/24 ND 50.0 1 02/06/24



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

		•	
Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/7/2024 4:17:24PM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		1058-0007 shley Giovengo				2	2/7/2024 4:17:24PM
		Volatile Or	ganics	by EPA 8021	В				Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2405155-BLK1)]	Prepared: 02	2/02/24 Ana	alyzed: 02/04/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.4	70-130			
LCS (2405155-BS1)						1	Prepared: 02	2/02/24 Ana	alyzed: 02/05/24
Benzene	4.86	0.0250	5.00		97.1	70-130			
Ethylbenzene	4.82	0.0250	5.00		96.3	70-130			
Toluene	4.83	0.0250	5.00		96.6	70-130			
o-Xylene	4.78	0.0250	5.00		95.6	70-130			
p,m-Xylene	9.71	0.0500	10.0		97.1	70-130			
Total Xylenes	14.5	0.0250	15.0		96.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.57		8.00		94.6	70-130			
LCS Dup (2405155-BSD1)						1	Prepared: 02	2/02/24 Ana	alyzed: 02/05/24
Benzene	4.73	0.0250	5.00		94.6	70-130	2.69	20	
Ethylbenzene	4.69	0.0250	5.00		93.8	70-130	2.62	20	
Toluene	4.70	0.0250	5.00		94.0	70-130	2.74	20	
o-Xylene	4.65	0.0250	5.00		93.1	70-130	2.69	20	
p,m-Xylene	9.48	0.0500	10.0		94.8	70-130	2.41	20	
Total Xylenes	14.1	0.0250	15.0		94.2	70-130	2.50	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Mizar 11 Fed Com 1H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/7/2024 4:17:24PM

Artesia NM, 88210		Project Manager		hley Gioveng	o			2	2/7/2024 4:17:24PM
	Non	Analyst: RAS							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2405155-BLK1)						I	Prepared: 02	2/02/24 An	alyzed: 02/04/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			
LCS (2405155-BS2)						I	Prepared: 02	2/02/24 An	alyzed: 02/05/24
Gasoline Range Organics (C6-C10)	46.4	20.0	50.0		92.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.84		8.00		98.0	70-130			
LCS Dup (2405155-BSD2)						I	Prepared: 02	2/02/24 An	alyzed: 02/05/24
Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.7	70-130	5.18	20	

70-130

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/7/2024 4:17:24PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			:	2/7/2024 4:17:24PM
	Nonha	logenated Or	ganics by l	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 (2406042-BLK1)							Prepared: 0	2/06/24 An	alyzed: 02/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	39.1		50.0		78.2	50-200			
LCS (2406042-BS1)							Prepared: 0	2/06/24 An	alyzed: 02/06/24
Diesel Range Organics (C10-C28)	235	25.0	250		94.1	38-132			
Surrogate: n-Nonane	38.6		50.0		77.2	50-200			
Matrix Spike (2406042-MS1)				Source:	E402026-0	03	Prepared: 0	2/06/24 An	alyzed: 02/06/24
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.5	38-132			
Surrogate: n-Nonane	43.9		50.0		87.9	50-200			
Matrix Spike Dup (2406042-MSD1)				Source:	E402026-0	03	Prepared: 0	2/06/24 An	alyzed: 02/06/24
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.6	38-132	2.06	20	
Surrogate: n-Nonane	41.4		50.0		82.8	50-200			



LCS Dup (2406021-BSD1)

Chloride

255

Prepared: 02/05/24 Analyzed: 02/06/24

20

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		•	Project Number: 01058-0007						Reported:
Artesia NM, 88210		Project Manager	: A	shley Gioveng	go				2/7/2024 4:17:24PM
		Anions	by EPA 3	300.0/9056 <i>A</i>	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 (2406021-BLK1)							Prepared: 0	2/05/24 A	nalyzed: 02/06/24
Chloride	ND	20.0							
LCS (2406021-BS1)							Prepared: 0	2/05/24 A	nalyzed: 02/06/24
Chloride	256	20.0	250		102	90-110			

250

20.0

102

90-110

0.176

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:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/07/24 16:17

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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lient: Devon Energ	gy				Bill To					Lal	o Use	e On	ly				TAT		EPA P	rogran
roject: Mizar 11 Fe	d Com 1F			A	tention: Dale Woodall Lab WO#							Number		D 2D	30) S	tandard	CWA	SDW	
roject Manager: A	shley Gio	vengo		Δ	ddress: 205 E Bender Rd #1					6	SIC	rsa	F				X			
ddress: 3122 Nati				<u>C</u>	ity, State, Zip: Hobbs NM, 8	8240					A	naly	sis and Meth	nod				1		RCF
ity, State, Zip: Car		88220		P	hone: (575)748-1838			34	À											
hone: 575-988-00				<u>E</u>	mail: Dale.woodall@dvn.co	m		OBO	5										State	
mail: agiovengo@	ensolum.	com						OBO,	Ou C	21	00	0	0.00		S	×		NM CO	UT AZ	TX
eport due by:	_	_						3/02	10/1	y 80	/ 826	601	e 30	- 1				×		
Time Sampled Date Sampled	Matrix	No. of Containers	Sample ID			1	Lab Number	TPH GF	8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC	GDOC			Remark	5
9:08 2/2/2024	Soil	1			PH04 - 8'										х					
9:12 2/2/2024	Soil	1			PH04 - 9'		2								Х					
9:16 2/2/2024	Soil	1			PH04 - 10'		3								х					
9:24 2/2/2024	Soil	1			PH04 - 11'		4								х		T			
											-				+		+			
														1			L			
									4	-				+	4	-	-			
dditional Instruction	ons: Ple	se CC: cl	ourton@ensolu	ım.co	m, agiovengo@ensolum.cor	n. dale w	oodall(@dvn	com	, cha	milt	on@	ensolum c	om	ehaft	@en	solui	m.com - KF	PT ON I	CF
					e that tampering with or intentionally	mislabelling	the sample	700000	.,		S	ample	s requiring therma	al presi	ervation r	nust be	receive	ed on ice the day t	hey are sam	
te or time of collection is linquished by: (Signat	ıre) _	Date	y be grounds for leg		Received by: (Signature)		+ ate 2-2-2	U Ti	ime	7/17	_		d packed in ice at		Lab l	Jse O		nan 6 °C on subse	quent days.	
linquished by: (Signatu	ire) /	Date	Time	100	Received by: (Signature)		1/3/5		ime	5(1	Rece T1	ived on ice	: (Y	IN		T3		
linquished by: (Signati		Date	Time		Received by: (Signature)	-	ate		ime				Temp °C_	4				15		



or disposed of at the client expense. The report for the analysis of the above on the report.

Printed: 2/4/2024 3:49:53PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

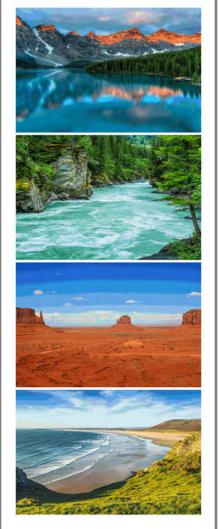
Instructions: Please take note of any NO checkmarks.

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:	02/03/24	14:50	Work Order ID:	E402046
Phone:	(505) 382-1211	Date Logged In:	02/02/24	17:41	Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com	Due Date:	02/09/24	17:00 (4 day TAT)		
Chain a	Contrador (COC)					
	Custody (COC)					
	ne sample ID match the COC? The number of samples per sampling site location mat	ch the COC	Yes			
	amples dropped off by client or carrier?	ch the COC	Yes			
	e COC complete, i.e., signatures, dates/times, reques	stad analysas?	Yes Yes	Carrier: Courier		
	Il samples received within holding time?	sted allaryses?	Yes			
J. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		165		<u>Comment</u>	ts/Resolution
	Furn Around Time (TAT) c COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (103			
	sample cooler received?		Yes			
	was cooler received in good condition?		Yes			
• •	· ·					
	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
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			
	•	temperature. 1	<u> </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			
	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			
		iers conceteur	103			
Field Lal	field sample labels filled out with the minimum info	rmation				
	ample ID?	rination.	Yes			
	pate/Time Collected?		Yes			
	ollectors name?		Yes			
Sample I	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 n	netals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multipha	se?	No			
	, does the COC specify which phase(s) is to be analy		NA			
			1112			
	act Laboratory	0	N-			
	amples required to get sent to a subcontract laborato	-	No	0.1 4 47 1 374		
29. was a	subcontract laboratory specified by the client and if	so who:	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

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: Mizar 11 Fed Com 1H

Work Order: E402047

Job Number: 01058-0007

Received: 2/3/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/8/24

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: 2/8/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Mizar 11 Fed Com 1H

Workorder: E402047

Date Received: 2/3/2024 2:50:00PM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/3/2024 2:50:00PM, under the Project Name: Mizar 11 Fed Com 1H.

The analytical test results summarized in this report with the Project Name: Mizar 11 Fed Com 1H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

_				
	Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/08/24 13:30

Client Sample ID	Lab Sample ID Ma	atrix	Sampled	Received	Container
FS26-0.5'	E402047-01A S	Soil	02/02/24	02/03/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2024 1:30:33PM

FS26-0.5' E402047-01

	E402047-01				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: EG		Batch: 2406025
ND	0.0250	1	02/05/24	02/07/24	
ND	0.0250	1	02/05/24	02/07/24	
ND	0.0250	1	02/05/24	02/07/24	
ND	0.0250	1	02/05/24	02/07/24	
ND	0.0500	1	02/05/24	02/07/24	
ND	0.0250	1	02/05/24	02/07/24	
	96.9 %	70-130	02/05/24	02/07/24	
mg/kg	mg/kg	Analy	st: EG		Batch: 2406025
ND	20.0	1	02/05/24	02/07/24	
	93.5 %	70-130	02/05/24	02/07/24	
mg/kg	mg/kg	Analy	st: KM		Batch: 2406042
1060	125	5	02/06/24	02/07/24	
551	250	5	02/06/24	02/07/24	
	76.6 %	50-200	02/06/24	02/07/24	
mg/kg	mg/kg	Analy	st: IY		Batch: 2406017
14800	200	10	02/05/24	02/06/24	
	ND ND ND ND ND ND ND Mg/kg ND mg/kg 1060 551	Result Reporting mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg 1060 125 551 250 76.6 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy 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 MD 0.0250 1 Mg/kg mg/kg Analy ND 20.0 1 93.5 % 70-130 mg/kg mg/kg Analy 1060 125 5 551 250 5 76.6 % 50-200 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: EG ND 0.0250 1 02/05/24 ND 0.0250 1 02/05/24 ND 0.0250 1 02/05/24 ND 0.0250 1 02/05/24 ND 0.0500 1 02/05/24 ND 0.0250 1 02/05/24 mg/kg mg/kg Analyst: EG ND 20.0 1 02/05/24 mg/kg mg/kg Analyst: KM 1060 125 5 02/06/24 551 250 5 02/06/24 mg/kg mg/kg Analyst: KM	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: EG ND 0.0250 1 02/05/24 02/07/24 ND 0.0500 1 02/05/24 02/07/24 ND 0.0250 1 02/05/24 02/07/24 Mg/kg mg/kg Analyst: EG ND 20.02 1 02/05/24 02/07/24 mg/kg mg/kg Analyst: EG ND 20.0 1 02/05/24 02/07/24 mg/kg mg/kg Analyst: EG 1060 125 5 02/06/24 02/07/24 551 250 5 02/06/24 02/07/24 mg/kg mg/kg Analyst: IY 02/07/24

		QC SI	umm	пу рац	a				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		lizar 11 Fed C 1058-0007	om 1H				Reported:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	go				2/8/2024 1:30:33PM
		Volatile O	rganics l	oy 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 (2406025-BLK1)							Prepared: 0	2/05/24 A	nalyzed: 02/05/24
Benzene	ND	0.0250							
thylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.7	70-130			
LCS (2406025-BS1)							Prepared: 0	2/05/24 A	analyzed: 02/05/24
Benzene	4.95	0.0250	5.00		99.0	70-130			
thylbenzene	4.93	0.0250	5.00		98.7	70-130			
oluene	4.94	0.0250	5.00		98.7	70-130			
-Xylene	4.89	0.0250	5.00		97.8	70-130			
o,m-Xylene	9.94	0.0500	10.0		99.4	70-130			
Total Xylenes	14.8	0.0250	15.0		98.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			
Matrix Spike (2406025-MS1)				Source:	E402049-	23	Prepared: 0	2/05/24 A	analyzed: 02/06/24
Benzene	4.90	0.0250	5.00	ND	98.0	54-133			
thylbenzene	4.93	0.0250	5.00	ND	98.6	61-133			
oluene	4.91	0.0250	5.00	ND	98.2	61-130			
-Xylene	4.89	0.0250	5.00	ND	97.8	63-131			
o,m-Xylene	9.93	0.0500	10.0	ND	99.3	63-131			
Total Xylenes	14.8	0.0250	15.0	ND	98.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.81		8.00		97.6	70-130			
Matrix Spike Dup (2406025-MSD1)				Source:	E402049-	23	Prepared: 0	2/05/24 A	analyzed: 02/05/24
Benzene	5.28	0.0250	5.00	ND	106	54-133	7.49	20	
Ethylbenzene	5.26	0.0250	5.00	ND	105	61-133	6.48	20	
Toluene	5.26	0.0250	5.00	ND	105	61-130	6.79	20	
o-Xylene	5.21	0.0250	5.00	ND	104	63-131	6.41	20	
o,m-Xylene	10.6	0.0500	10.0	ND	106	63-131	6.36	20	
Total Virlamas	15.9	0.0250	15.0	ND	105	62 121	6.29	20	



15.8

7.67

0.0250

15.0

8.00

ND

105

95.9

63-131

70-130

6.38

20

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 1-Chloro-4-fluorobenzene-FID

7.82

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2024 1:30:33PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			2/8	3/2024 1:30:33PM	
	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 (2406025-BLK1)							Prepared: 0	2/05/24 Anal	yzed: 02/05/24	
Gasoline Range Organics (C6-C10)	ND	20.0								
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00		95.8	70-130				
LCS (2406025-BS2)							Prepared: 0	2/05/24 Anal	yzed: 02/05/24	
Gasoline Range Organics (C6-C10)	51.7	20.0	50.0		103	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00		96.4	70-130				
Matrix Spike (2406025-MS2)				Source:	E402049-	23	Prepared: 0	2/05/24 Anal	yzed: 02/05/24	
Gasoline Range Organics (C6-C10)	51.5	20.0	50.0	ND	103	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.72		8.00		96.5	70-130				
Matrix Spike Dup (2406025-MSD2)				Source:	E402049-	23	Prepared: 0	2/05/24 Anal	yzed: 02/05/24	
Gasoline Range Organics (C6-C10)	52.1	20.0	50.0	ND	104	70-130	1.14	20		

70-130

Devon Energy - Carlsbad	Project Name:	Mizar 11 Fed Com 1H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2024 1:30:33PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			2	/8/2024 1:30:33PM
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: KM									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 (2406042-BLK1)							Prepared: 0	2/06/24 Ana	lyzed: 02/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	39.1		50.0		78.2	50-200			
LCS (2406042-BS1)							Prepared: 0	2/06/24 Ana	lyzed: 02/06/24
Diesel Range Organics (C10-C28)	235	25.0	250		94.1	38-132			
Surrogate: n-Nonane	38.6		50.0		77.2	50-200			
Matrix Spike (2406042-MS1)				Source:	E402026-0	03	Prepared: 0	2/06/24 Ana	lyzed: 02/06/24
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.5	38-132			
Surrogate: n-Nonane	43.9		50.0		87.9	50-200			
Matrix Spike Dup (2406042-MSD1)				Source:	E402026-0	03	Prepared: 0	2/06/24 Ana	lyzed: 02/06/24
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.6	38-132	2.06	20	
Surrogate: n-Nonane	41.4		50.0		82.8	50-200			

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Mizar 11 Fed Com 1H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	2/8/2024 1:30:33PM

I

Analyte	Result	Reporting Limit	Spike Level	Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2406017-BLK1)						I	Prepared: 0	2/05/24 Anal	yzed: 02/05/24	
Chloride	ND	20.0								
T CC (AAACAAR DCA)							1.0	2/05/24 4 1	1 00/05/04	

Chloride	ND	20.0							
LCS (2406017-BS1)						Prepared: 02/	05/24	Analyzed: 02/05/24	
Chloride	251	20.0	250	100 9	90-110				
LCS Dup (2406017-BSD1)						Prepared: 02/	05/24	Analyzed: 02/05/24	
Chloride	251	20.0	250	100 9	90-110	0.00878	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:	Mizar 11 Fed Com 1H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	02/08/24 13:30

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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ent: Devon Energy				4.	Bill To				La	ab Us	e Or	ily				TA	AT		EPA P	rogram
roject: Mizar 11 Fe	ed Com 1H			Attention: Dale Woodall				Lab WO# E-20-04-01 E-40204-7				Number		1D	2D	3D	Stan	Standard C		SDW
	ct Manager: Ashley Giovengo			A	ddress: 205 E Bender Rd #1	50	E	20	ON	d	010	XXXX	FX	-)	X		
ddress: 3122 Nati				ity, State, Zip: Hobbs NM, 8	3240	E	402	04	7	Analy	sis and N	lethoo	1						RCR	
ity, State, Zip: Car		88220		P	hone: (575)748-1838			þλ				77								
hone: 575-988-00				E	mail: Dale.woodall@dvn.co	n		ORO											State	
mail: agiovengo@	ensolum.c	om		NM				ΣN		×	N	м со	UT AZ	TX						
eport due by:							_	0/0	y 80.	826	601	e 30				¥		×		
Time Sampled Date Sampled	Matrix	No. of Containers	Sample ID			Lab Numbe	r	TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride		верос		GDOC			Remarks	
9:20 2/2/2024	Soil	1			FS26 - 0.5'	1								х						
dditional Instruction	ons: Plea	se CC: ch	ourton@ensoli	ım.co	m, agiovengo@ensolum.con	n dale woodal	I@dv	vn cor	n ch	amil	tone	Densolur	n con	n ah	aft@	ensc	olum c	om - KE	PT ON I	`F
field sampler), attest to t	ne validity and	d authenticit	ty of this sample. I a	am aware	e that tampering with or intentionally r . Sampled by: E4h	nislabelling the sam	ole loc		11, C11		Sample		ermal pr	eservat	tion mus	st be rec	ceived on i	ice the day ti	hey are samp	
linquished by: (Signati		Date Date	2/24 07		Received by: (Signature) Michille Cury Received by: (Signature)		14	Time	70		Rece	eived on	ice:	/	b Us N	e Onl	y			
	ush	Date	3-24 Time	100	Received by: (Signature)	Date Date	74	Time	12		<u>T1</u>	Temp °C	- (T2 +			<u>T3</u>	}		



or disposed of at the client expense. The report for the analysis of the above on the report.

Printed: 2/4/2024 3:54:37PM

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:	02/03/24	14:50	Work Order ID:	E402047
Phone:	(505) 382-1211	Date Logged In:	02/02/24	17:45	Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com	Due Date:	02/09/24	17:00 (4 day TAT)		
C1 • •						
	f Custody (COC)		37			
	he sample ID match the COC? he number of samples per sampling site location mat	oh the COC	Yes			
	samples dropped off by client or carrier?	cii ule COC	Yes			
	ne COC complete, i.e., signatures, dates/times, reques	-4 - 4 1 O	Yes Yes	Carrier: Courier		
		sted analyses?				
3. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		Yes		Comment	s/Resolution
	Turn Around Time (TAT) e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (103			
	sample cooler received?		Yes			
	was cooler received in good condition?					
•	· ·		Yes			
	ne sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
11. If yes	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes C			
	Container	<u> </u>	<u>~</u>			
_	equeous VOC samples present?		No			
	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			
		iers conceteur	103			
Field La	field sample labels filled out with the minimum info	ation				
	Sample ID?	rination.	Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
Sample 1	Preservation					
21. Does	the COC or field labels indicate the samples were pr	eserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved m	netals?	No			
Multiph	ase Sample Matrix					
_	the sample have more than one phase, i.e., multiphas	se?	No			
	s, does the COC specify which phase(s) is to be analy		NA			
		, 250.	1471			
	ract Laboratory	0	3.7			
	amples required to get sent to a subcontract laborator	-	No			
29. was	a subcontract laboratory specified by the client and if	so wno?	NA	Subcontract Lab: NA		
Client I	<u>nstruction</u>					

Date

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



APPENDIX F

Email Correspondence

From: Ashley Giovengo
To: Ethan Haft

Subject: FW: [EXTERNAL] RE: Extension Request - Devon Energy - Mizer 11 Fed Com 1 - Incident Number

nAPP2327624998

Date: Thursday, February 15, 2024 1:53:18 PM

Attachments: image001.png

image002.png image003.png image004.png Outlook-kcvlhfly.png



Ashley Giovengo

Senior Scientist 575-988-0055 Ensolum, LLC

From: Velez, Nelson, EMNRD < Nelson. Velez@emnrd.nm.gov>

Sent: Friday, January 5, 2024 9:26 AM

To: Ashley Giovengo <agiovengo@ensolum.com>; Enviro, OCD, EMNRD

<OCD.Enviro@emnrd.nm.gov>

Cc: Woodall, Dale <dale.woodall@dvn.com>; Cole Burton <cburton@ensolum.com>; Ethan Haft <ehaft@ensolum.com>; Chad Hamilton <chamilton@ensolum.com>

Subject: Re: [EXTERNAL] RE: Extension Request - Devon Energy - Mizer 11 Fed Com 1 - Incident

Number nAPP2327624998

You don't often get email from nelson.velez@emnrd.nm.gov. Learn why this is important

[**EXTERNAL EMAIL**]

Good morning Ashley,

My apology for not responding to you in a timely fashion. I've approved the time extension to have a remediation due date of April 1, 2024 on January 3, 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 | <u>nelson.velez@emnrd.nm.gov</u>

http://www.emnrd.state.nm.us/OCD/



From: Ashley Giovengo agiovengo@ensolum.com>

Sent: Friday, January 5, 2024 9:06 AM

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

<Nelson.Velez@emnrd.nm.gov>

Cc: Woodall, Dale <<u>dale.woodall@dvn.com</u>>; Cole Burton <<u>cburton@ensolum.com</u>>; Ethan Haft <<u>ehaft@ensolum.com</u>>; Chad Hamilton <<u>chamilton@ensolum.com</u>>

Subject: [EXTERNAL] RE: Extension Request - Devon Energy - Mizer 11 Fed Com 1 - Incident Number nAPP2327624998

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

Please see the corrected extension deadline below.

All,

Devon Energy Production Company (Devon) is requesting an extension for the current deadline of December 31, 2023, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Mizer 11 Fed Com 1 (Incident Number nAPP2327624998). The release occurred on October 02, 2023, and initial site assessment and delineation activities have been completed. In order to determine depth to water at the Site, Devon will contract a licensed well driller to complete a depth to water boring within the next 90 days. The well log and file will be submitted to the New Mexico Office of the State Engineer (NMOSE) and included in the remediation work plan or closure report. Devon will submit a remediation work plan or closure report, following remediation efforts and confirmation sampling. Devon respectfully requests an extension until March 31, 2024.

Thanks,



From: Ashley Giovengo

Sent: Friday, December 29, 2023 2:21 PM

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

<Nelson.Velez@emnrd.nm.gov>

Cc: Woodall, Dale <<u>dale.woodall@dvn.com</u>>; Cole Burton <<u>cburton@ensolum.com</u>>; Ethan Haft

<<u>ehaft@ensolum.com</u>>; Chad Hamilton <<u>chamilton@ensolum.com</u>>

Subject: Extension Request - Devon Energy - Mizer 11 Fed Com 1 - Incident Number

nAPP2327624998

All,

Devon Energy Production Company (Devon) is requesting an extension for the current deadline of December 31, 2023, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Mizer 11 Fed Com 1 (Incident Number nAPP2327624998). The release occurred on October 02, 2023, and initial site assessment and delineation activities have been completed. In order to determine depth to water at the Site, Devon will contract a licensed well driller to complete a depth to water boring within the next 90 days. The well log and file will be submitted to the New Mexico Office of the State Engineer (NMOSE) and included in the remediation work plan or closure report. Devon will submit a remediation work plan or closure report, following remediation efforts and confirmation sampling. Devon respectfully requests an extension until March 31, 2023.

Thanks,



Chad Hamilton

From: Ashley Giovengo

Sent: Thursday, March 28, 2024 7:59 AM

To: Chad Hamilton

Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application,

Application ID: 309513



From: Woodall, Dale <Dale.Woodall@dvn.com>

Sent: Tuesday, January 30, 2024 1:15 PM

To: Ashley Giovengo <agiovengo@ensolum.com>

Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 309513

[**EXTERNAL EMAIL**]

Dale Woodall

Environmental Professional
Hobbs, NM

Office: 575-748-1838 Mobile: 405-318-4697 Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

Sent: Tuesday, January 30, 2024 1:13 PM **To:** Woodall, Dale < <u>Dale.Woodall@dvn.com</u>>

Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 309513

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2327624998.

The sampling event is expected to take place:

When: 02/02/2024 @ 09:00

Where: D-11-19S-31E 275 FNL 50 FWL (32.68153,-103.8485107)

Additional Information: Ashley Giovengo

Senior Engineer 575-988-0055 Ensolum, LLC

Additional Instructions: 32.68153° N, -103.8485107° W

D-11-19S-31E

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

• Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505

Confidentiality Warning: This message and any attachments are intended only for the use of the intended recipient(s), are confidential, and may be privileged. If you are not the intended recipient, you are hereby notified that any review, retransmission, conversion to hard copy, copying, circulation or other use of all or any portion of this message and any attachments is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, and delete this message and any attachments from your system.

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 331906

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	331906
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2327624998
Incident Name	NAPP2327624998 MIZAR 11 FED COM 1H @ 30-015-41964
Incident Type	Oil Release
Incident Status	Deferral Request Received
Incident Well	[30-015-41964] MIZAR 11 FED COM #001H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MIZAR 11 FED COM 1H
Date Release Discovered	10/02/2023
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 Pipeline (Any) Crude Oil Released: 7 BBL Recovered: 5 BBL Lost: 2 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	a PINHOLE WAS FOUND ON TUBING BY THE WELLHEAD THAT CAUSED FLUID TO FLOW ONTO THE GROUND. THE SPILL WAS ISOLATED, TUBING CLOSED, CLOSED THE CASING AND BOP RAMS. SPILL WAS ON THE GROUND AND NOT IN A LINED CONTAINMENT. SPILL DID NOT GO OFFSITE.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

<u>District IV</u> 1220 S. St Francis Dr., Santa Fe, NM 87505

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 331906

Phone:(505) 476-3470 Fax:(505) 476-3462	
OUEST	IONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 331906 Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	liation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases 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 rt 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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

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 331906

QUESTIONS (continued)

Ope	rator:	OGRID:
	DEVON ENERGY PRODUCTION COMPANY, LP	6137
	333 West Sheridan Ave.	Action Number:
	Oklahoma City, OK 73102	331906
		Action Type:
		[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	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	Between 1 and 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Greater than 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provi	rided to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contan	mination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each	ı, in milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 CI B)	14800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1611
GRO+DRO (EPA SW-846 Method 8015M)	1060
BTEX (EPA SW-846 Method 8021B or 8260B)	2472
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes cor which includes the anticipated timelines for beginning and completing the remediation.	impleted 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	01/17/2024
On what date will (or did) the final sampling or liner inspection occur	02/02/2024
On what date will (or was) the remediation complete(d)	02/02/2024
What is the estimated surface area (in square feet) that will be reclaimed	700
What is the estimated volume (in cubic yards) that will be reclaimed	285
What is the estimated surface area (in square feet) that will be remediated	4763
What is the estimated volume (in cubic yards) that will be remediated	216
These estimated dates and measurements are recognized to be the best guess or calculation	on 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 adjus	sted 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.

District I

1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 **District II**

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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 331906

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	331906
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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	R360 Artesia LLC LANDFARM [fEEM0112340644]	
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.	

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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com

Date: 04/10/2024

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 331906

QUESTIONS (continued)

OGRID:

DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	331906
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)
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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Pumpjack, wellhead, and Process piping
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	700
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	285
	ediately under or around production equipment such as production tanks, wellheads and pipelines where ion may be deferred with division written approval until the equipment is removed during other operations, or wher
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-015-41964 MIZAR 11 FED COM #001H
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed which includes the anticipated timelines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC
to report and/or file certain release notifications and perform corrective actions for rel the OCD does not relieve the operator of liability should their operations have failed to	y knowledge and understand that pursuant to OCD rules and regulations all operators are required leases which may endanger public health or the environment. The acceptance of a C-141 report by a adequately investigate and remediate contamination that pose a threat to groundwater, surface ort 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: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com

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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 331906

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	331906
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	309513	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/02/2024	
What was the (estimated) number of samples that were to be gathered	2	
What was the sampling surface area in square feet	400	

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	No	

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CONDITIONS

Action 331906

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	331906
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Deferral Request Approved. This deferral request indicates the impacted soil remaining in place is laterally defined by excavation floor sample FS26 and sidewall soil sampl SW02 and is vertically defined by pothole sample PH04 at 11 feet bgs at the southern edge of the deferral rea. The estimated area of remaining impacted soil measures an area of approximately 700 square feet, and a total of approximately 285 cubic yards of impacted oil remained in place, assuming a depth of 11 feet bgs based on laboratory analytical results, until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	5/2/2024
crystal.walker	Upon Remediation of the location Per 19.15.29.13.D.1 The reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA method 300.0, or other test methods approved by the division.	5/2/2024