

December 18, 2024

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

Re: Deferral Request

Spica 25 Federal #004H

Incident Number nAPP2409940657

Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Devon Energy Production Company, LP (Devon), has prepared this *Deferral Request* to document assessment, excavation, and soil sampling activities at the Spica 25 Federal #004H (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following a release of crude oil on to the well pad and an adjacent off-pad area to the north and east of the pad at the Site. Based on field observations, field screening activities, and soil sample laboratory analytical results, Devon is submitting this *Deferral Request*, describing Site assessment, delineation and excavation activities that have occurred to date and requesting deferral of final remediation for Incident Number nAPP2409940657 until the Site is reconstructed and/or the well pad is abandoned.

SITE CHARACTERIZATION AND RELEASE SUMMARY

The Site is located in Unit A, Section 26, Township 19 South, Range 31 East, in Eddy County, New Mexico (32.638033°, -103.832220°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM).

On April 7, 2024, a model 30 PS/UL pop off valve failed in a production tank, resulting in the release of approximately 69.3 barrels (bbls) of crude oil in and misting an area outside of the lined tank battery containment. A vacuum truck was immediately dispatched to the Site to recover free-standing fluids; 63 bbls of crude oil were recovered from within the lined containment. Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) via web portal on April 9, 2024. The release was assigned Incident Number nAPP2409940657. A 48-hour advance notice of liner inspection was provided via email to the New Mexico Oil Conservation Division (NMOCD) District II Office on November 18, 2024. A liner integrity inspection was conducted by Ensolum personnel following fluid recovery on November 21,2024. Upon inspection, the liner was determined to be insufficient. Two holes were found in the lined secondary containment which allowed crude oil to impact the soil under the containment area.



SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess the applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). 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-01939 POD1 with a depth to water measurement greater than 55 feet below ground surface (bgs). The well is located 0.27 miles south of the Site and the most recent documented water level measurement was collected on April 6, 2023. All wells used for depth to groundwater determinations are depicted on Figure 1 and the referenced well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is a freshwater pond, located approximately 1.55 miles north of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (low potential karst designation area). Site receptors are identified on Figure 1.

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

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

SITE ASSESSMENT ACTIVITIES

On April 12, 2024, Ensolum personnel visited the Site to evaluate the release extent and collect lateral delineation samples. Eight lateral delineation soil samples (SS01 through SS08) were collected around the tank battery containment at the ground surface level. The soil samples were field screened for TPH utilizing a PetroFLAG® soil analyzer system and chloride using the MOHR method titration. The soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted in Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included as Appendix B.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. 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 Standard Method SM4500.



DELINEATION ACTIVITIES

On May 24, 2024, Ensolum personnel returned to the Site to conduct delineation activities. Six boreholes (BH01 through BH06) were advanced in the impacted areas on and off-pad. Boreholes BH01 through BH06 were advanced via hand auger; boreholes BH05 and BH06 were advanced to a depth of 1-foot bgs, borehole BH04 was advanced to a depth of 2 feet bgs, borehole BH01 was advanced to a depth of 4 feet bgs, and boreholes BH02 and BH03 were advanced to a depth of 8 feet bgs. Soil from the boreholes was field screened for chloride and TPH utilizing Hach® Chloride QuanTab® Test Strips and a PetroFLAG® soil analyzer system, respectively. Refusal was encountered throughout the Site at depths ranging from 4 feet to 8 feet bgs.

On July 18, 2024, Ensolum personnel returned to the Site to resample in the vicinity of lateral delineation soil sample SS06 and boreholes BH01 through BH03. The original samples contained a elevated concentrations of chloride just above the Closure Criteria. Ensolum personnel stepped out 2 feet from the original sample location and delineation soil sample SS06A was collected. Delineation boreholes that had previously hit refusal were advanced further via backhoe. Borehole BH01 was advanced to 7 feet bgs, borehole BH02 was advanced to 9 feet bgs, and borehole BH03 was advanced to 12 feet bgs. Soil samples from the delineation sampling events conducted on May 24 and July 18, 2024, were handled and analyzed in the same manner as previously described. Field screening results and observations from the boreholes were logged on lithologic/soil sampling logs, which are included in Appendix C. Discrete delineation soil samples were collected at each foot from BH01 through BH06 beginning at ground surface to their terminal depths and submitted for laboratory analysis.

On October 3, 2025, and November 11, 2025, Ensolum personnel collected delineation boreholes BH07 and BH08 in the vicinity of the Site deferral areas. Borehole BH07 and BH08 were advanced via hand auger to depths of 4 feet and 3 feet bgs, respectively. The soil samples were field screened for TPH and chloride. All samples were handled and analyzed following the same procedures as described above.

On November 21,2024, Ensolum personnel visited the Site to conduct a liner integrity inspection and delineation. Ensolum personnel verified the presence of two tears in the containment liner and it was determined the liner was insufficient and did not have the ability to contain the release in question. Two boreholes, BH09 and BH10, were advanced via hand auger to a depth of 3 feet bgs. The soil samples were field screened for TPH and chloride. All samples were handled and analyzed following the same procedures as described above. The soil sample locations were mapped utilizing a handheld GPS unit and are depicted in Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included as Appendix B.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for lateral delineation soil samples SS01 through SS06A, collected around the perimeter of the release area, indicated all COC concentrations were compliant with Site Closure Criteria and reclamation requirement at ground surface except for SS06, which was recollected as SS06A. Results for boreholes BH01 through BH03 and BH05 indicated all concentrations for TPH exceeded Site Closure Criteria at ground surface but were in compliance with the Site Closure Criteria at 4 feet bgs. Boreholes BH04 and BH06 were in compliance with Site Closure Criteria and reclamation requirements at ground surface and 1-foot bgs, respectively. Laboratory analytical results are summarized in Table 1 and the complete laboratory analytical reports are included as Appendix D.



EXCAVATION ACTIVITIES

Beginning on October 21, 2024, Ensolum personnel oversaw the excavation of impacted soil from the release area outside of the lined tank battery containment. Excavation activities were performed via hydro-vac, tracked excavator, front end loader, and hand crew to depths ranging from ground surface to 5 feet bgs. To direct excavation activities, soil was field screened for chloride as previously described above. Photographic documentation is included in Appendix B.

Following removal of impacted soil, 5-point composite soil samples were collected every 400 square feet from the floor of the excavation. A confirmation sampling variance was approved by NMOCD on October 18, 2024. The 5-point composite soil samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag, and homogenizing the samples by thoroughly mixing. Composite soil samples (FS01 through FS151) were collected from the floor of the excavation. Sidewall samples (SW01 through SW11) were collected from the walls of the excavation area every 200 square feet that exceeded 1-foot bgs and were not adjacent to surround floor composite samples at depths ranging from ground surface to 5 feet bgs. The soil samples were handled and analyzed as previously described. The excavation extent and excavation soil sample locations were mapped utilizing a handheld GPS unit and are depicted on Figure 3.

A total of approximately 3,458 cubic yards of soil were removed during excavation activities. The impacted soil was transported and properly disposed of at the R360 Disposal Facility in Hobbs, New Mexico.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all excavation floor soil samples, except FS07 and FS26, collected at depths ranging from ground surface to 5 feet bgs, and for sidewall soil samples SW01 through SW11, collected from ground surface to 5 feet bgs, indicated all COC concentrations were compliant with the Site Closure Criteria for the samples collected on pad and the reclamation requirement for those collected in the top 4 feet of soil located off-pad. Samples FS07 and FS26 exceeded Site Closure Criteria for GRO+DRO and Total TPH but were located directly beneath and around active production equipment and were excavated to the maximum extent practicable (MEP) without jeopardizing the structural integrity of surrounding production equipment. Laboratory analytical results are summarized in Tables 2 and 3 and the complete laboratory analytical reports are included as Appendix D.

DEFERRAL REQUEST

Devon is requesting deferral of final remediation due to the presence of active production equipment and surface pipelines within and immediately surrounding the lined containment. Impacted soil is limited to the area immediately beneath the lined containment and active production equipment, where remediation would require a major facility deconstruction.

Impacted soil remaining in place beneath the liner and production equipment, which is delineated vertically by delineation soil samples BH07 through BH10, collected to a depth of 3 feet bgs, and laterally by delineation soil samples SS07, SS08, floor sample areas FS23, FS25, FS27 FS28, FS31, FS30, and Sidwall samples SW06, SW07 through SS06A, collected at the ground level. Laboratory analytical results from sidewall soil samples SW01 through SW11 confirm the presence of impacted and waste containing soil is limited to beneath the lined tank battery containment and surrounding production equipment. Approximately 343 cubic yards of chloride impacted soil remains in place beneath the containment liner based on a 3-foot depth determined through delineation and confirmation soil sampling. The remaining impacted soil outside of containment beneath production equipment is



approximately 56 cubic yards and extends to a depth of 2 feet bgs based on delineation soil samples BH07 and BH08. The impacted soil volume estimate includes waste-containing soil volumes to be addressed through reconstruction of the containment or final pad reclamation.

Devon does not believe deferment will result in imminent risk to human health, the environment, or groundwater. Depth to groundwater was determined to be greater than 55 feet bgs, and the impacted soil remaining in place is limited to the area immediately beneath the liner and production equipment. The liner has been repaired by Devon and will restrict future vertical migration of residual impacts and any interactions with humans and/or wildlife.

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 nAPP2409940657 until final reclamation of the well pad or major construction, whichever comes first. Remedial actions completed to date have been protective of human health, the environment, and groundwater and deferment of impacted soil beneath the lined containment appears to be equally protective and warranting deferment. Notifications submitted to the NMOCD are included in Appendix E.

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

Sincerely,

Ensolum, LLC

Ashely Giovengo Senior Scientist

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

cc: Jim Raley, Devon

Appendices:

Figure 1	Site Receptor N	/lan
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Figure 2 Delineation Soil Sample Locations
Figure 3 Excavation Soil Sample Locations

Figure 4 Area of Requested Deferral

Table 1 Delineation Soil Sample Analytical Results
 Table 2 Confirmation Soil Sample Analytical Results
 Table 3 Sidewall Soil Sample Analytical Results

Appendix A Reference Wells Appendix B Photographic Log

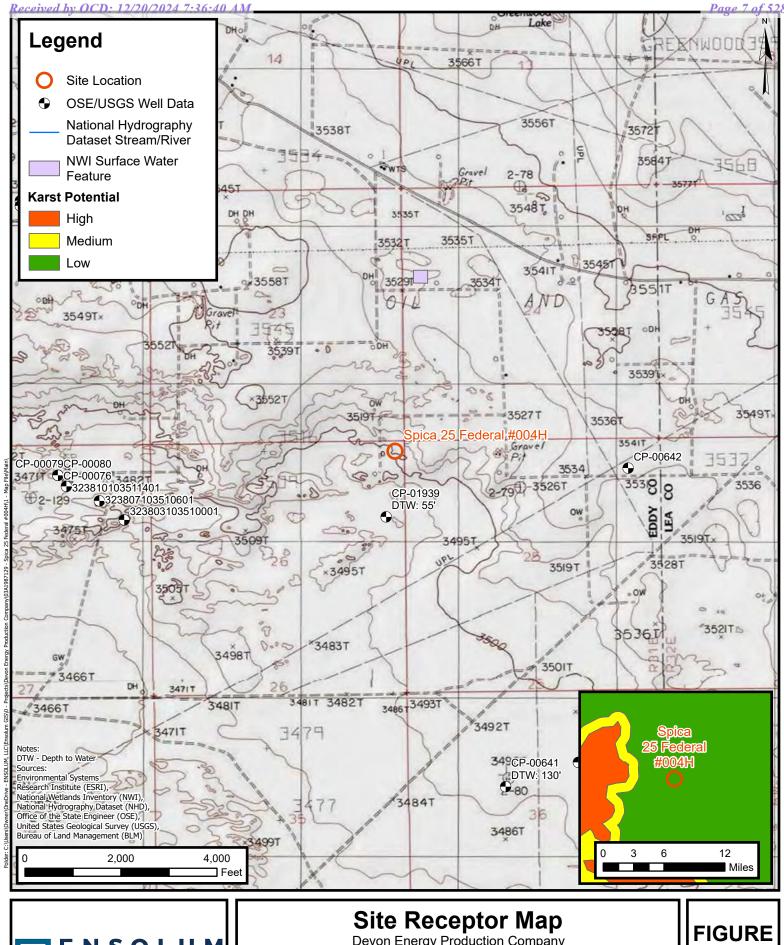
Appendix C Lithologic Soil Sampling Logs

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

Appendix E NMOCD Correspondence



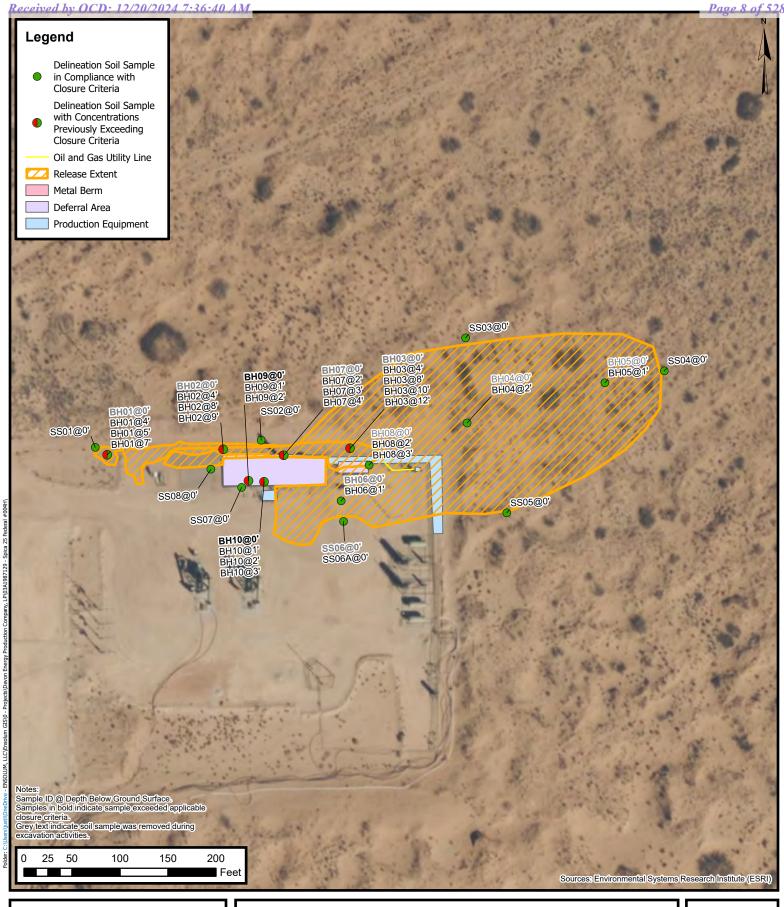
FIGURES





Devon Energy Production Company Spica 25 Federal #004H Incident Number: nAPP2409940657 Unit A, Section 26, T 19S, R 31E Eddy County, New Mexico FIGURE 1

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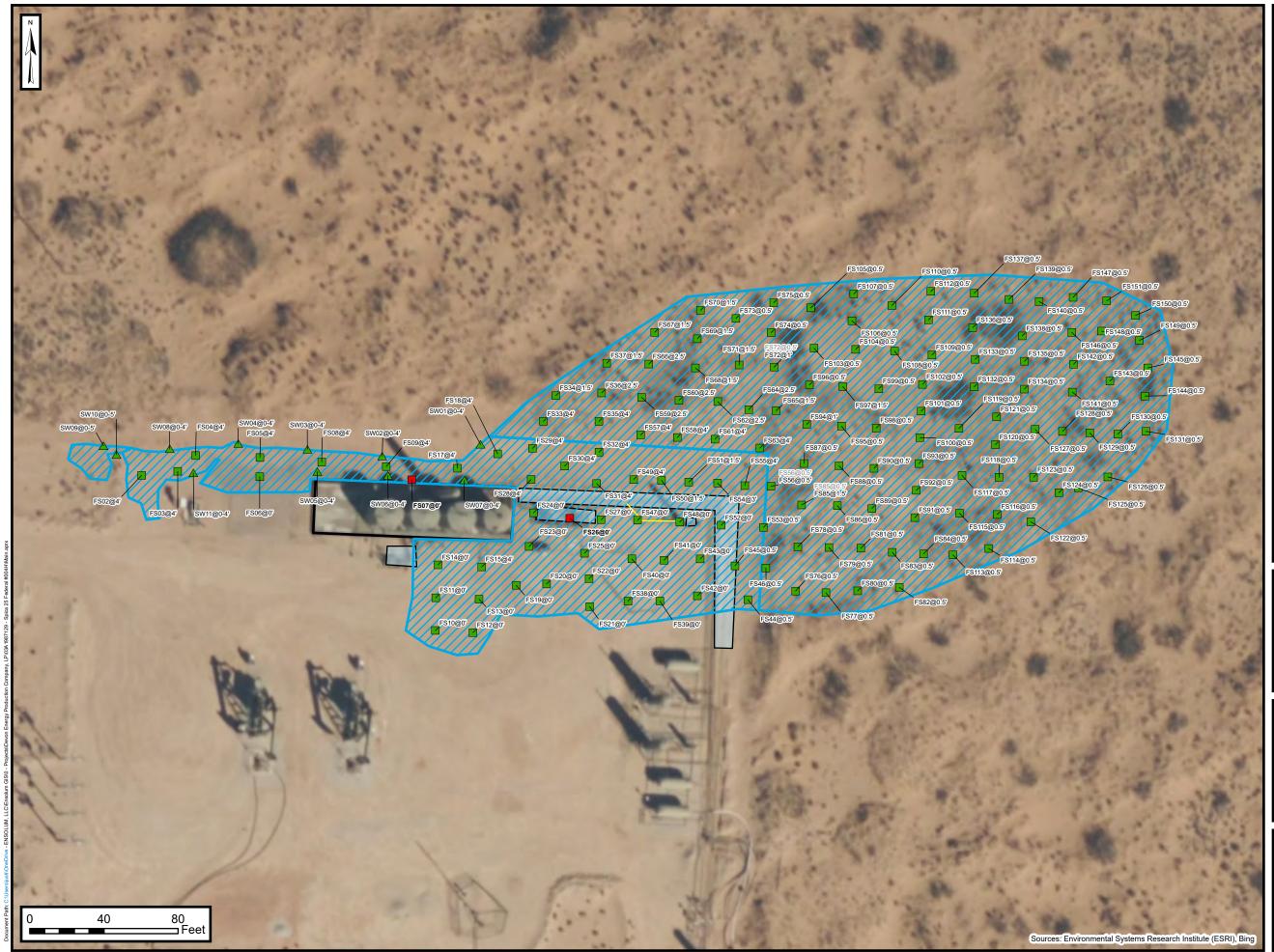




Delineation Soil Sample Locations

Devon Energy Production Company, LP Spica 25 Federal #004H Incident Number: nAPP2409940657 Unit A, Section 26, T 19S, R 31E Eddy County, New Mexico FIGURE 2

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Legend

- Excavation Floor Sample in
 Compliance with Closure
 Criteria
- Excavation Sidewall Sample in
 Compliance with Closure
 Criteria
- Excavation Floor Sample with Concentrations Exceeding Closure Criteria

Oil and Gas Utility Line

Excavation Extent

Metal Berm

Production Equipment

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

Confirmation Sample Locations

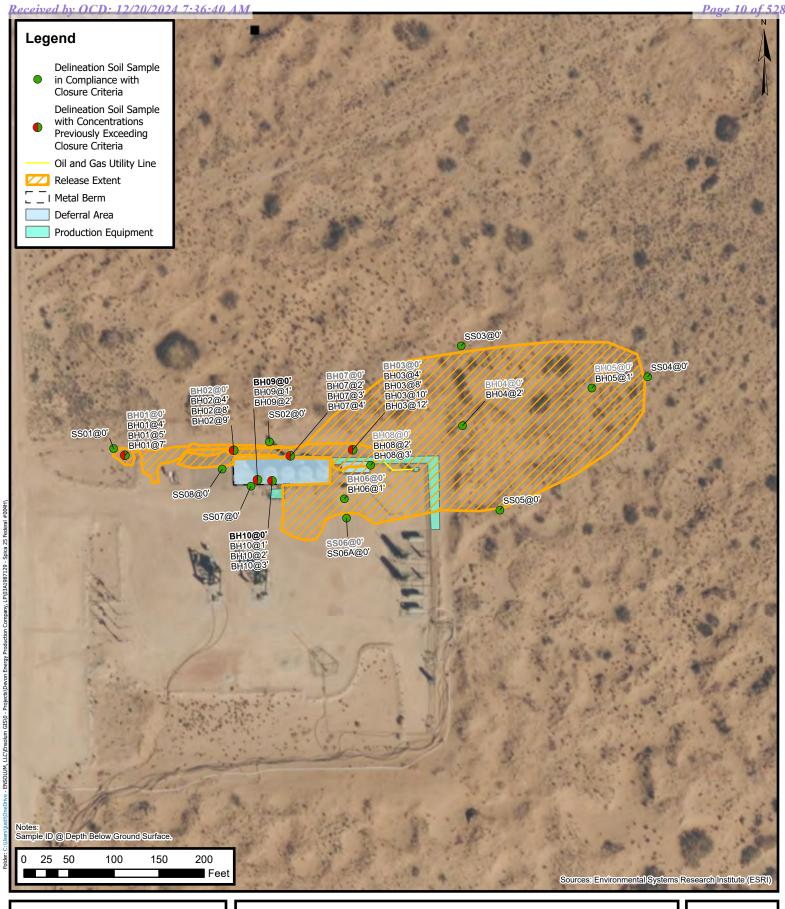
Spica 25 Federal #004H Devon Energy Production Company, LP Unit M, Section 25, T 19S, R 31E Eddy County, NM

FIGURE

3

Project Number: 03A1987129







Area of Requested Deferral

Devon Energy Production Company, LP Spica 25 Federal #004H Incident Number: nAPP2409940657 Unit A, Section 26, T 19S, R 31E Eddy County, New Mexico FIGURE 4



TABLES



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Spica 25 Federal #004H

Devon Energy Production Company, LP

Eddy 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)		
MOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000		
				Delin	eation Soil Sar	nples		<u>'</u>				
SS01	4/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0		
SS02	4/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0		
SS03	4/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0		
SS04	4/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0		
SS05	4/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0		
SS06	4/12/2024	0	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	615		
SS06A	5/24/2024	0	0.0795	5.7095	21	34.6	<50.0	55.6	55.6	73.9		
SS07	4/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	26.4		
SS08	4/12/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	84.9		
BH01	5/24/2024	0	1.430	302.73	2,140	14,900	6,670	8,810	23,710	<20.0		
BH01	5/24/2024	4	<0.0250	0.9960	<20.0	797	493	797	1,290	<20.0		
BH01	7/18/2024	5	0.147	0.714	<20.0	567	161	567	728	26.5		
BH01	7/18/2024	7	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0		
BH02	5/24/2024	0	8.360	574	3,220	26,000	11,500	29,220	40,720	21.6		
BH02	5/24/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<25.0	<50.0	136		
BH02	5/24/2024	8	<0.0250	<0.0500	<20.0	266	187	266	453	<20.0		
BH02	7/18/2024	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	78.2		
BH03	5/24/2024	0	< 0.0250	< 0.0500	1,650	6,300	3,350	7,950	11,300	59.6		
BH03	5/24/2024	4	<0.0250	<0.0500	<20.0	63.1	75	63.1	138.1	3,020		
BH03	5/24/2024	8	<0.0250	<0.0500	<20.0	82.8	73.7	82.8	156.5	236		
BH03	7/18/2024	10	<0.0250	<0.0500	<20.0	26.7	<50.0	26.7	26.7	647		
BH03	7/18/2024	12	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	469		
BH04	5/24/2024	0	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0		
BH04	5/24/2024	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0		
BH05	5/24/2024	0	<0.0250	< 0.0500	<20.0	60.7	73.6	60.7	134.3	<20.0		
BH05	5/24/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0		
BH06	5/24/2024	0	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	63.2		
BH06	5/24/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	58.9		



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Spica 25 Federal #004H

Devon Energy Production Company, LP

Eddy County, New Mexico

				Luuy	County, New IVI	EXICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Delin	eation Soil San	nples				
BH07	10/30/2024	0	< 0.0250	0.2043	<20.0	14,100	5,670	14,100	19,770	87.7
BH07	10/30/2024	2	< 0.0250	0.1179	27	44.7	<50.0	71.7	71.7	43.4
BH07	10/30/2024	3	< 0.0250	0.0398	<20.0	<25.0	<50.0	<20.0	<20.0	152
BH07	10/30/2024	4	<0.0250	0.0516	<20.0	<25.0	<50.0	<20.0	<20.0	332
BH08	11/8/2024	0	< 0.0250	< 0.0500	<20.0	204	141	204	345	138
BH08	11/8/2024	2	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	164
BH08	11/8/2024	3	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	365
BH09	11/21/2024	0	< 0.0250	5.415	139	14,700	8,150	14,839	22,989	29.8
BH09	11/21/2024	1	< 0.0250	< 0.0500	<20.0	65.5	75.8	65.5	141.3	295
BH09	11/21/2024	2	< 0.0250	<0.0500	<20.0	50.9	<50.0	50.9	50.9	72.7
BH10	11/21/2024	0	< 0.0250	< 0.0500	91.3	5,270	2,820	5,361	8,181	47.1
BH10	11/21/2024	1	< 0.0250	0.0785	30.8	1,270	555	1,301	1,856	47.1
BH10	11/21/2024	2	< 0.0250	<0.0500	<20.0	424	209	424	633	74.2
BH10	11/21/2024	3	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	40.3

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

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in both exceed the twinoob rabile rollsaire official of reclamation standard where applicable.

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



TABLE 2 **SOIL SAMPLE ANALYTICAL RESULTS**

Spica 25 Federal #004H **Devon Energy Production Company, LP**

Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Excavat	ion Floor Soil S	Samples				
FS01	11/8/2024	5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	23.3
FS02	11/8/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	26.3
FS03	11/8/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	63.5
FS04	11/8/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS05	10/25/2024	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	20.2
FS06	10/29/2024	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	35.8
FS07	11/7/2024	0	<0.0250	<0.0500	<20.0	2,830	1,170	2,830	4,000	2,190
FS08	10/25/2024	4	< 0.0250	<0.0500	<20.0	82.2	52.1	82.2	134.3	58
FS09	10/25/2024	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS10	10/29/2024	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	261
FS11	10/29/2024	0	< 0.0250	<0.0500	<20.0	76.4	64.8	76.4	141.2	418
FS12	10/29/2024	0	< 0.0250	<0.0500	<20.0	99.0	113	99.0	212	594
FS13	10/29/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,740
FS14	10/29/2024	0	<0.0250	<0.0500	<20.0	34.9	<50.0	34.9	34.9	432
FS15	10/25/2024	4	<0.0250	<0.0500	<20.0	42.6	<50.0	42.6	42.6	1,900
FS16	11/7/2024	0	<0.0250	<0.0500	<20.0	76.3	<50.0	76.3	76.3	2,180
FS17	10/25/2024	4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	23.2
FS18	10/25/2024	4	<0.0250	<0.0500	<20.0	45.4	<50.0	45.4	45.4	430
FS19	10/25/2024	0	<0.0250	<0.0500	<20.0	27.1	<50.0	27.1	27.1	979
FS20	10/25/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,430
FS21	10/25/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	94.8
FS22	10/25/2024	0	<0.0250	<0.0500	<20.0	115	97.2	115	212.2	589
FS23	11/7/2024	0	<0.0250	<0.0500	<20.0	657	525	657	1,182	2,130
FS24	11/7/2024	0	<0.0250	<0.0500	<20.0	194	240	194	434	1,140
FS25	10/25/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	147
FS26	11/7/2024	0	<0.0250	<0.0500	<20.0	3,460	2,190	3,460	5,650	308
FS27	11/7/2024	0	<0.0250	<0.0500	<20.0	181	168	181	349	168
FS28	10/24/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	3,380
FS29	10/24/2024	4	< 0.0250	<0.0500	<20.0	92.2	76	92.2	168.2	41.9



TABLE 2 **SOIL SAMPLE ANALYTICAL RESULTS** Spica 25 Federal #004H

Devon Energy Production Company, LP

Eddy County, New Mexico											
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)	
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000	
				Excava	tion Floor Soil S	Samples					
FS30	10/25/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	89.6	
FS31	10/24/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,180	
FS32	10/24/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0	
FS33	10/25/2024	4	<0.0250	<0.0500	<20.0	66.8	<50.0	66.8	66.8	<20.0	
FS34	11/5/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0	
FS35	10/25/2024	4	<0.0250	<0.0500	<20.0	65.3	<50.0	65.3	65.3	28.8	
FS36	11/6/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0	
FS37	11/5/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0	
FS38	10/25/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	438	
FS39	10/25/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	713	
FS40	10/25/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	781	
FS41	10/25/2024	0	<0.0250	<0.0500	<20.0	38.1	<50.0	38.1	38.1	735	
FS42	10/25/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,530	
FS43	10/25/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	3,620	
FS44	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0	
FS45	11/5/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0	
FS46	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0	
FS47	11/7/2024	0	< 0.0250	<0.0500	<20.0	327	216	327	543	1,020	
FS48	11/7/2024	0	<0.0250	<0.0500	<20.0	39.1	<50.0	39.1	39.1	2,760	
FS49	10/24/2024	4	< 0.0250	<0.0500	<20.0	124	83	124	207	128	
FS50	11/4/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	22.0	
FS51	11/4/2024	1.5	<0.0250	<0.0500	<20.0	50.1	<50.0	50.1	50.1	31.2	
FS52	11/7/2024	0	<0.0250	<0.0500	<20.0	85.8	72.2	158	158	158	
FS53	10/23/2024	0.5	<0.0250	<0.0500	<20.0	43.8	50.8	43.8	94.6	<20.0	
FS54	11/6/2024	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0	
FS55	11/6/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0	
FS56	10/23/2024	0.5	< 0.0250	< 0.0500	<20.0	275	249	275	524	<20.0	
FS56	11/4/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	25.1	
FS57	10/24/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0	



TABLE 2 **SOIL SAMPLE ANALYTICAL RESULTS** Spica 25 Federal #004H

Devon Energy Production Company, LP

Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Excavat	ion Floor Soil S	Samples				
FS58	11/1/2024	4	<0.0250	<0.0500	<20.0	586	404	586	990	<20.0
FS59	11/6/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS60	11/6/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS61	11/1/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS62	11/6/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS63	11/1/2024	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS64	11/6/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS65	11/5/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS66	11/6/2024	2.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS67	11/6/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS68	11/6/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS69	11/6/2024	1.5	<0.0250	<0.0500	<20.0	27.4	<50.0	27.4	27.4	<20.0
FS70	11/5/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS71	11/5/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS72	10/24/2024	0.5	< 0.0250	< 0.0500	<20.0	83.2	91.6	83.2	174.8	<20.0
FS72	12/12/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS73	10/29/2024	0.5	<0.0250	<0.0500	<20.0	25.9	<50.0	25.9	25.9	<20.0
FS74	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS75	10/29/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS76	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS77	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS78	10/22/2024	0.5	<0.0250	<0.0500	<20.0	29.5	<50.0	29.5	29.5	<20.0
FS79	10/22/2024	0.5	<0.0250	<0.0500	<20.0	31.0	<50.0	31.0	31.0	<20.0
FS80	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS81	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS82	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS83	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS84	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS85	10/22/2024	0.5	<0.0250	< 0.0500	<20.0	59.5	68.2	59.5	127.7	<20.0
FS85	11/5/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0



TABLE 2 **SOIL SAMPLE ANALYTICAL RESULTS** Spica 25 Federal #004H **Devon Energy Production Company, LP**

Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Excavat	ion Floor Soil S	Samples				
FS86	10/22/2024	0.5	<0.0250	<0.0500	<20.0	28.2	<50.0	28.2	28.2	<20.0
FS87	11/5/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS88	11/5/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS89	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS90	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS91	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS92	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS93	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS94	11/7/2024	1	<0.0250	<0.0500	<20.0	26.0	<50.0	26.0	26.0	<20.0
FS95	11/5/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS96	11/4/2024	0.5	<0.0250	0.0854	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS97	11/5/2024	1.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS98	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS99	10/29/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS100	10/29/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS101	10/29/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS102	10/29/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS103	10/29/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS104	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS105	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS106	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS107	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS108	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS109	11/6/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS110	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS111	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS112	10/24/2024	0.5	<0.0250	<0.0500	<20.0	35.6	55.8	35.6	91.4	<20.0
FS113	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS114	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0



TABLE 2 **SOIL SAMPLE ANALYTICAL RESULTS** Spica 25 Federal #004H **Devon Energy Production Company, LP**

Eddy County, New Mexico										
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Excavat	ion Floor Soil S	Samples				
FS115	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS116	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS117	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS118	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS119	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS120	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS121	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS122	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS123	10/24/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS124	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS125	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS126	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS127	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS128	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS129	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS130	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS131	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS132	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS133	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS134	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS135	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS136	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS137	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS138	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS139	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS140	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS141	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS142	10/23/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS143	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0





TABLE 2

SOIL SAMPLE ANALYTICAL RESULTS

Spica 25 Federal #004H **Devon Energy Production Company, LP**

	Eddy County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
	Excavation Floor Soil Samples									
FS144	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS145	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS146	10/23/2024	0.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS147	10/23/2024	0.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS148	10/22/2024	0.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS149	10/22/2024	0.5	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS150	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
FS151	10/22/2024	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0

Notes:

bgs: below ground surface mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

[&]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 3

SOIL SAMPLE ANALYTICAL RESULTS

Spica 25 Federal #004H

Devon Energy Production Company, LP

Eddy County, New Mexico

				Euuy	County, New IVI	EXICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	1,000	2,500	10,000
				Sid	ewall Soil Sam	oles				
SW01	10/25/2024	0-4	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
SW02	10/25/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
SW03	10/30/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
SW04	10/25/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
SW05	10/31/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	83.4
SW06	10/31/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	44.2
SW07	10/31/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	24.0
SW08	11/8/2024	0-4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
SW09	11/8/2024	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
SW10	11/8/2024	0-5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0
SW11	11/8/2024	0-4	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	<20.0

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

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

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

[&]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

Referenced Well Records



P	SE POD NO. (W OD 1 (TW-1)			WELL TAG ID NO. N/A			OSE FILE NO	(S).			
	VELL OWNER N Devon Energy							PHONE (OPTI 575-748-18				
	VELL OWNER M 6488 7 Rivers		ADDRESS					CITY Artesia		STAT	88210	ZIP
	WELL LOCATION	LAT	TTUDE	EGREES 32	MINUTES 38	SECONDS 3.45	N	Walter Street	REQUIRED: ONE TE	NTH OF	A SECOND	
100		ELATIN	G WELL LOCATION TO 198 R31E NMPM	-103	49 RESS AND COMMON	57.98 LANDMARKS	W - PLS		QUIRED: WGS 84 DWNSHJIP, RANGE) W	HERE A	VAILABLE	-
L	ICENSE NO. 1249		NAME OF LICENSEE		Jackie D. Atkins				NAME OF WELL D		COMPANY ng Associates, I	ne.
D	ORILLING STAR 4/6/23	TED	DRILLING ENDED 4/6/23		MPLETED WELL (FT rary Well Materia			E DEPTH (FT) ±55	DEPTH WATER FI		COUNTERED (FT)	
c	COMPLETED WE	ELL IS:	ARTESIAN	V DRY HOL	LE SHALLOV	V (UNCONFIN	ED)		WATER LEVEL PLETED WELL	N/A	DATE STATIC	
	DRILLING FLUID: AIR DRILLING METHOD: ROTARY H			MUD		ES – SPECIFY:			. I CHEC	A NEDE	IF PITLESS ADAI	TED IS
D			ROTARY HAM	T	LE TOOL 📝 OTHE		Н	Iollow Stem	Auger INSTA	ALLED	IF FITLESS ADAI	TEKIS
	DEPTH (feet bgl) FROM TO DIAM (inches)		(include each casing string, and note sections of screen) (add con				ASING NECTION TYPE ing diameter)	CASING INSIDE DIAM. (inches)		SING WALL HICKNESS (inches)	SLOT SIZE (inche	
	0	55	±6.25		Soil Boring			-	-			1
									QSCOT AS	121	XVX all 7	×
	DEPTH (fee		BORE HOLE DIAM. (inches)	Real Property of the Control of the	ST ANNULAR SE VEL PACK SIZE-I				AMOUNT (cubic feet)		METHO PLACEM	
10	FROM	ТО	David. (menes)	GRA	POST AND VALUE	/A	INTE	KVAL	(cubic feet)		LACEN	

FOR OSE INTERNAL USE	WR-20 WELL RECORD & I	LOG (Version 01/28/2022)	
FILE NO. CP-01939	POD NO.	TRN NO. 740305	5
LOCATION 195.31E. 26. 242		WELL TAG ID NO.	PAGE 1 OF 2

PAGE 2 OF 2

WELL TAG ID NO.

	DEPTH (feet bgl)		777.5	COLOR AND TYPE OF MATERIAL ENCOUNT		TERED -	ERED - WATER		rer	ESTIMATED YIELD FOR		
4. HYDROGEOLOGIC LOG OF WELL	FROM TO		THICKNESS (feet)	INCLUDE WAT	TER-BEARING CAVITIES OR FRACTURE ZONES supplemental sheets to fully describe all units)				BEAR (YES	ING?	WATER- BEARING ZONES (gpm)	
	0	4	4	Sand, fine-grained, poorly graded, unconsolidated, Tan					Y	✓ N		
	4	20	16	Sand, fine-grain	ed, poorly grade	d, semi-consolidated	, Tan off whit	e	Y	✓ N		
	20	25	5	Clay, ser	ni plastic, with fi	ne-grained sand, gra	y/white		Y	✓ N		
	25	40	15		Clay, Stiff, semi	plastic, gray/white			Y	√ N		
	40	40 55 15		Sand, fine/very fine-grained, poorly graded, unco			olidated, Tan		Y	✓ N		
									Y	N		
								- 11	Y	N		
									Y	N		
									Y	N		
								= 11	Y	N		
								- 1	Y	N		
									Y	N		
								- 11	Y	N		
								1.0	Y	N		
									Y	N		
								- 11	Y	N		
									Y	N		
									Y	N		
									Y	N		
									Y	N		
								7 11	Y	N		
	METHOD USED TO ESTIMATE YIELD O			OF WATER-BEARIN	OF WATER-BEARING STRATA:			TOTAL	TOTAL ESTIMATED			
	PUMP AIR LIFT [BAILER OTHER – SPECIFY:				WELL	YIELD	(gpm):	0.00	
5. TEST; RIG SUPERVISION	WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUD START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE											
	MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface. 6 Regulus 26 Fed 2											
	DD II TO											
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt											
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:											
	Jack Atkins				Jackie D. Atkins				4/27/23			
	SIGNATURE OF DRILLER / PRINT SIGNE				NAME				DATE			
FO	R OSE INTERNA	AT HEE					WR-20 W	ELL RECO	RD &	LOGAVA	ersion (11/28/2022)	
		0193	59		POD NO.	1	TRN NO.	740	140305 LOG (Version 01/28/2022)			
		-						, ,,				

LOCATION 195.31E. 26.242



APPENDIX B

Photographic Log



Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657





Photograph 1 Date: 10/21/2024

Description: Lease Sign

View: North

Photograph 2 Date: 4/12/2024

Description: Release Area

View: East





Date: 4/12/2024

Photograph 3
Description: Release Area

View: West

Date: 4/12/2024 Photograph 4

r notograph 4

Description: Release Area

View: Northeast



Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657





Photograph 5 Description: Release Area

View: West

Photograph 6

Description: Release Area

View: Southwest

Date: 4/12/2024



North East Elevation © 249°SW (T) ● 32.637986, -103.831907 ±5m



Photograph 7

Description: Release Area

View: Northeast

Date: 4/12/2024

Photograph 8

Date: 5/24/2024

Date: 4/12/2024

Description: Delineation (BH06)

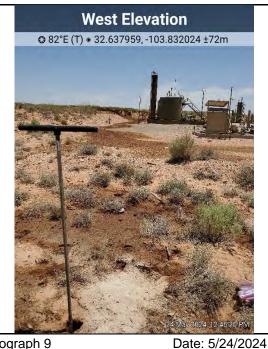
View: Southwest

ENSOLUM

Photographic Log

Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657

North Elevation



Photograph 9

Description: Delineation (BH01)

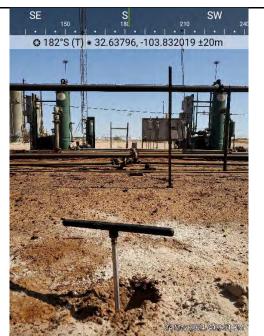
View: East



Photograph 10

Description: Delineation (BH02)

View: South



Photograph 11

Description: Delineation (BH03)

View: South



Photograph 12

Description: Delineation (BH04)

View: West

Date: 5/24/2024

Page 3 of 12

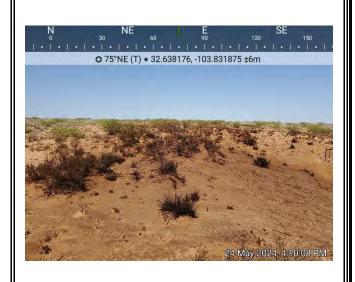
Date: 5/24/2024

ENSOLUM

Photographic Log

Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657





Photograph 13

Description: Delineation (BH05)

View: Southwest

Photograph 14

Description: Release Area

View: East





Photograph 15

Description: Release Area

View: Northeast

Photograph 16

Description: Delineation (BH01)

View: East

Date: 7/18/2024

Date: 5/24/2024

Page 4 of 12

Date: 5/24/2024



Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657





Photograph 17 Date: 10/21/2024 Photograph 18 Date: 10/21/2024

Description: Hydrovac Activities Description: Hydrovac Activities

View: Northeast View: Southwest





Photograph 19 Date: 10/21/2024 Photograph 20 Date: 10/21/2024

Description: Excavation

View: North

Description: Excavation

View: Northeast



Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657





Photograph 21 Description: Excavation

View: West

Date: 10/22/2024

Photograph 22 Description: Excavation

Date: 10/22/2024

Date: 10/21/2024

View: West





Photograph 23 Description: Excavation Area

View: North

Date: 10/23/2024

Photograph 24

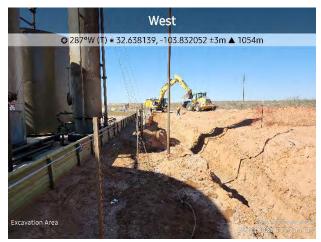
Description: Excavation

View: Southwest



Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657





Photograph 25

Description: Excavation View: West

Date: 10/24/2024

Photograph 26

Description: Excavation View: West

Date: 10/24/2024

Date: 10/25/2024





Photograph 27 Description: Excavation

View: Northwest

Date: 10/24/2024

Photograph 28

Description: Excavation

View: North



Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657





Photograph 29
Description: Excavation

escription: Excavation View: East Date: 10/25/2024

Photograph 30

Description: Excavation Area

View: Northeast





Photograph 31
Description: Excavation Area

View: Northwest

Date: 10/29/2024

Photograph 32

Description: Excavation View: Northeast

Date: 10/29/2024

Date: 10/29/2024



Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657





Photograph 33 Date: 10/30/2024 Photograph 34 Date: 10/31/2024

Description: Delineation (BH07)

Description: Excavation Area

View: East View: Northeast





Photograph 35 Date: 11/1/2024 Photograph 36 Date: 11/1/2024

Description: Excavation Area Description: Excavation
View: North View: Northwest



Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657





Photograph 37
Description: Excavation Area

View: North

Date: 11/5/2024

Photograph 38

Description: Excavation Area

View: Northwest





Photograph 39

Description: Excavation View: West

Date: 11/6/2024

Photograph 40

Description: Excavation View: West

Date: 11/6/2024

Date: 11/5/2024



Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657





Photograph 41

Description: Excavation View: West

Date: 11/7/2024

Photograph 42
Description: Excavation

View: Northwest





Photograph 43
Description: Excavation

View: West

Date: 11/8/2024

Photograph 44
Description: Excavation

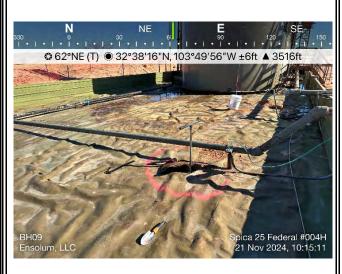
View: East

Date: 11/8/2024

Date: 11/7/2024



Devon Energy Production Company, LP Spica 25 Federal #004H nAPP2409940657





Photograph 45 Date: 11/21/2024

Description: Liner Delineation (BH09)

View: Northeast

Photograph 46 Date: 11/21/2024

Description: Liner Delineation (BH10)

View: Northeast





Photograph 47 Date: 11/21/2024

Description: Liner Patch (BH09)

View: East

Photograph 48

Description: Liner Patch (BH10)

View: East

Date: 11/21/2024

view. Las



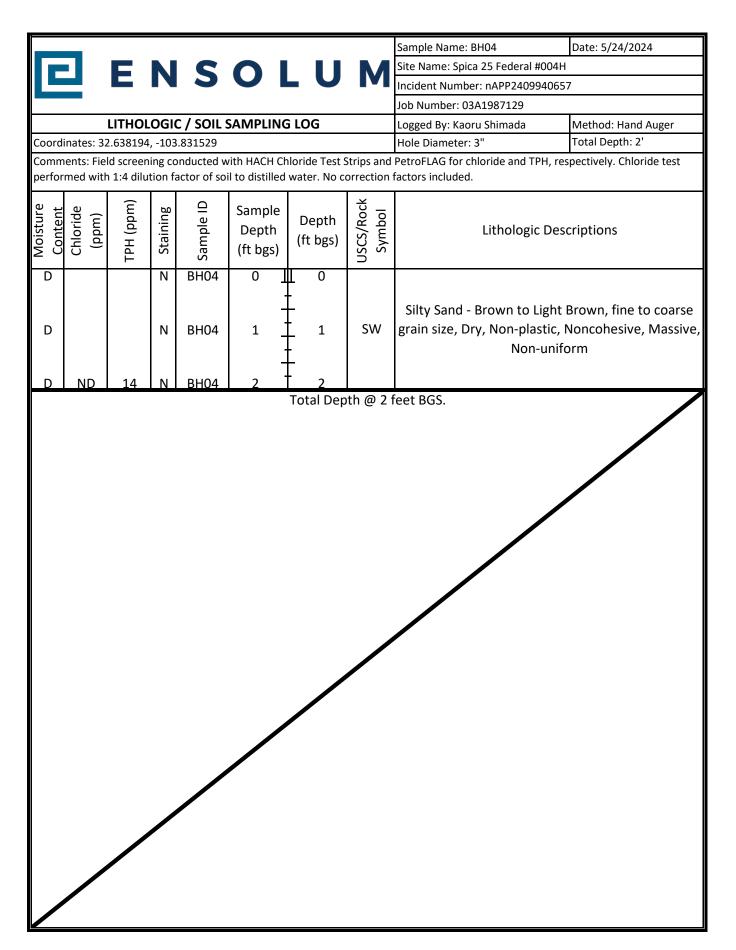
APPENDIX C

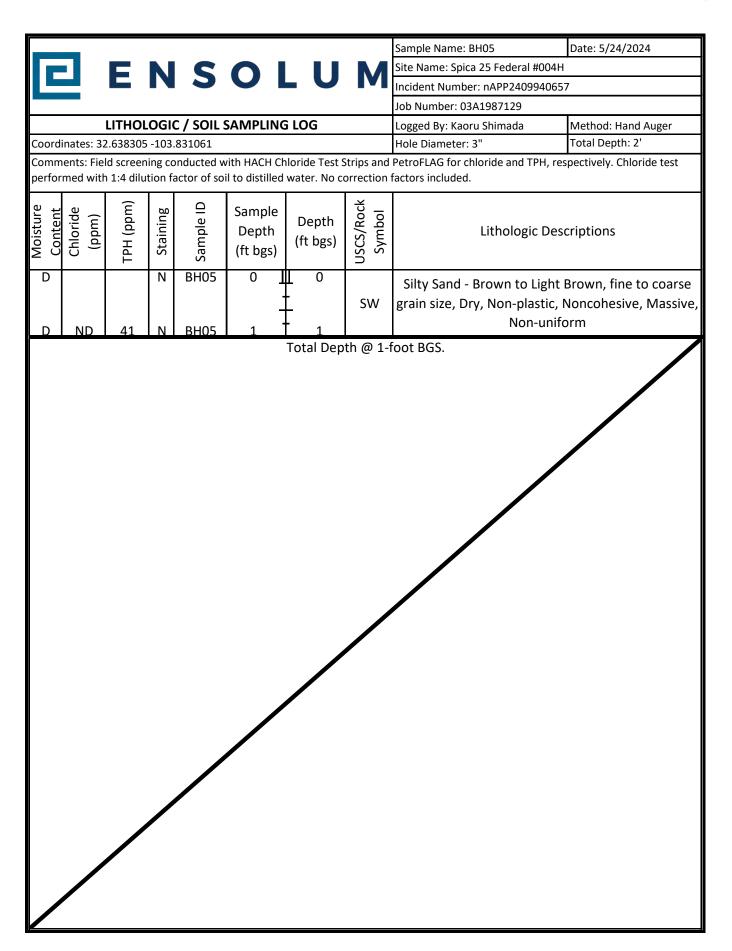
Lithologic Soil Sampling Logs

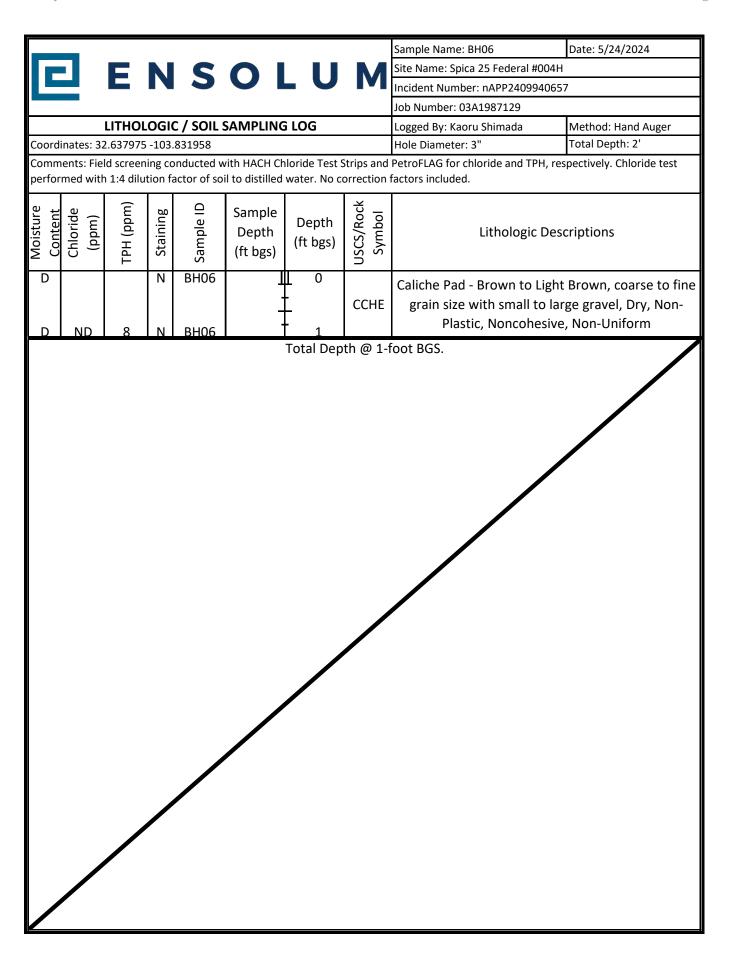
								Commis Names BUO1	Data: 07/10/2024						
1	7							Sample Name: BH01 Date: 07/18/2024 Site Name: Spica 25 Federal #004H							
			N	5	OI	LU	M	Incident Number: nAPP2409940657							
1								Job Number: 03A1987129							
		LITHOL	OGI	· / sou s	SAMPLING										
Coord	inates: 32				AIVIFLING	100	Logged By: Brandon Deal Hole Diameter: 3'	Method: Backhoe Total Depth: 7'							
					ith HACH Ch	nloride Test S	Strips and	PetroFLAG for chloride and TPH							
perfor	med with	1:4 dilu	tion fa	actor of soi	l to distilled	water. No co	orrection	factors included.							
Moisture Content	Chloride (ppm)	TPH (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic D	Descriptions						
			Υ	BH01	0]	0									
			Υ	BH01	1 _	1	SC	Clayey Sand - Strong odo very fine grain size, Noncohesive, Mas	Moist, Non-Plastic,						
			Υ	BH01	2	2									
			Υ	BH01	3 - 3 -	3	SC	Clayey Sand - Strong od fine grain size, Moist, No	on-Plastic, Noncohesive,						
		757	Υ	BH01	4 _	4		Massive, No	on-Uniform						
D			N	BH01	5 <u>-</u>	- - 5									
				BH01	6 <u>-</u>	6	ССНЕ	Caliche, Light Brown, Oo plastic, Dry, Med	dor, Non-cohesive, Non- ium grained sand						
D	<20.0	29	N	BH01	7 <u>-</u> -	7	ССНЕ	Caliche, Light Brown, Fine	e grain, Non-plastic, Non- ve, Dry						
					-	8		•							
						Total De	ptn @ /	II BGS.							

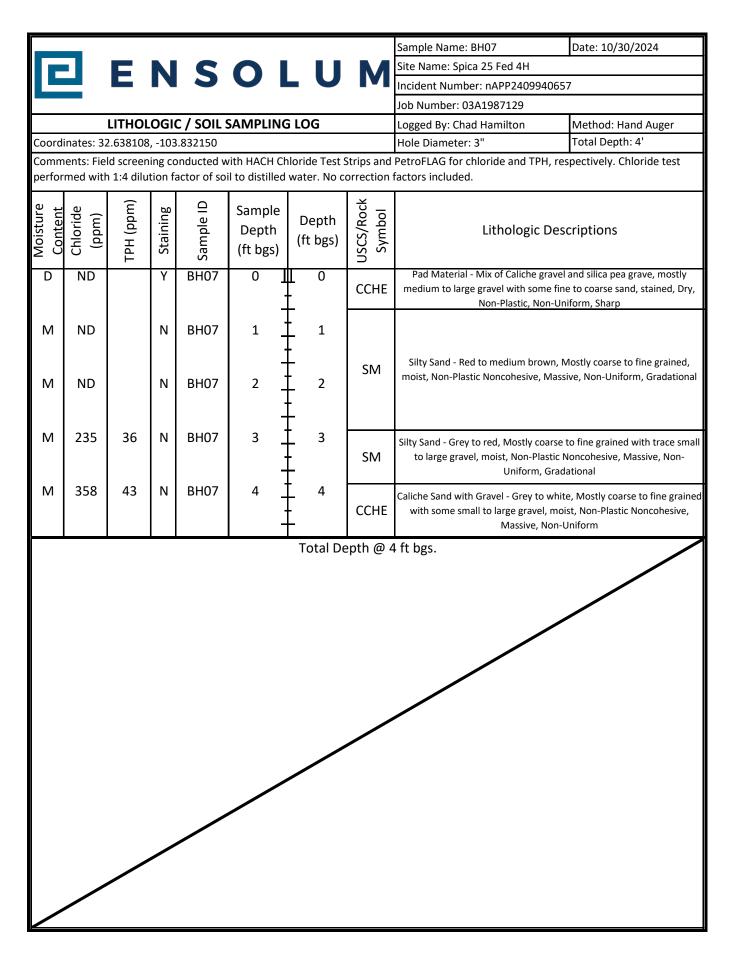
							Sample Name: BH02	Date: 07/18/2024					
						B .4							
		N	3	U	_ U	V	Incident Number: nAPP2409940657						
							Job Number: 03A1987129						
	LITHOL	OGIO	C / SOIL S	SAMPLING	Logged By: Bowan Simmons Method: Backhoe								
32.638127, -10			, , , , ,		Hole Diameter: 3'	Total Depth: 9'							
			nducted w	ith HACH Ch	loride Test S	Strips and	PetroFLAG for chloride and TPH, res						
		_					factors included.	,					
Moisture Content Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Lithologic Des	criptions							
М		Υ	BH02	0	0								
M D		Y	BH02 BH02	1 _	- - 1 - - 2	SC	Clayey Sand - Strong odor, I very fine grain size, Mo Noncohesive, Massiv	oist, Non-Plastic,					
D D		Y	BH02 BH02	3 <u>-</u> 3 <u>-</u> 4 -	- - - 3 - -		Clayey Sand - Strong odor, Black to Grey, coa						
D		Υ	вн02	5 _	- - - 5	SC	very fine grain size, Dry, Non-Plastic, Noncohesiv Massive, Non-Uniform						
D		Y	BH02 BH02	6 _ - - 7 _	- 6 - - 7	SC	Clayey Sand - Strong odor, Dark Brown, coarse to						
D		Υ	BH02	8 <u>-</u> 8 <u>-</u>	- - 8 -	30	very fine grain size, Dry, Nor Massive, Non-						
D <20.0	32	N	BH02	9 -	9	ССНЕ	Caliche, Light Brown, Fine S Non-cohesive,						
•					Total Dep	th @ 9 t	eet BGS.						

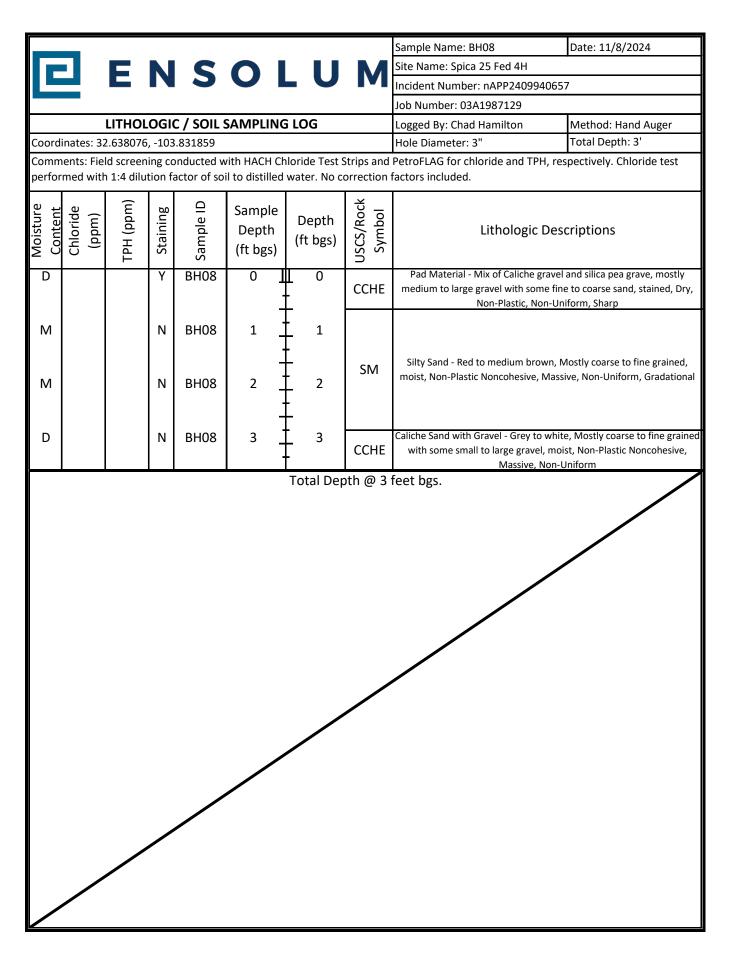
M Y BH03 1 1 SC very fine grain size, Moist, Non-Plastic, Noncohesive, Massive, Non-Uniform M Y BH03 2 2 2 D N BH03 3 3 3 3 3 D N BH03 4 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Sample Name: BH03 Date: 07/18/2024</th></t<>									Sample Name: BH03 Date: 07/18/2024						
Depth Clayey Sand - Strong odor, Dark Brown, coarse to very fine grain size, Dry, Non-Plastic, Noncohesive, Massive, Non-Uniform Depth Noncohesive, Non-Uniform Depth Noncohesive, Non-Uniform Depth Noncohesive, Non-Uniform Depth Noncohesive, Fine grain, Dry, Non-cohesive, Non-uniform, Dry, Non-cohesive,		7		NI	6			M	Site Name: Spica 25 Federal #004H						
Depth Section Sectio									Incident Number: nAPP2409940657						
Month Mont									Job Number: 03A1987129						
Comments: Field screening conducted with HACH Chloride Test Strips and PetroFLAG for chloride and TPH, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included. No. Sample Depth (ft bgs) Depth (ft bgs)			LITHOL	OGIO	C / SOIL S	SAMPLING	LOG		,						
Performed with 1-4 dilution factor of soil to distilled water. No correction factors included. Sample Depth (ft bgs)															
M Y BH03 0 II 0 M Y BH03 1 1 SC Clayey Sand - Strong odor, Dark Brown, coarse to very fine grain size, Moist, Non-Plastic, Noncohesive, Massive, Non-Uniform M Y BH03 2 2 2 D N BH03 3 3 3 3 Clayey Sand - Strong odor, Dark Brown, coarse to very fine grain size, Dry, Non-Plastic, Noncohesive Massive, Non-Uniform D N BH03 6 6 6 Clayey Sand - Strong odor, Dark Brown, coarse to very fine grain size, Dry, Non-Plastic, Noncohesive Massive, Non-Uniform D N BH03 7 7 7 Nassive, Non-Uniform D 199 N BH03 7 7 7 Annual Strong odor, Dark Brown, Non-Cohesive, Non-Uniform Clayey Sand - Strong odor, Dark Brown, Non-Plastic, Non-Cohesive, Non-Uniform D 199 N BH03 7 7 7 Annual Strong odor, Dark Brown, Non-Cohesive, Non-Uniform D 767 N BH03 9 9 9 CCHE Caliche,				_											
M	Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Depth		USCS/Rock Symbol	Lithologic Descriptions						
M Y BH03 1 1 SC very fine grain size, Moist, Non-Plastic, Noncohesive, Massive, Non-Uniform M Y BH03 2 2 2 D N BH03 3 3 3 3 3 D N BH03 4 <t< td=""><td>М</td><td></td><td></td><td>Υ</td><td>BH03</td><td>0</td><td>0</td><td></td><td></td></t<>	М			Υ	BH03	0	0								
D	М					1 _		SC							
D	М			Υ	BH03	2 _	_ 2								
D N BH03 5 5 SC Clayey Sand - Strong odor, Dark Brown, coarse to very fine grain size, Dry, Non-Plastic, Noncohesiv wery fine grain size, Dry, Non-Uniform D 199 N BH03 7 7 Amount of the property of t	D			N	вн03	3 <u> </u>	3								
D	D			N	вноз	4 _	4								
D	D			N	BH03	5 <u> </u>	- - 5	SC	Clayey Sand - Strong odor, Dark Brown, coarse to very fine grain size, Dry, Non-Plastic, Noncohesive,						
D 767 N BH03 9 9 D 918 N BH03 10 10 CCHE Caliche, Light Brown, Non-cohesive, Fine grain, Dry, Non-cohesive, Non-cohesive, Non-uniform, D 565 N BH03 11 11	D			N	BH03	6	6		Massive, Non-Uniform						
D 767 N BH03 9 9 D 918 N BH03 10 10 CCHE Caliche, Light Brown, Non-cohesive, Fine grain, Dry, Non-cohesive, Non-uniform, D 565 N BH03 11 11	D		199	N	BH03	7 <u>-</u>	7								
D 918 N BH03 10 10 CCHE Caliche, Light Brown, Non-cohesive, Fine grain, Dry, Non-cohesive, Non-uniform, D 565 N BH03 11 11	D			N	BH03	8 <u>-</u>	8								
D 565 N BH03 11 11 11 Red Sand Fine grain Dry Non-plastic Non-cohesive	D	767		N	ВН03	9 _	9								
Red Sand, Fine grain, Dry, Non-plastic, Non-cohesive	D	918		N	вн03	10	10	ССНЕ	Caliche, Light Brown, Non-cohesive, Fine grain, Dry, Non-cohesive, Non-uniform,						
Red Sand, Fine grain, Dry, Non-plastic, Non-cohesive	D	565		N	вноз	11 _	11								
D 453 53 N BH03 12 12 SW Thinly bedded	D	453	53	N	BH03	12	12	SW	Red Sand, Fine grain, Dry, Non-plastic, Non-cohesive,						

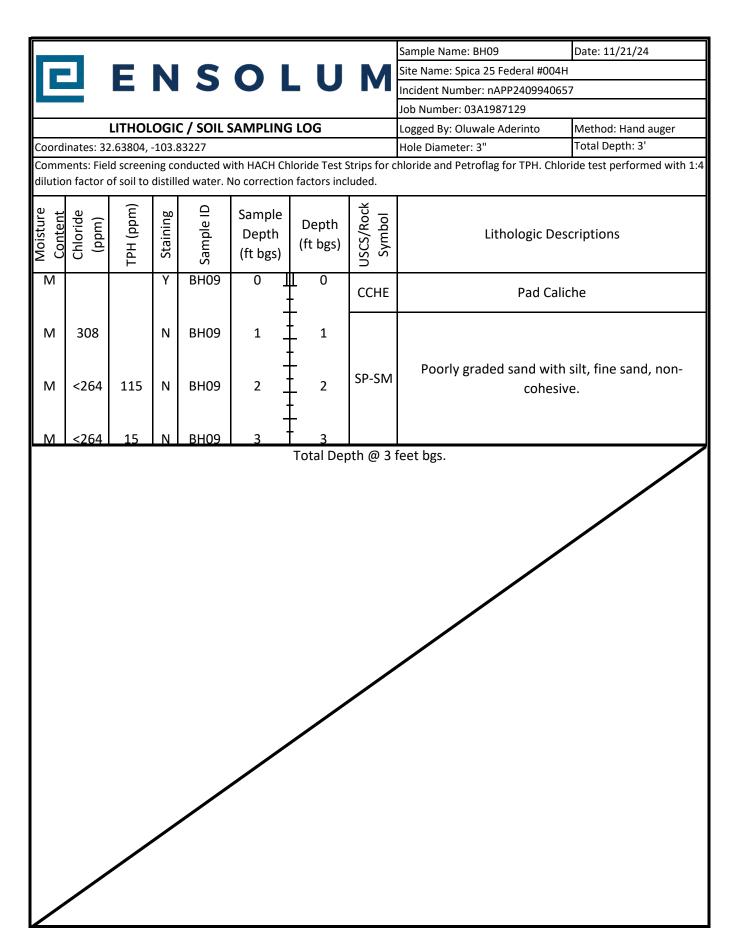


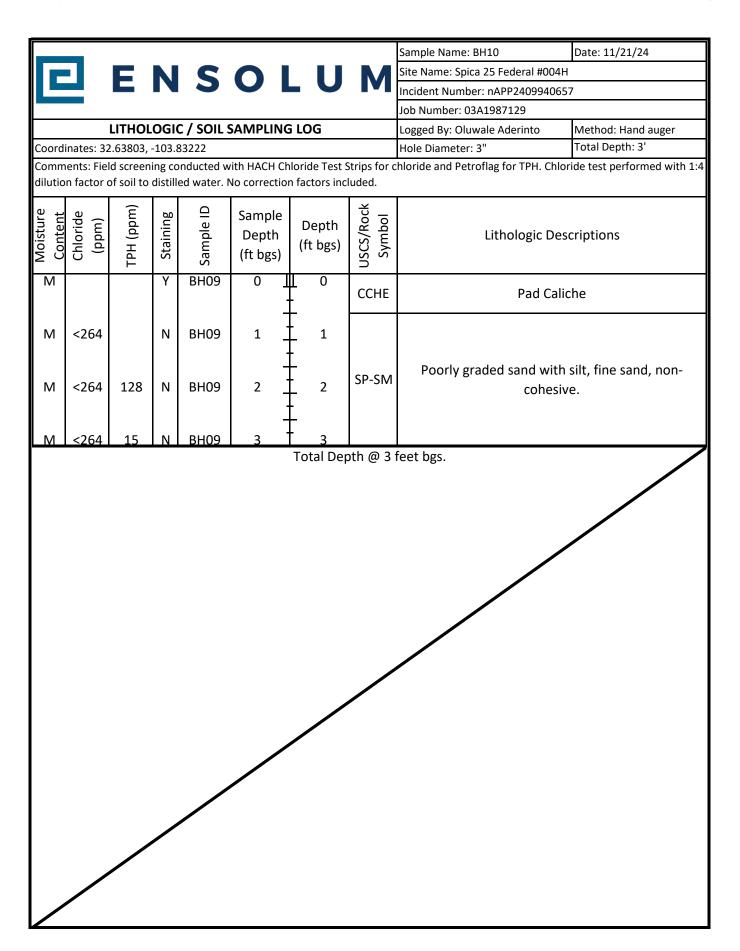














APPENDIX D

Laboratory Analytical Reports & Chain of Custody Documentation

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Spica 25 federal #004H

Work Order: E404132

Job Number: 01058-0007

Received: 4/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/22/24

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

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

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

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

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

Date Reported: 4/22/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 federal #004H

Workorder: E404132

Date Received: 4/16/2024 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/16/2024 8:30:00AM, under the Project Name: Spica 25 federal #004H.

The analytical test results summarized in this report with the Project Name: Spica 25 federal #004H 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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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SS01-0'	5
SS02-0'	6
SS03-0'	7
SS04-0'	8
SS05-0'	9
SS06-0'	10
SS07-0'	11
SS08-0'	12
QC Summary Data	13
QC - Volatile Organic Compounds by EPA 8260B	13
QC - Nonhalogenated Organics by EPA 8015D - GRO	14
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	15
QC - Anions by EPA 300.0/9056A	16
Definitions and Notes	17
Chain of Custody etc	18

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/22/24 15:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01-0'	E404132-01A	Soil	04/12/24	04/16/24	Glass Jar, 2 oz.
SS02-0'	E404132-02A	Soil	04/12/24	04/16/24	Glass Jar, 2 oz.
SS03-0'	E404132-03A	Soil	04/12/24	04/16/24	Glass Jar, 2 oz.
SS04-0'	E404132-04A	Soil	04/12/24	04/16/24	Glass Jar, 2 oz.
SS05-0'	E404132-05A	Soil	04/12/24	04/16/24	Glass Jar, 2 oz.
SS06-0'	E404132-06A	Soil	04/12/24	04/16/24	Glass Jar, 2 oz.
SS07-0'	E404132-07A	Soil	04/12/24	04/16/24	Glass Jar, 2 oz.
SS08-0'	E404132-08A	Soil	04/12/24	04/16/24	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/22/2024 3:37:32PM

SS01-0' E404132-01

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS				Batch: 2416052
Benzene	ND	0.0250		1	04/16/24	04/17/24	
Ethylbenzene	ND	0.0250		1	04/16/24	04/17/24	
Toluene	ND	0.0250		1	04/16/24	04/17/24	
o-Xylene	ND	0.0250		1	04/16/24	04/17/24	
p,m-Xylene	ND	0.0500		1	04/16/24	04/17/24	
Total Xylenes	ND	0.0250		1	04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		92.4 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		97.5 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2416052
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		92.4 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		97.5 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: KM		Batch: 2416095
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/24	04/19/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/24	04/19/24	
Surrogate: n-Nonane		74.3 %	50-200		04/18/24	04/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2416082
Chloride	ND	20.0		1	04/17/24	04/19/24	



Devon Energy - CarlsbadProject Name:Spica 25 federal #004H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo4/22/2024 3:37:32PM

SS02-0'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2416052
Benzene	ND	0.0250	1	1	04/16/24	04/17/24	
Ethylbenzene	ND	0.0250	1	1	04/16/24	04/17/24	
Toluene	ND	0.0250	1	1	04/16/24	04/17/24	
o-Xylene	ND	0.0250	1	1	04/16/24	04/17/24	
p,m-Xylene	ND	0.0500	1	1	04/16/24	04/17/24	
Total Xylenes	ND	0.0250	1	1	04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		92.8 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		97.9 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2416052
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		92.8 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		97.9 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2416095
Diesel Range Organics (C10-C28)	ND	25.0	1	1	04/18/24	04/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	04/18/24	04/19/24	
Surrogate: n-Nonane		78.4 %	50-200		04/18/24	04/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2416082



Devon Energy - CarlsbadProject Name:Spica 25 federal #004H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo4/22/2024 3:37:32PM

SS03-0'

E404132-03 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: RKS Batch: 2416052 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 04/16/24 04/16/24 ND 0.0250 Benzene 1 04/16/24 04/16/24 Ethylbenzene ND 0.0250 ND 0.0250 1 04/16/24 04/16/24 Toluene 1 04/16/24 04/16/24 o-Xylene ND 0.0250 04/16/24 04/16/24 ND 0.0500 1 p,m-Xylene 04/16/24 04/16/24 1 Total Xylenes ND 0.0250 04/16/24 04/16/24 Surrogate: Bromofluorobenzene 83.2 % 70-130 04/16/24 Surrogate: 1,2-Dichloroethane-d4 98.6 % 70-130 04/16/24 Surrogate: Toluene-d8 102 % 70-130 04/16/24 04/16/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: RKS Batch: 2416052 ND 04/16/24 04/16/24 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 83.2 % 04/16/24 04/16/24 70-130 04/16/24 Surrogate: 1,2-Dichloroethane-d4 98.6 % 70-130 04/16/24 Surrogate: Toluene-d8 04/16/24 04/16/24 102 % 70-130 mg/kg Analyst: KM Batch: 2416095 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 04/19/24 ND 25.0 1 04/18/24 Diesel Range Organics (C10-C28) ND 50.0 1 04/18/24 04/19/24 Oil Range Organics (C28-C36) 78.8 % 50-200 04/18/24 04/19/24 Surrogate: n-Nonane

mg/kg

20.0

Analyst: DT

04/17/24

04/19/24

1

mg/kg

ND

Batch: 2416082

Anions by EPA 300.0/9056A

Chloride

Devon Energy - CarlsbadProject Name:Spica 25 federal #004H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo4/22/20243:37:32PM

SS04-0'

		Reporting					
Analyte	Result	Limit	Dilı	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2416052
Benzene	ND	0.0250		1	04/16/24	04/17/24	
Ethylbenzene	ND	0.0250		1	04/16/24	04/17/24	
Toluene	ND	0.0250		1	04/16/24	04/17/24	
o-Xylene	ND	0.0250		1	04/16/24	04/17/24	
p,m-Xylene	ND	0.0500		1	04/16/24	04/17/24	
Total Xylenes	ND	0.0250		1	04/16/24	04/17/24	
Surrogate: Bromofluorobenzene	·	94.4 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		98.5 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2416052
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		94.4 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		98.5 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2416095
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/24	04/19/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/24	04/19/24	
Surrogate: n-Nonane		80.6 %	50-200		04/18/24	04/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2416082



Devon Energy - CarlsbadProject Name:Spica 25 federal #004H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo4/22/20243:37:32PM

SS05-0'

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dii	iution	rrepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2416052
Benzene	ND	0.0250		1	04/16/24	04/17/24	
Ethylbenzene	ND	0.0250		1	04/16/24	04/17/24	
Toluene	ND	0.0250		1	04/16/24	04/17/24	
o-Xylene	ND	0.0250		1	04/16/24	04/17/24	
p,m-Xylene	ND	0.0500		1	04/16/24	04/17/24	
Total Xylenes	ND	0.0250		1	04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		92.0 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		98.1 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2416052
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		92.0 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		98.1 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: KM		Batch: 2416095
Diesel Range Organics (C10-C28)	ND	25.0	•	1	04/18/24	04/19/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/24	04/19/24	
Surrogate: n-Nonane		79.9 %	50-200		04/18/24	04/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2416082
Chloride	ND	20.0		1	04/17/24	04/19/24	



Devon Energy - CarlsbadProject Name:Spica 25 federal #004H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo4/22/2024 3:37:32PM

SS06-0'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: RKS				Batch: 2416052
Benzene	ND	0.0250	1		04/16/24	04/17/24	
Ethylbenzene	ND	0.0250	1		04/16/24	04/17/24	
Toluene	ND	0.0250	1		04/16/24	04/17/24	
o-Xylene	ND	0.0250	1		04/16/24	04/17/24	
p,m-Xylene	ND	0.0500	1		04/16/24	04/17/24	
Total Xylenes	ND	0.0250	1		04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		92.6 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		98.6 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RK	S		Batch: 2416052
Gasoline Range Organics (C6-C10)	ND	20.0	1		04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		92.6 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		98.6 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: KM	[Batch: 2416095
Diesel Range Organics (C10-C28)	ND	25.0	1		04/18/24	04/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1		04/18/24	04/19/24	
Surrogate: n-Nonane		82.3 %	50-200		04/18/24	04/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT			Batch: 2416082
Chloride	615	20.0	1		04/17/24	04/19/24	



Devon Energy - CarlsbadProject Name:Spica 25 federal #004H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo4/22/2024 3:37:32PM

SS07-0' E404132-07

	_	Reporting	_				
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	RKS		Batch: 2416052
Benzene	ND	0.0250	1		04/16/24	04/17/24	
Ethylbenzene	ND	0.0250	1		04/16/24	04/17/24	
Toluene	ND	0.0250	1		04/16/24	04/17/24	
o-Xylene	ND	0.0250	1		04/16/24	04/17/24	
p,m-Xylene	ND	0.0500	1		04/16/24	04/17/24	
Total Xylenes	ND	0.0250	1		04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		92.2 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		100 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: R	RKS		Batch: 2416052
Gasoline Range Organics (C6-C10)	ND	20.0	1	ļ.	04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		92.2 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		100 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: K	CM		Batch: 2416095
Diesel Range Organics (C10-C28)	ND	25.0	1		04/18/24	04/19/24	
Oil Range Organics (C28-C36)	ND	50.0	1		04/18/24	04/19/24	
Surrogate: n-Nonane		83.2 %	50-200		04/18/24	04/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: D)T		Batch: 2416082
Chloride	26.4	20.0	1		04/17/24	04/19/24	

Devon Energy - CarlsbadProject Name:Spica 25 federal #004H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo4/22/20243:37:32PM

SS08-0'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2416052
Benzene	ND	0.0250		1	04/16/24	04/17/24	
Ethylbenzene	ND	0.0250		1	04/16/24	04/17/24	
Toluene	ND	0.0250		1	04/16/24	04/17/24	
o-Xylene	ND	0.0250		1	04/16/24	04/17/24	
p,m-Xylene	ND	0.0500		1	04/16/24	04/17/24	
Total Xylenes	ND	0.0250	Ī	1	04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		94.3 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		98.8 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2416052
Gasoline Range Organics (C6-C10)	ND	20.0		1	04/16/24	04/17/24	
Surrogate: Bromofluorobenzene		94.3 %	70-130		04/16/24	04/17/24	
Surrogate: 1,2-Dichloroethane-d4		105 %	70-130		04/16/24	04/17/24	
Surrogate: Toluene-d8		98.8 %	70-130		04/16/24	04/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	KM		Batch: 2416095
Diesel Range Organics (C10-C28)	ND	25.0		1	04/18/24	04/19/24	
Oil Range Organics (C28-C36)	ND	50.0		1	04/18/24	04/19/24	
Surrogate: n-Nonane		80.9 %	50-200		04/18/24	04/19/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2416082
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							



QC Summary Data

Spica 25 federal #004H Devon Energy - Carlsbad Project Name: Reported: 6488 7 Rivers Hwy Project Number: 01058-0007 Artesia NM, 88210 Project Manager: Ashley Giovengo 4/22/2024 3:37:32PM **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 (2416052-BLK1) Prepared: 04/16/24 Analyzed: 04/16/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 ND 0.0250 Total Xylenes Surrogate: Bromofluorobenzene 0.460 0.500 92.0 70-130 Surrogate: 1,2-Dichloroethane-d4 0.507 0.500 101 70-130 0.500 96.7 70-130 Surrogate: Toluene-d8 0.484 LCS (2416052-BS1) Prepared: 04/16/24 Analyzed: 04/16/24 2.36 0.0250 2.50 94.4 70-130 Benzene 2.32 2.50 93.0 70-130 Ethylbenzene 0.0250 2.14 0.0250 2.50 85.5 70-130 94.6 70-130 2.36 0.0250 2.50 o-Xylene 4.77 95.3 70-130 p,m-Xylene 0.0500 5.00 7.13 0.0250 7.50 95.1 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.485 0.500 96.9 70-130 0.500 100 70-130 Surrogate: 1,2-Dichloroethane-d4 0.502 70-130 Surrogate: Toluene-d8 0.421 0.500 Matrix Spike (2416052-MS1) Source: E404132-03 Prepared: 04/16/24 Analyzed: 04/16/24 2.33 0.0250 2.50 ND 93.2 48-131 45-135 Ethylbenzene 2.31 0.0250 2.50 ND 92.5 48-130 Toluene 2.56 0.0250 2.50 ND 102 2.23 0.0250 2.50 ND 89.3 43-135 o-Xylene ND 89.2 43-135 p,m-Xylene 4.46 0.0500 5.00 Total Xylenes 6.69 0.0250 7.50 ND 89.2 43-135 0.456 0.500 91.1 70-130 Surrogate: Bromofluorobenzene 0.500 97.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.486 70-130 0.495 0.500 Surrogate: Toluene-d8 Matrix Spike Dup (2416052-MSD1) Source: E404132-03 Prepared: 04/16/24 Analyzed: 04/16/24 2.32 0.0250 2.50 ND 92.8 48-131 0.473 23 2.33 0.0250 2.50 ND 45-135 0.990 27 Ethylbenzene ND 107 48-130 4.48 24 2.67 2.50 Toluene 0.0250 o-Xylene 2.38 0.0250 2.50 ND 95.1 43-135 6.22 27 5.00 ND 90.3 43-135 1.25 27 4.52 p,m-Xylene 0.0500 27 6.89 0.0250 7.50 ND 91.9 43-135 2.94 Total Xylenes



0.500

0.500

0.500

98.4

102

105

70-130

70-130

70-130

0.492

0.512

0.527

Surrogate: Bromofluorobenzene

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Surrogate: Toluene-d8

QC Summary Data

Devon Energy - CarlsbadProject Name:Spica 25 federal #004HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo4/22/20243:37:32PM

	Nonhalogenated Organics by EPA 8015D - GRO								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 (2416052-BLK1)]	Prepared: 0	4/16/24 Anal	yzed: 04/16/24		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: Bromofluorobenzene	0.460		0.500		92.0	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.507		0.500		101	70-130					

LCS (2416052-BS2)					Prepared: 04/16/24 Analyzed: 04/16/24
Gasoline Range Organics (C6-C10)	57.9	20.0	50.0	116	70-130
Surrogate: Bromofluorobenzene	0.428		0.500	85.6	70-130
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500	95.4	70-130
Surrogate: Toluene-d8	0.513		0.500	103	70-130

0.500

70-130

0.484

Matrix Spike (2416052-MS2)				Source:	E404132-0	03	Prepared: 04/16/24 Analyzed: 04/16/24
Gasoline Range Organics (C6-C10)	59.1	20.0	50.0	ND	118	70-130	
Surrogate: Bromofluorobenzene	0.469		0.500		93.8	70-130	
Surrogate: 1,2-Dichloroethane-d4	0.514		0.500		103	70-130	
Surrogate: Toluene-d8	0.479		0.500		95.8	70-130	

Matrix Spike Dup (2416052-MSD2)					E404132-0	03	Prepared: 04/16/24 Analyzed: 04/16/2				
Gasoline Range Organics (C6-C10)	65.9	20.0	50.0	ND	132	70-130	10.9	20	M1		
Surrogate: Bromofluorobenzene	0.483		0.500		96.5	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130					
Surrogate: Toluene-d8	0.491		0.500		98.1	70-130					

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Spica 25 federal #004H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	4/22/2024 3:37:32PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			4/	22/2024 3:37:32PN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	/ORO			Analyst: KM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2416095-BLK1)							Prepared: 0	4/18/24 Ana	lyzed: 04/19/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.0		50.0		83.9	50-200			
LCS (2416095-BS1)							Prepared: 0	4/18/24 Ana	lyzed: 04/19/24
Diesel Range Organics (C10-C28)	242	25.0	250		96.9	38-132			
Surrogate: n-Nonane	43.5		50.0		87.1	50-200			
Matrix Spike (2416095-MS1)				Source:	E404132-	03	Prepared: 0	4/18/24 Ana	lyzed: 04/19/24
Diesel Range Organics (C10-C28)	243	25.0	250	ND	97.3	38-132			
Surrogate: n-Nonane	41.0		50.0		82.0	50-200			
Matrix Spike Dup (2416095-MSD1)				Source:	E404132-	03	Prepared: 0	4/18/24 Ana	lyzed: 04/19/24
Diesel Range Organics (C10-C28)	237	25.0	250	ND	94.8	38-132	2.60	20	
Surrogate: n-Nonane	42.3		50.0		84.5	50-200			

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		pica 25 federal 1058-0007	l #004H				Reported:
Artesia NM, 88210		Project Manager		shley Gioveng	go				4/22/2024 3:37:32PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2416082-BLK1)							Prepared: 0	4/17/24 A	nalyzed: 04/19/24
Chloride	ND	20.0							
LCS (2416082-BS1)							Prepared: 0	4/17/24 A	nalyzed: 04/19/24
Chloride	267	20.0	250		107	90-110			
Matrix Spike (2416082-MS1)				Source:	E404119-0)3	Prepared: 0	4/17/24 A	nalyzed: 04/19/24
Chloride	647	20.0	250	368	112	80-120			
Matrix Spike Dup (2416082-MSD1)				Source:	E404119-0)3	Prepared: 0	4/17/24 A	nalyzed: 04/19/24

250

20.0

111

80-120

0.227

20

645

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:	Spica 25 federal #004H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	04/22/24 15:37

M1 Matrix spike recovery was above acceptance limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client: [Bill To			La	ab U	se Or	nly	N-			TA	AT.	EPA P	rogram
	Spica 25 Feder				Attention: Dale Woodall		Lab WO				Num			2D	3D	Standard	CWA	SDWA
Project N	Manager: Ashle	ey Giover	igo		Address: 205 E Bender Road	#150	E40	413	52	OV	55	5-000-	-			х		
Address:	3122 Nationa	I Parks H	wy		City, State, Zip: Hobbs NM, 8	38240				_		nd Metho						RCRA
City, Stat	e, Zip: Carlsba	d NM, 88	3220		Phone: (575)748-1838		þý											
Phone:	575-988-0055				Email: dale.woodall@dvn.co	om	080								1		State	
Email: a	giovengo@ens	olum.cor	n				0/0	1	_	Jan 1	0.0		ΣZ		1	NM CO	UT AZ	TX
Report d	ue by:						J/DF	8021	8260	010	300				¥	×		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number	TPH GRO/DRO/ORO by	втех бу	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	
10:01	4/12/2024	Soil	1		SS01 - 0'								х					
11:35	4/12/2024	Soil	1		SS02 - 0'	2			-				х					
10:15	4/12/2024	Soil	1		SS03 - 0'	3							х					
10:18	4/12/2024	Soil	1		SS04 - 0'	4							х					
10:22	4/12/2024	Soil	1		SS05 - 0'	5							x		Н			
10:56	4/12/2024	Soil	1		SS06 - 0'	V							х					
11:21	4/12/2024	Soil	1		SS07 - 0'	7							х					
11:37	4/12/2024	Soil	1		SS08 - 0'	8							х					
						- 1												
ddition	al Instructions:	Please	CC: cbur	ton@ensolum.c	om, agiovengo@ensolum.com,	dale.woodall@d	lvn.com,	chan	nilto	n@e	nsol	ım.com,	iest	rella(ensc	olum.com		
				f this sample. I am aw	are that tampering with or intentionally mis	2	cation,									ceived on ice the day		oled or
Ca. V. V. Gara, V. Carrer, O.	ed by: (Signature)	2	Date	Time	30 Received by: (Signature)	A Date	24 Time	730)	Rece	eivec	on ice:	-	ab U	se On	ly		
Mich	ed by: (Signature)	roles	Date 4-	1524 Time	Received by: (Signature)	Date 4.15	Time	800	7	T1			T2	_		<u></u>		
elinguishe	d by: (Signature)		Date	.15.24 Time	Reseived by: (Signature)	J. Gate///2	24 Time	330	5	AVG	Ten	np °C	4					
		, Sg - Sludge				Container		_					_					



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

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

Page 18 of 19

Printed: 4/16/2024 1:54:36PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

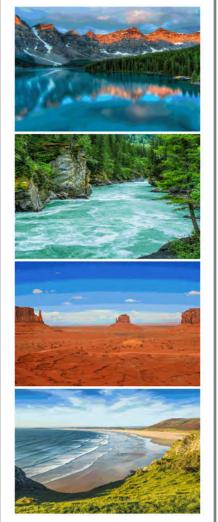
Instructions: Please take note of any NO checkmarks.

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: (505) 382-1211 Date Logged In: 04/16/24 09:12 Logged In By: Alexa Michaels						· · · · · ·			
Email: ashley giovengo@wesconinc.com Due Date: 04/22/24 17:00 (4 day TAT)	Client:	Devon Energy - Carlsbad	Date Received:	04/16/24 0	8:30		Work Order ID:	E404132	
Canala of Custody (COC)	Phone:	(505) 382-1211	Date Logged In:	04/16/24 0	9:12		Logged In By:	Alexa Michaels	
1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Does the number of samples per sampling site location match the COC 3. Were samples to organize special content of carrier? 4. Was the COC complete, Le, signatures, datestimes, requested analyses? 5. Were all samples received within holding intens? 5. Were all samples received within holding intens? 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 7. Was a sample cooler received? 7. Was a sample cooler received? 8. If yes, was cooler received? 8. If yes, was cooler received? 9. Was the sample (s) received intact, i.e., not broken? 10. Were custody-security seals present? 10. Were custody-security seals intens? 11. If yes, were custody-security seals intens? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°2.2°C Note: Thermal preceivation is not required, if samples are received will 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4. Are aqueous VOC samples collected in VOC analyses? 14. Are aqueous VOC samples collected in VOA vials? 15. Are VOC samples collected in the correct containers? 19. Is the proprietie volume-weight or number of sample containers collected? 20. Were field sample labels filled out with the minimum information: Sample Dressration 21. Does the COC or field labels indicate the samples were preserved? 22. Are samples(s) correctly preserved? 23. Are samples of correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? 25. Are samples belave more than one phase, i.e., multiphase? 26. Noe: 27. If yes, does the COC opecify which planse(s) is to be analyzed? 28. Are samples to exercity and the correct preserved? 29. Are samples that we found and/or requested for dissolved metals? 29. Are samples that we found that one of the correct preserved? 29. Are samples that we found that one of the correct preserved? 20. Are samples that we foun	Email:			04/22/24 1	7:00 (4 day TAT)				
2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? 5. Were all samples received within holding time? Note: Analysis, such as plf which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion. Sample Turn Around Timer CTAT 6. Did the COC indicate standard TAT, or Expedited TAT? 7. Was a sample cooler received? 8. If yes, was cooler received in good condition? 9. Was the sample (so) certed in good condition? 10. Were custody/security seals present? 10. Were custody/security seals intact? 11. Use the sample received on its of the presentation. 12. Was the sample received on its of the presentation. 13. If no visible ice, record the temperature. Actual sample temperature. 14. Are aqueous VOC samples present? 15. Are VOC samples collected in VOA Vials? 16. Is the hoad space leas than 6-8 min (pas sized or less)? 17. Was a trip blank (TB) included for VOC analyses? 19. Is the appropriate volume/weight or number of sample containers collected? 19. Owere field sample labels filled out with the minimum information: Sample Draw for Collected? 20. Were field sample labels indicate the samples were preserved? 21. Owere field sample labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 23. Life sharp of the collected? 24. Sample Draw more than one phase, i.e., multiphase? 25. Loose the sample have more than one phase, i.e., multiphase? 26. Loose the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? 28. Are samples captured to get sent to a subcontract laboratory? 29. Was a subcontract Laboratory specified by the client and if so who? 29. Was a subcontract Laboratory specified by the client and if so who? 29. Was a subcontract Laboratory specified by the client and if so who? 20. Subcontract Laboratory 20. Subcontrac				Yes					
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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

Matador Resources, LLC.

Project Name: Spica 25 Federal #004 H

Work Order: E405377

Job Number: 23003-0002

Received: 5/29/2024

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 6/10/24

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: 6/10/24

Ashley Giovengo 5400 LBJ Freeway, Suite 1500 Dallas, TX 75240

Project Name: Spica 25 Federal #004 H

Workorder: E405377

Date Received: 5/29/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 5/29/2024 8:00:00AM, under the Project Name: Spica 25 Federal #004 H.

The analytical test results summarized in this report with the Project Name: Spica 25 Federal #004 H 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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Table of Contents

T	itle Page	1
С	over Page	2
Т	able of Contents	3
S	ample Summary	5
S	ample Data	6
	SS06A - 0'	6
	BH01 - 0'	7
	BH01 - 4'	8
	BH02 - 0'	9
	BH02 - 4'	10
	BH02 - 8'	11
	BH03 - 0'	12
	BH03 - 4'	13
	BH03 - 8'	14
	BH04 - 0'	15
	BH04 - 2'	16
	BH05 - 0'	17
	BH05 - 1'	18
	BH06 - 0'	19
	BH06 - 1'	20
C	C Summary Data	21
	QC - Volatile Organic Compounds by EPA 8260B	21
	QC - Nonhalogenated Organics by EPA 8015D - GRO	22
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	23
	QC - Anions by EPA 300.0/9056A	24

Table of Contents (continued)

Definitions and Notes	25
Chain of Custody etc.	26

Sample Summary

Matador Resources, LLC.	Project Name: Spica 25 Federal #004 H		Domonto do	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/10/24 10:23	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS06A - 0'	E405377-01A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH01 - 0'	E405377-02A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH01 - 4'	E405377-03A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH02 - 0'	E405377-04A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH02 - 4'	E405377-05A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH02 - 8'	E405377-06A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH03 - 0'	E405377-07A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH03 - 4'	E405377-08A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH03 - 8'	E405377-09A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH04 - 0'	E405377-10A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH04 - 2'	E405377-11A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH05 - 0'	E405377-12A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH05 - 1'	E405377-13A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH06 - 0'	E405377-14A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.
BH06 - 1'	E405377-15A	Soil	05/24/24	05/29/24	Glass Jar, 4 oz.

Matador Resources, LLC.	Project Name:	Spica 25 Federal #004 H	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/10/2024 10:23:24AM

SS06A - 0' E405377-01

		E4053 / /-01					
A 14	D. k	Reporting	D.I		D 1		N
Analyte	Result	Limit	Dill	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2422105
Benzene	0.0795	0.0250		1	05/31/24	06/06/24	
Ethylbenzene	1.22	0.0250		1	05/31/24	06/06/24	
Toluene	2.31	0.0250		1	05/31/24	06/06/24	
o-Xylene	0.489	0.0250		1	05/31/24	06/06/24	
p,m-Xylene	1.61	0.0500		1	05/31/24	06/06/24	
Total Xylenes	2.10	0.0250		1	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		102 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		101 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2422105
Gasoline Range Organics (C6-C10)	21.0	20.0		1	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		102 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		101 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2423048
Diesel Range Organics (C10-C28)	34.6	25.0		1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0		1	06/04/24	06/06/24	
Surrogate: n-Nonane		111 %	50-200		06/04/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2423026
Chloride	73.9	20.0		1	06/03/24	06/04/24	



Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH01 - 0' E405377-02

		E403577-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	/st: RKS		Batch: 2422105
Benzene	1.43	0.250	10	05/31/24	06/06/24	
Ethylbenzene	77.2	0.250	10	05/31/24	06/06/24	
Toluene	79.1	0.250	10	05/31/24	06/06/24	
o-Xylene	45.7	0.250	10	05/31/24	06/06/24	
p,m-Xylene	99.4	0.500	10	05/31/24	06/06/24	
Total Xylenes	145	0.250	10	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene	·	99.6 %	70-130	05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	05/31/24	06/06/24	
Surrogate: Toluene-d8		106 %	70-130	05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2422105
Gasoline Range Organics (C6-C10)	2140	200	10	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130	05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	05/31/24	06/06/24	
Surrogate: Toluene-d8		106 %	70-130	05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2423048
Diesel Range Organics (C10-C28)	14900	500	20	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	6670	1000	20	06/04/24	06/06/24	
Surrogate: n-Nonane		337 %	50-200	06/04/24	06/06/24	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2423026
Chloride	ND	20.0	1	06/03/24	06/04/24	

Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH01 - 4' E405377-03

		E403577-05					
	D 1:	Reporting					N.
Analyte	Result	Limit	Dilt	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2422105
Benzene	ND	0.0250	į	1	05/31/24	06/06/24	
Ethylbenzene	0.251	0.0250		1	05/31/24	06/06/24	
Toluene	0.186	0.0250		1	05/31/24	06/06/24	
o-Xylene	0.191	0.0250		1	05/31/24	06/06/24	
p,m-Xylene	0.369	0.0500		1	05/31/24	06/06/24	
Total Xylenes	0.559	0.0250	į	1	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene	·	104 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		101 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2422105
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		101 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2423048
Diesel Range Organics (C10-C28)	797	50.0	2	2	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	493	100	2	2	06/04/24	06/06/24	
Surrogate: n-Nonane		90.2 %	50-200		06/04/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2423026
Chloride	ND	20.0		1	06/03/24	06/04/24	

Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH02 - 0' E405377-04

		E403377-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analy	st: RKS		Batch: 2422105
Benzene	8.36	0.500	20	05/31/24	06/06/24	
Ethylbenzene	134	0.500	20	05/31/24	06/06/24	
Toluene	187	0.500	20	05/31/24	06/06/24	
o-Xylene	74.7	0.500	20	05/31/24	06/06/24	
p,m-Xylene	170	1.00	20	05/31/24	06/06/24	
Total Xylenes	245	0.500	20	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	05/31/24	06/06/24	
Surrogate: Toluene-d8		105 %	70-130	05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: RKS		Batch: 2422105
Gasoline Range Organics (C6-C10)	3220	400	20	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		108 %	70-130	05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	05/31/24	06/06/24	
Surrogate: Toluene-d8		105 %	70-130	05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2423048
Diesel Range Organics (C10-C28)	26000	500	20	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	11500	1000	20	06/04/24	06/06/24	
Surrogate: n-Nonane		515 %	50-200	06/04/24	06/06/24	S5
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2423026
Chloride	21.6	20.0	1	06/03/24	06/04/24	



Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH02 - 4' E405377-05

		E403377-03					
Analyte	Result	Reporting Limit		ıtion	Duomonod	Analyzad	Notes
Analyte	Kesuit	Limit	Dilu	iiion	Prepared	Analyzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2422105
Benzene	ND	0.0250	1	1	05/31/24	06/06/24	
Ethylbenzene	ND	0.0250	1	1	05/31/24	06/06/24	
Toluene	ND	0.0250	1	1	05/31/24	06/06/24	
o-Xylene	ND	0.0250	1	1	05/31/24	06/06/24	
p,m-Xylene	ND	0.0500	1	1	05/31/24	06/06/24	
Total Xylenes	ND	0.0250	1	1	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		97.2 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2422105
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		97.2 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2423048
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/04/24	06/06/24	
Surrogate: n-Nonane		99.7 %	50-200		06/04/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2423026
Chloride	136	20.0	1	1	06/03/24	06/04/24	

Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH02 - 8' E405377-06

		E403377-00				
Austra	D l4	Reporting	Dilu	D		Notes
Analyte	Result	Limit	Dilu	tion Prepa	ared Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2422105
Benzene	ND	0.0250	1	05/31	/24 06/06/24	
Ethylbenzene	ND	0.0250	1	05/31	/24 06/06/24	
Toluene	ND	0.0250	1	05/31	/24 06/06/24	
o-Xylene	ND	0.0250	1	05/31	/24 06/06/24	
p,m-Xylene	ND	0.0500	1	05/31	/24 06/06/24	
Total Xylenes	ND	0.0250	1	05/31	/24 06/06/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/31	7/24 06/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	05/31	/24 06/06/24	
Surrogate: Toluene-d8		100 %	70-130	05/31	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RKS		Batch: 2422105
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31	/24 06/06/24	
Surrogate: Bromofluorobenzene		106 %	70-130	05/31	7/24 06/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	05/31	06/06/24	
Surrogate: Toluene-d8		100 %	70-130	05/31	/24 06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2423048
Diesel Range Organics (C10-C28)	266	25.0	1	06/04	/24 06/06/24	
Oil Range Organics (C28-C36)	187	50.0	1	06/04	/24 06/06/24	
Surrogate: n-Nonane		103 %	50-200	06/04	1/24 06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: DT		Batch: 2423026
Chloride	ND	20.0	1	06/03	/24 06/04/24	

Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH03 - 0' E405377-07

		2.00077 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	rrepared	Anaiyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analys	st: RKS		Batch: 2422105
Benzene	1.63	0.500	20	05/31/24	06/06/24	
Ethylbenzene	62.6	0.500	20	05/31/24	06/06/24	
Toluene	59.2	0.500	20	05/31/24	06/06/24	
o-Xylene	39.8	0.500	20	05/31/24	06/06/24	
p,m-Xylene	83.4	1.00	20	05/31/24	06/06/24	
Total Xylenes	123	0.500	20	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	05/31/24	06/06/24	
Surrogate: Toluene-d8		102 %	70-130	05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RKS		Batch: 2422105
Gasoline Range Organics (C6-C10)	1650	400	20	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		107 %	70-130	05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	05/31/24	06/06/24	
Surrogate: Toluene-d8		102 %	70-130	05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2423048
Diesel Range Organics (C10-C28)	6300	500	20	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	3350	1000	20	06/04/24	06/06/24	
Surrogate: n-Nonane		75.1 %	50-200	06/04/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2423026
Chloride	59.6	20.0	1	06/03/24	06/04/24	

Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH03 - 4' E405377-08

Analyzed 06/06/24 06/06/24 06/06/24	Notes Batch: 2422105
06/06/24 06/06/24 06/06/24	
06/06/24 06/06/24	Batch: 2422105
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	Batch: 2422105
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06/06/24	
	Batch: 2423048
06/06/24	_
06/06/24	
06/06/24	
	Batch: 2423026
06/04/24	
	06/06/24 06/06/24 06/06/24 06/06/24 06/06/24 06/06/24 06/06/24 06/06/24 06/06/24 06/06/24



Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH03 - 8' E405377-09

		Reporting					
Analyte	Result	Limit	Dilut	tion Prep	ared A	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2422105
Benzene	ND	0.0250	1	05/3	1/24	06/06/24	
Ethylbenzene	ND	0.0250	1	05/3	1/24	06/06/24	
Toluene	ND	0.0250	1	05/3	1/24	06/06/24	
o-Xylene	ND	0.0250	1	05/3	1/24	06/06/24	
p,m-Xylene	ND	0.0500	1	05/3	1/24	06/06/24	
Total Xylenes	ND	0.0250	1	05/3	1/24	06/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/3	1/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	05/3	1/24	06/06/24	
Surrogate: Toluene-d8		97.4 %	70-130	05/3	1/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2422105
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/3	1/24	06/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130	05/3	1/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	05/3	1/24	06/06/24	
Surrogate: Toluene-d8		97.4 %	70-130	05/3	1/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2423048
Diesel Range Organics (C10-C28)	82.8	25.0	1	06/0	4/24	06/06/24	
Oil Range Organics (C28-C36)	73.7	50.0	1	06/0	4/24	06/06/24	
Surrogate: n-Nonane		109 %	50-200	06/0	14/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: DT			Batch: 2423026
Chloride	236	20.0	1	06/0	3/24	06/04/24	

Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH04 - 0' E405377-10

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: R	KS		Batch: 2422105
Benzene	ND	0.0250	1	I	05/31/24	06/06/24	
Ethylbenzene	ND	0.0250	1	l	05/31/24	06/06/24	
Toluene	ND	0.0250	1	l	05/31/24	06/06/24	
o-Xylene	ND	0.0250	1	l	05/31/24	06/06/24	
p,m-Xylene	ND	0.0500	1	l	05/31/24	06/06/24	
Total Xylenes	ND	0.0250	1	[05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		99.2 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: R	KS		Batch: 2422105
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		99.2 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	IV		Batch: 2423048
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	06/04/24	06/06/24	
Surrogate: n-Nonane		106 %	50-200		06/04/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: D)T		Batch: 2423026



Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH04 - 2' E405377-11

Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Dilui	non Frepared	Anaryzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2422105
Benzene	ND	0.0250	1	05/31/24	06/06/24	
Ethylbenzene	ND	0.0250	1	05/31/24	06/06/24	
Toluene	ND	0.0250	1	05/31/24	06/06/24	
o-Xylene	ND	0.0250	1	05/31/24	06/06/24	
p,m-Xylene	ND	0.0500	1	05/31/24	06/06/24	
Total Xylenes	ND	0.0250	1	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	05/31/24	06/06/24	
Surrogate: Toluene-d8		99.6 %	70-130	05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: RKS		Batch: 2422105	
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		104 %	70-130	05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	05/31/24	06/06/24	
Surrogate: Toluene-d8		99.6 %	70-130	05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: NV		Batch: 2423048
Diesel Range Organics (C10-C28)	ND	25.0	1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/04/24	06/06/24	
Surrogate: n-Nonane		113 %	50-200	06/04/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2423026
Chloride	ND	20.0	1	06/03/24	06/04/24	



Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH05 - 0' E405377-12

		E403377-12					
Anglyto	Result	Reporting Limit	Dilu	tion	Dranarad	Analyzad	Notes
Analyte	Kesuit	Limit	Dilu	uion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2422105
Benzene	ND	0.0250	1	1	05/31/24	06/06/24	
Ethylbenzene	ND	0.0250	1	l	05/31/24	06/06/24	
Toluene	ND	0.0250	1	l	05/31/24	06/06/24	
o-Xylene	ND	0.0250	1	l	05/31/24	06/06/24	
p,m-Xylene	ND	0.0500	1	[05/31/24	06/06/24	
Total Xylenes	ND	0.0250	1	l	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		100 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2422105
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		107 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		100 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2423048
Diesel Range Organics (C10-C28)	60.7	25.0	1	1	06/04/24	06/06/24	_
Oil Range Organics (C28-C36)	73.6	50.0	1	l	06/04/24	06/06/24	
Surrogate: n-Nonane		109 %	50-200		06/04/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2423026
Chloride	ND	20.0	1	1	06/03/24	06/04/24	



Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH05 - 1' E405377-13

		E403377-13					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Kesuit	Limit	Diit	шин	rrepared	Analyzeu	NOICS
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2422105
Benzene	ND	0.0250		1	05/31/24	06/06/24	
Ethylbenzene	ND	0.0250		1	05/31/24	06/06/24	
Toluene	ND	0.0250		1	05/31/24	06/06/24	
o-Xylene	ND	0.0250		1	05/31/24	06/06/24	
p,m-Xylene	ND	0.0500		1	05/31/24	06/06/24	
Total Xylenes	ND	0.0250		1	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		101 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2422105
Gasoline Range Organics (C6-C10)	ND	20.0		1	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		101 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2423048
Diesel Range Organics (C10-C28)	ND	25.0		1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	İ	1	06/04/24	06/06/24	
Surrogate: n-Nonane		108 %	50-200		06/04/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2423026
Chloride	ND	20.0		1	06/03/24	06/04/24	



Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH06 - 0' E405377-14

		E-103577-14					
Analyte	Result	Reporting Limit	Dilut	tion Dron	pared	Analyzed	Notes
Analyte	Kesun	Limit	Dilui	non Frep	Jaicu	Allalyzed	INUIES
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS			Batch: 2422105
Benzene	ND	0.0250	1	05/3	31/24	06/06/24	
Ethylbenzene	ND	0.0250	1	05/3	31/24	06/06/24	
Toluene	ND	0.0250	1	05/3	31/24	06/06/24	
o-Xylene	ND	0.0250	1	05/3	31/24	06/06/24	
p,m-Xylene	ND	0.0500	1	05/3	31/24	06/06/24	
Total Xylenes	ND	0.0250	1	05/3	31/24	06/06/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/3	31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	05/3	31/24	06/06/24	
Surrogate: Toluene-d8		99.1 %	70-130	05/3	31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS			Batch: 2422105
Gasoline Range Organics (C6-C10)	ND	20.0	1	05/3	31/24	06/06/24	
Surrogate: Bromofluorobenzene		103 %	70-130	05/3	31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	05/3	31/24	06/06/24	
Surrogate: Toluene-d8		99.1 %	70-130	05/3	31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2423048
Diesel Range Organics (C10-C28)	ND	25.0	1	06/0	04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	06/0	04/24	06/06/24	
Surrogate: n-Nonane		114 %	50-200	06/0	04/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2423026
Chloride	63.2	20.0	1	06/0)3/24	06/04/24	



Matador Resources, LLC.Project Name:Spica 25 Federal #004 H5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

BH06 - 1' E405377-15

		E4055//-15					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilu	ition	Trepared	Anaryzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2422105
Benzene	ND	0.0250	1	1	05/31/24	06/06/24	
Ethylbenzene	ND	0.0250	1	1	05/31/24	06/06/24	
Toluene	ND	0.0250	1	1	05/31/24	06/06/24	
o-Xylene	ND	0.0250	1	1	05/31/24	06/06/24	
p,m-Xylene	ND	0.0500	1	1	05/31/24	06/06/24	
Total Xylenes	ND	0.0250	1	1	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		101 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2422105
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	05/31/24	06/06/24	
Surrogate: Bromofluorobenzene		105 %	70-130		05/31/24	06/06/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		05/31/24	06/06/24	
Surrogate: Toluene-d8		101 %	70-130		05/31/24	06/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2423048
Diesel Range Organics (C10-C28)	ND	25.0	1	1	06/04/24	06/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	06/04/24	06/06/24	
Surrogate: n-Nonane	·	109 %	50-200		06/04/24	06/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2423026
Chloride	58.9	20.0	1	1	06/03/24	06/04/24	



Matador Resources, LLC.Project Name:Spica 25 Federal #004 HReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			6/1	0/2024 10:23:24AN
	V	olatile Organ	ic Compo	unds by EI	PA 82601	В			Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2422105-BLK1)						P	Prepared: 0	5/31/24 Ana	lyzed: 06/05/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			
LCS (2422105-BS1)						F	Prepared: 0:	5/31/24 Ana	lyzed: 06/05/24
Benzene	2.50	0.0250	2.50		99.8	70-130			
Ethylbenzene	2.56	0.0250	2.50		102	70-130			
Toluene	2.44	0.0250	2.50		97.6	70-130			
o-Xylene	2.59	0.0250	2.50		104	70-130			
p,m-Xylene	5.17	0.0500	5.00		103	70-130			
Total Xylenes	7.76	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.465		0.500		93.0	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			
LCS Dup (2422105-BSD1)						F	repared: 0	5/31/24 Ana	lyzed: 06/06/24
Benzene	2.53	0.0250	2.50		101	70-130	1.53	23	
Ethylbenzene	2.59	0.0250	2.50		104	70-130	1.22	27	
Toluene	2.48	0.0250	2.50		99.2	70-130	1.67	24	
o-Xylene	2.71	0.0250	2.50		108	70-130	4.52	27	
o,m-Xylene	5.39	0.0500	5.00		108	70-130	4.27	27	
Total Xylenes	8.11	0.0250	7.50		108	70-130	4.36	27	
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			

0.500

70-130



Surrogate: Toluene-d8

0.502

Matador Resources, LLC.Project Name:Spica 25 Federal #004 HReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

Nonhalogenated	Organics	by EPA	8015D -	GRO

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 (2422105-BLK1)						Prepared: 05	5/31/24 Ana	lyzed: 06/05/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.506		0.500	101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500	97.0	70-130			
Surrogate: Toluene-d8	0.501		0.500	100	70-130			
LCS (2422105-BS2)						Prepared: 05	5/31/24 Ana	alyzed: 06/06/24
Gasoline Range Organics (C6-C10)	50.0	20.0	50.0	100	70-130			
Surrogate: Bromofluorobenzene	0.523		0.500	105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500	95.2	70-130			
Surrogate: Toluene-d8	0.511		0.500	102	70-130			
LCS Dup (2422105-BSD2)						Prepared: 05	5/31/24 Ana	alyzed: 06/06/24
Gasoline Range Organics (C6-C10)	48.1	20.0	50.0	96.2	70-130	3.92	20	
Surrogate: Bromofluorobenzene	0.521		0.500	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500	94.6	70-130			
Surrogate: Toluene-d8	0.509		0.500	102	70-130			



Matador Resources, LLC.Project Name:Spica 25 Federal #004 HReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo6/10/2024 10:23:24AM

Danas 171, 732 10		r roject manage		mey Groveng	-						
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: NV											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2423048-BLK1)							Prepared: 0	6/04/24 Ana	lyzed: 06/06/24		
Diesel Range Organics (C10-C28)	ND	25.0									
Oil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	54.7		50.0		109	50-200					
LCS (2423048-BS1)							Prepared: 0	6/04/24 Ana	lyzed: 06/06/24		
Diesel Range Organics (C10-C28)	308	25.0	250		123	38-132					
Surrogate: n-Nonane	56.4		50.0		113	50-200					
LCS Dup (2423048-BSD1)							Prepared: 0	6/04/24 Ana	lyzed: 06/06/24		
Diesel Range Organics (C10-C28)	307	25.0	250		123	38-132	0.194	20			
Surrogate: n-Nonane	55.9		50.0		112	50-200					

Analyst: DT

QC Summary Data

Matador Resources, LLC.	Project Name:	Spica 25 Federal #004 H	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	6/10/2024 10:23:24AM

Anions by EPA 300.0/9056A

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	
Blank (2423026-BLK1)							Prepared: 0	6/03/24	Analyzed: 06/03/24
Chloride	ND	20.0							
LCS (2423026-BS1)							Prepared: 0	6/03/24	Analyzed: 06/03/24
Chloride	252	20.0	250		101	90-110			
LCS Dup (2423026-BSD1)							Prepared: 0	6/03/24	Analyzed: 06/04/24
Chloride	251	20.0	250		101	90-110	0.336	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

Matador Resources, LLC.	Project Name:	Spica 25 Federal #004 H	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	06/10/24 10:23

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

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 1/14/2025 8:28:23 AM

Page	of
TX	Received by OCD: 12/20/2024 7:36:-
m RCRA)CD: 12
or N	//20/202
	4 7:36:4

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-				Samp	le Information	on					to by	to by	8021	8260	300.	ΝΨ	XT - 20	Meta						
Time Sampled	Date Sampled	Matrix	No. of Containers	-		Sample ID		Field	Lat Numi		DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
1114	5/24/2024	Soil	1			SS06A-0'										x								
1213	5/24/2024	Soil	1			BH01-0'			7	,						х								
1222	5/24/2024	Soil	1			BH01-4'			3	,						х								
1259	5/24/2024	Soil	1			BH02-0'			L							x								
1311	5/24/2024	Soil	1			BH02-4'			5	,						x								
1340	5/24/2024	Soil	1			BH02-8'			6	,						×								
1445	5/24/2024	Soil	1			BH03-0'			7	,						x								
1456	5/24/2024	Soil	1			вн03-4'			G	3						x								
1610	5/24/2024	Soil	1		-	BH03-8'			C							х							-	
1407	5/24/2024	Soil	1			BH04-0'			10)						x								_
Addition	nal Instructio	ns: Plea	se CC: cb	urton@e	nsolum.com,	agiovengo@enso	lum.com, chai	milto	n@en	nsol	um.c	om,	iestr	ella(ens	olur	n.cor	n	-					
I, (field sam		e validity and Shimada	authenticity	of this sampl	e. I am aware tha	t tampering with or intent	tionally mislabeling	the sa	mple loc	ation	, date	or time	e of co	llectio	n is co	nsider	ed frau	d and	may b	e grou	nds for	r legal action		
Relinguish	ed by: (Signatu	(e) (Date		Time	Monived by: Signard	ite)	Date			Time					Samp	les requ	iring th	ermal	preserv	ation m	ust be received	on ice the d	y they are
The	and the	- Jane	a 51	28/24	1030	Michelle Park	the second	12	28-2	H	10	030)	1			ed or re		packed	in ice	at an av	g temp above	D but less tha	n6℃on
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	trix: S - Soil, Sd - S								tainer		_	_		-										
						arrangements are made this COC. The liability											e clie	nt exp	ense.	The	eport	for the ana	lysis of the	above



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	Clie	nt Inform	ation			Invoice Informat	ion				La	b Us	e On	ly	_			T/	λT			Stat	е
Client: N	Matador Prod	luction Co	ompany		Cor	npany: Ensolum LLC			Lab	WO#			Job I	lum	ber	ヿ	1D	2D	3D	Std	NM	CO UT	ТХ
	Spica 25 Fed				Ad	dress: 3122 National Park	s Hwy		Lab V	105	537	7	230	$\mathcal{D}_{\mathcal{F}}$	ber -000	2				х	×		
Project N	/lanager:_Asl	hley Giov	engo		City	, State, Zip: Carlsbad NM	, 88220		. 🗀														
Address:	3122 Natio	nal Parks	Hwy		Pho	ne: 575-988-0055		-	. [Ana	lysis	and I	Met	hod				EP	A Progra	am
City, Stat	e, Zip: Carls	bad NM,	88220		<u>Em</u>	ail: agiovengo@ensolun	n.com		_												SDWA	_CWA_	RCRA
Phone: 5	<u>575-988-005</u>	5			Mis	cellaneous:			1 1					1						li			
Email: a	giovengo@e	<u>nsolum.c</u>	om	 		<u> </u>			┚┃	51	51									i I	Complian	e Y	or N
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Nn E	Lab Imber	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ ЬУ 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	•
1409	5/24/2024	Soil	1			ВН04-2'			11						x								e TX am RCRA or N
1400	5/24/2024	Soil	1			ВН05-0'			12						x								
1402	5/24/2024	Soil	1			BH05-1'			13						x								
1140	5/24/2024	Soil	1			вно6-0'			4						x								
1143	5/24/2024	Soil	1			BH06-1'			15						х							-	
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Addition	nal Instruction	ns: Ple	ase CC: cl	ourton@e	nsolum.com,	agiovengo@ensolum.com	n, chamil	ton@	ensol	um.c	om,	iestr	ella@	ens	olum	.cor	n		•				
			authenticity	of this samp	e. I am aware tha	t tampering with or intentionally mi	slabeling the	sample	location	ı, date	or tim	e of co	llection	is co	nsidere	d frau	d and	may b	e grou	nds for	legal action.		
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Krost		E.	<u>≥ 37</u>	28/24		Michelle Gane			24	1	<u>03</u>	0_				d or re	ceived		in ice a	st an av	g temp above (
Reinquish	ed byg(Signatu Melle G	re) a	es 5)	V8-24	Time 1600	Received by: (Signature)		.18	3. <i>1</i> ~	Time	70	200_			Rece	ivec	d on i	ice:	_	ab Us	ie Only		
Relinguish	led My: (Signatu	re)	Date	18:44	<u> 174∞</u>	Received by (Signature)	5	1	1/24	DE	$g\alpha$)			<u>T1</u>				<u>T2</u>			<u>T3</u>	
Relinquish	ed by: (Signatu	re)	Date		Time	Received by: (Signature)	Da			Time					AVG				{				
C	trix: S - Soil, Sd - S	solid. Se - Slu	dge. A - Aque	eous. O - Othe	r	•	lco	ntain	er Typ	e: g -	glass	. D - r	olv/i	olasti	c. ag -	ami	oer gl	ass. v	v - VC)A			



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Envirotech Analytical Laboratory

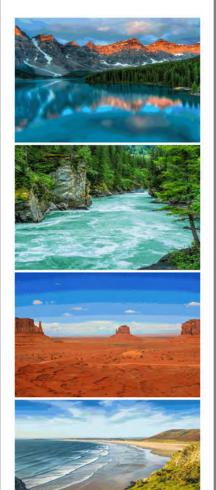
Sample Receipt Checklist (SRC)

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:	Matador Resources, LLC.	Date Received:	05/29/24 (08:00		Work Order ID:	E405377
Phone:	(972) 371-5200	Date Logged In:	05/29/24 1	2:00		Logged In By:	Angelina Pineda
Email:	agiovngo@ensolum.com	Due Date:	06/07/24	7:00 (7 day TAT)			
1. Does th 2. Does th 3. Were sa 4. Was the 5. Were al	Custody (COC) The sample ID match the COC? The number of samples per sampling site location management of the control of the	ested analyses?	Yes Yes Yes Yes Yes	Carrier: <u>C</u>	<u>ourier</u>	<u>Comment</u> :	s/Resolution
	COC indicate standard TAT, or Expedited TAT?		Yes				
9. Was a s 8. If yes, v 9. Was the 10. Were e 11. If yes, 12. Was the 13. If no v Sample C 14. Are ac 15. Are V 16. Is the 17. Was a 18. Are no 19. Is the a Field Lab 20. Were	ample cooler received? was cooler received in good condition? e sample(s) received intact, i.e., not broken? custody/security seals present? were custody/security seals intact? e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples an minutes of sampling visible ice, record the temperature. Actual sample container queous VOC samples present? OC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)? trip blank (TB) included for VOC analyses? on-VOC samples collected in the correct containers appropriate volume/weight or number of sample containers	re received w/i 15 e temperature: 4°0 e? ners collected?	Yes Yes Yes No NA Yes				
	ate/Time Collected? ollectors name?		Yes Yes				
21. Does 1 22. Are sa 24. Is lab Multipha 26. Does 1 27. If yes, Subcontr 28. Are sa 29. Was a	reservation the COC or field labels indicate the samples were pample(s) correctly preserved? filteration required and/or requested for dissolved rese Sample Matrix the sample have more than one phase, i.e., multiplatedoes the COC specify which phase(s) is to be analact Laboratory temples required to get sent to a subcontract laborate subcontract laboratory specified by the client and instruction	netals? nse? yzed? ory?	No NA No NO NA No NA	Subcontract Lab	: NA		

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: Spica 25 federal #004H

Work Order: E407162

Job Number: 01058-0007

Received: 7/22/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 7/23/24

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: 7/23/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 federal #004H

Workorder: E407162

Date Received: 7/22/2024 8:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/22/2024 8:30:00AM, under the Project Name: Spica 25 federal #004H.

The analytical test results summarized in this report with the Project Name: Spica 25 federal #004H 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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Cell: 775-287-1762

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH01-5'	5
BH01-7'	6
BH02-9'	7
BH03-10'	8
BH03-12'	9
QC Summary Data	10
QC - Volatile Organics by EPA 8021B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported.
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/23/24 13:34

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
BH01-5'	E407162-01A Soil	07/18/24	07/22/24	Glass Jar, 2 oz.
BH01-7'	E407162-02A Soil	07/18/24	07/22/24	Glass Jar, 2 oz.
BH02-9'	E407162-03A Soil	07/18/24	07/22/24	Glass Jar, 2 oz.
BH03-10'	E407162-04A Soil	07/18/24	07/22/24	Glass Jar, 2 oz.
BH03-12'	E407162-05A Soil	07/18/24	07/22/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/23/2024 1:34:12PM

BH01-5' E407162-01

		E40/102-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: BA		Batch: 2430007
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	0.147	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	0.239	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	0.328	0.0500	1	07/22/24	07/22/24	
Total Xylenes	0.567	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	07/22/24	07/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: BA		Batch: 2430007
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		108 %	70-130	07/22/24	07/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: KM		Batch: 2430001
Diesel Range Organics (C10-C28)	567	25.0	1	07/22/24	07/22/24	
Oil Range Organics (C28-C36)	161	50.0	1	07/22/24	07/22/24	
Surrogate: n-Nonane		109 %	50-200	07/22/24	07/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2430006
Chloride	26.5	20.0	1	07/22/24	07/22/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/23/2024 1:34:12PM

BH01-7'

\mathbf{F}_4	1071	162	-02

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2430007
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID		95.3 %	70-130	07/22/24	07/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2430007
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/22/24	07/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: KM		Batch: 2430001
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/22/24	
Surrogate: n-Nonane		106 %	50-200	07/22/24	07/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2430006



Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/23/2024 1:34:12PM

BH02-9'

E4071	

		Domontino				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA	<u>-</u>	Batch: 2430007
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID		94.1 %	70-130	07/22/24	07/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: BA		Batch: 2430007
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		106 %	70-130	07/22/24	07/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: KM		Batch: 2430001
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/22/24	
Surrogate: n-Nonane		101 %	50-200	07/22/24	07/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2430006
Chloride	78.2	20.0	•	07/22/24	07/22/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/23/2024 1:34:12PM

BH03-10' E407162-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B		mg/kg	Analy	yst: BA		Batch: 2430007	
Benzene	ND	0.0250	1	07/22/24	07/22/24		
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24		
Toluene	ND	0.0250	1	07/22/24	07/22/24		
o-Xylene	ND	0.0250	1	07/22/24	07/22/24		
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24		
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24		
Surrogate: 4-Bromochlorobenzene-PID		93.8 %	70-130	07/22/24	07/22/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: BA		Batch: 2430007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	07/22/24	07/22/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: KM		Batch: 2430001	
Diesel Range Organics (C10-C28)	26.7	25.0	1	07/22/24	07/22/24		
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/22/24		
Surrogate: n-Nonane		104 %	50-200	07/22/24	07/22/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2430006	
Chloride	647	20.0	1	07/22/24	07/22/24		



Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/23/2024 1:34:12PM

BH03-12'

		E407162-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	yst: BA		Batch: 2430007
Benzene	ND	0.0250	1	07/22/24	07/22/24	
Ethylbenzene	ND	0.0250	1	07/22/24	07/22/24	
Toluene	ND	0.0250	1	07/22/24	07/22/24	
o-Xylene	ND	0.0250	1	07/22/24	07/22/24	
p,m-Xylene	ND	0.0500	1	07/22/24	07/22/24	
Total Xylenes	ND	0.0250	1	07/22/24	07/22/24	
Surrogate: 4-Bromochlorobenzene-PID		93.2 %	70-130	07/22/24	07/22/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	yst: BA		Batch: 2430007
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/22/24	07/22/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		107 %	70-130	07/22/24	07/22/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	yst: KM		Batch: 2430001
Diesel Range Organics (C10-C28)	ND	25.0	1	07/22/24	07/22/24	
Oil Range Organics (C28-C36)	ND	50.0	1	07/22/24	07/22/24	
Surrogate: n-Nonane		90.8 %	50-200	07/22/24	07/22/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	yst: DT		Batch: 2430006
Chloride	469	20.0	1	07/22/24	07/22/24	



		QC Si	инни	ary Dat	а				
Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:	0	Spica 25 federa 1058-0007				_	Reported:
Artesia NM, 88210		Project Manager:	A	Ashley Gioveng	go			7	/23/2024 1:34:12PM
		Volatile O	rganics	by EPA 802	21B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2430007-BLK1)							Prepared: 0	7/22/24 Ana	alyzed: 07/22/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			
LCS (2430007-BS1)							Prepared: 0	7/22/24 Ana	alyzed: 07/22/24
Benzene	5.08	0.0250	5.00		102	70-130			
Ethylbenzene	4.74	0.0250	5.00		94.9	70-130			
Toluene	4.99	0.0250	5.00		99.7	70-130			
o-Xylene	4.82	0.0250	5.00		96.5	70-130			
p,m-Xylene	9.77	0.0500	10.0		97.7	70-130			
Total Xylenes	14.6	0.0250	15.0		97.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.56		8.00		94.5	70-130			
Matrix Spike (2430007-MS1)				Source:	E407158-	05	Prepared: 0	7/22/24 Ana	alyzed: 07/22/24
Benzene	5.68	0.0250	5.00	ND	114	54-133			
Ethylbenzene	5.30	0.0250	5.00	ND	106	61-133			
Toluene	5.59	0.0250	5.00	ND	112	61-130			
o-Xylene	5.42	0.0250	5.00	ND	108	63-131			
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131			
Total Xylenes	16.3	0.0250	15.0	ND	109	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.50		8.00		93.8	70-130			
Matrix Spike Dup (2430007-MSD1)				Source:	E407158-	05	Prepared: 0	7/22/24 Ana	alyzed: 07/22/24
Benzene	5.59	0.0250	5.00	ND	112	54-133	1.54	20	
Ethylbenzene	5.23	0.0250	5.00	ND	105	61-133	1.46	20	
Toluene	5.51	0.0250	5.00	ND	110	61-130	1.38	20	
o-Xylene	5.33	0.0250	5.00	ND	107	63-131	1.60	20	
p,m-Xylene	10.8	0.0500	10.0	ND	108	63-131	1.35	20	
Total Xylenes	16.1	0.0250	15.0	ND	107	63-131	1.43	20	

93.7

70-130



Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	7/23/2024 1:34:12PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			7/2	23/2024 1:34:12P
	Nor	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 (2430007-BLK1)							Prepared: 0	7/22/24 Ana	lyzed: 07/22/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.55		8.00		107	70-130			
LCS (2430007-BS2)							Prepared: 0	7/22/24 Ana	lyzed: 07/22/24
Gasoline Range Organics (C6-C10)	40.5	20.0	50.0		81.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.61		8.00		108	70-130			
Matrix Spike (2430007-MS2)				Source:	E407158-	05	Prepared: 0	7/22/24 Ana	lyzed: 07/22/24
Gasoline Range Organics (C6-C10)	45.1	20.0	50.0	ND	90.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.63		8.00		108	70-130			
Matrix Spike Dup (2430007-MSD2)				Source:	E407158-	05	Prepared: 0	7/22/24 Ana	lyzed: 07/22/24
Gasoline Range Organics (C6-C10)	40.6	20.0	50.0	ND	81.3	70-130	10.4	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	8.50		8.00		106	70-130			



Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo	7/23/2024 1:34:12PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			7	7/23/2024 1:34:12PM	
	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 (2430001-BLK1)							Prepared: 0	7/22/24 An	alyzed: 07/22/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	50.4		50.0		101	50-200				
LCS (2430001-BS1)							Prepared: 0	7/22/24 An	alyzed: 07/22/24	
Diesel Range Organics (C10-C28)	217	25.0	250		87.0	38-132				
Surrogate: n-Nonane	50.4		50.0		101	50-200				
Matrix Spike (2430001-MS1)				Source:	E407162-	03	Prepared: 0	7/22/24 An	alyzed: 07/22/24	
Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.7	38-132				
Surrogate: n-Nonane	51.4		50.0		103	50-200				
Matrix Spike Dup (2430001-MSD1)				Source:	E407162-	03	Prepared: 0	7/22/24 An	alyzed: 07/22/24	
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.5	38-132	0.729	20		
Surrogate: n-Nonane	52.3		50.0		105	50-200				



Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		pica 25 federal	#004H				Reported:	
Artesia NM, 88210		Project Manager:		Ashley Gioveng	50				7/23/2024 1:34:12PM	
	Anions by EPA 300.0/9056A								Analyst: DT	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2430006-BLK1)							Prepared: 07/22/24 Analyzed: 07/22/24			
Chloride	ND	20.0								
LCS (2430006-BS1)				Prep			Prepared: 0	Prepared: 07/22/24 Analyzed: 07/22/24		
Chloride	255	20.0	250		102	90-110				
Matrix Spike (2430006-MS1)				Source: E407163-01			Prepared: 0	7/22/24	Analyzed: 07/22/24	
Chloride	289	20.0	250	31.6	103	80-120				
Matrix Spike Dup (2430006-MSD1)				Source: E407163-0			Prepared: 0	7/22/24	Analyzed: 07/22/24	
Chloride	291	20.0	250	31.6	104	80-120	0.809	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:	Spica 25 federal #004H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	07/23/24 13:34

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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Dane	1 -1
Page	I OT I

	Clie	nt Inforn	nation			Invoice Information					La	b Us	e On	ly				TAT		Stat	e
Client: [Devon				Co	ompany: Devon		L	ab \	WO#			Job	Num	ber		1D	2D 3D	Std	NM CO UT	TX
Project:	Spica 25 Fed	leral #00	4H		Ac	Address: 205 E Bender Road #150			E407162 0105					58	-00	07			х	x	
	Manager: As					ty, State, Zip: Hobbs NM, 88240		_						-			-				
T - 100 C - 100 C	3122 Natio	CONTRACTOR OF THE PARTY OF THE	1.00			one: (575)748-1838			[Ana	lysis	and	Met	hod			EPA Progr	am
City, Sta	te, Zip: Carls	bad NM,	88220		E	nail: dale.woodall@dvn.com												T		SDWA CWA	RCRA
	575-988-005					cellaneous: Dale Woodall													1		
	giovengo@e		com							N.	10									Compliance Y	or N
										8015	8015			0		-	20			PWSID#	1250011533
				Sam	ple Informati	on				DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				
Time	Date Sampled	Matrix	No. of			Sample ID	Pie	Lab Numb)	J/OF	ND/DR	X by	C by	oride	00	2 100	δ 8			Remarks	5
Sampled	Date Sampled	IVIALITY	Container			Sample 10	五 百	Numb	ber	DRC	GRC	BTE	VOV	Chle	BG	TCE	RCR				
14:10	7/18/2024	Soil	1			BH01-5'		1							x						
14:21	7/18/2024	Soil	1			BH01-7'		2							x						
13:13	7/18/2024	Soil	1			BH02-9'		3							x						
10:20	7/18/2024	Soil	1			BH03-10'		4							x						
11:37	7/18/2024	Soil	1			BH03-12'		5							х						
									-												
Addition	nal Instruction	ns: Ple	ase CC:	cburton@e	ensolum.com	agiovengo@ensolum.com, da	e.wo	odall@	dvr	n.cor	m, ie:	strel	la@e	nsol	um.	om,	bdea	l@enso	olum.c	com,	
	on@ensolum							70.0			101	17.07.1				C. P.C.					
I, (field sam	pler), attest to th	e validity an	d authentic	ity of this samp	ele. I am aware tha	t tampering with or intentionally mislabelin	g the sa	mple loca	ation,	, date	or time	e of co	llection	n is co	nsidere	ed frau	id and m	nay be gro	ounds for	r legal action.	
Sampled by	:_Brandon Deal_																				
Relinquish	ned by: (Signatu	re)	Da O	7/14/224	Time	Peccived by: (Signature)	Date	19.2	4	Time	DOI	5			sampl	7716	ceived pa	100		ust be received on ice the da g temp above 0 but less tha	Contract of the contract of th
Relinquist	hed by: (Signatu	re)	ec 7	-19.24	Time	Received by: (Signature)	Date	19.		Time							d on ic		Lab Us	se Only	
Relinquish	ned by: (Signatu	re)	Da	te	7245	Received by: (Signature)	Date		-	Time	3:30				T1					<u>T3</u>	
Relinquish	ned by: (Signatu	re)	Da	te	Time	Received by: (Signature)	-			mail .					Δνα	Ten		4 ss, v - v			
Sample Ma	trix: S - Soil, Sd - S	Solid. Sp - Sh	udge, A - An	ueous, O - Oth	er	-	Con	tainer	Type	e: g -	glass	p - 1	oolv/r	olasti	c, ag	- am	ber gla	SS, V - V	OA		
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	Print Police Laboration in	Marin Control of the Control of the		and the same of the same of		this COC. The liability of the laborator													-		

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Printed: 7/22/2024 9:44:41AM

Envirotech Analytical Laboratory

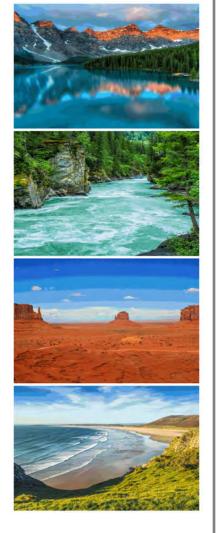
Sample Receipt Checklist (SRC)

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:	07/22/24	08:30	Work Order ID:	E407162
Phone:	(505) 382-1211	Date Logged In:	07/19/24	15:25	Logged In By:	Alexa Michaels
Email:	ashley.giovengo@wescominc.com	Due Date:	07/26/24	17:00 (4 day TAT)		
Chain a	f Custody (COC)					
			37			
	the sample ID match the COC? the number of samples per sampling site location ma	tch the COC	Yes			
	samples dropped off by client or carrier?	ion the coc	Yes Yes	Comion Courier		
	ne COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes	Carrier: Courier		
	all samples received within holding time?	sted analyses:	Yes			
J. WOIC	Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		103		Comment	s/Resolution
	<u>Turn Around Time (TAT)</u>					
6. Did th	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample						
	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was tl	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
11. If ye	s, were custody/security seals intact?		NA			
	he sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes <u>C</u>			
Sample	Container					
	aqueous VOC samples present?		No			
15. Are	VOC samples collected in VOA Vials?		NA			
	e head space less than 6-8 mm (pea sized or less)?		NA			
	a trip blank (TB) included for VOC analyses?		NA			
	non-VOC samples collected in the correct containers	?	Yes			
	appropriate volume/weight or number of sample contai		Yes			
Field La	· · ·					
•	e field sample labels filled out with the minimum info	ormation:				
	Sample ID?		Yes			
	Date/Time Collected?		Yes			
	Collectors name?		Yes			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were p	reserved?	No			
	sample(s) correctly preserved?		NA			
24. Is lat	o filteration required and/or requested for dissolved r	netals?	No			
	ase Sample Matrix					
	the sample have more than one phase, i.e., multipha		No			
27. If ye	s, does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcont	ract Laboratory					
	samples required to get sent to a subcontract laborate	ory?	No			
	a subcontract laboratory specified by the client and i	-	NA	Subcontract Lab: NA		
Client l	<u>instruction</u>					
<u>enene</u>	<u>nism action</u>					

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: Spica 25 Fed 4H

Work Order: E410288

Job Number: 01058-0007

Received: 10/24/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/30/24

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

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

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

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

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

Date Reported: 10/30/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E410288

Date Received: 10/24/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/24/2024 8:00:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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whinchman@envirotech-inc.com

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
FS76-0.5'	6
FS77-0.5'	7
FS78-0.5'	8
FS79-0.5'	9
FS80-0.5'	10
FS81-0.5'	11
FS82-0.5'	12
FS83-0.5'	13
FS84-0.5'	14
FS85-0.5'	15
FS86-0.5'	16
FS89-0.5'	17
FS91-0.5'	18
FS92-0.5'	19
FS113-0.5'	20
FS114-0.5'	21
FS115-0.5'	22
FS116-0.5'	23
FS122-0.5'	24
FS125-0.5'	25

Table of Contents (continued)

QC Summary Data	26
QC - Volatile Organic Compounds by EPA8260B	26
QC - Nonhalogenated Organics by EPA 8015D - GRO	27
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28
QC - Anions by EPA 300.0/9056A	29
Definitions and Notes	30
Chain of Custody etc.	31

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/24 15:39

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS76-0.5'	E410288-01A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS77-0.5'	E410288-02A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS78-0.5'	E410288-03A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS79-0.5'	E410288-04A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS80-0.5'	E410288-05A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS81-0.5'	E410288-06A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS82-0.5'	E410288-07A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS83-0.5'	E410288-08A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS84-0.5'	E410288-09A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS85-0.5'	E410288-10A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS86-0.5'	E410288-11A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS89-0.5'	E410288-12A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS91-0.5'	E410288-13A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS92-0.5'	E410288-14A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS113-0.5'	E410288-15A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS114-0.5'	E410288-16A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS115-0.5'	E410288-17A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS116-0.5'	E410288-18A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS122-0.5'	E410288-19A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS125-0.5'	E410288-20A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS76-0.5' E410288-01

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2443142
Benzene	ND	0.0250		1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250		1	10/24/24	10/30/24	
Toluene	ND	0.0250		1	10/24/24	10/30/24	
o-Xylene	ND	0.0250		1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500		1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250		1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0		1	10/24/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/24/24	10/28/24	
Surrogate: n-Nonane		105 %	50-200		10/24/24	10/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2444018
Chloride	ND	20.0		1	10/28/24	10/28/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS77-0.5' E410288-02

		Reporting					
Analyte	Result	Limit	Dilut	tion P	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2443142
Benzene	ND	0.0250	1	. 1	0/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	. 1	0/24/24	10/30/24	
Toluene	ND	0.0250	1	. 1	0/24/24	10/30/24	
o-Xylene	ND	0.0250	1	. 1	0/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	. 1	0/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	. 1	0/24/24	10/30/24	
Surrogate: Bromofluorobenzene		115 %	70-130	1	0/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	1	0/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130	1	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: BA			Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1		0/24/24	10/30/24	
Surrogate: Bromofluorobenzene		115 %	70-130	1	0/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	1	0/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130	1	0/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0	1	. 1	0/24/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1		0/24/24	10/28/24	
Surrogate: n-Nonane		100 %	50-200	1	0/24/24	10/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2444018

Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/30/2024 3:39:44PM

FS78-0.5' E410288-03

		E410200-03					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Analyte	Result		Dilu	ition	Trepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: I	BA		Batch: 2443142
Benzene	ND	0.0250	1	l	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	l	10/24/24	10/30/24	
Toluene	ND	0.0250	1		10/24/24	10/30/24	
o-Xylene	ND	0.0250	1	l	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	l	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1		10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: I	ВА		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	NV		Batch: 2443149
Diesel Range Organics (C10-C28)	29.5	25.0	1		10/24/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	10/24/24	10/28/24	
Surrogate: n-Nonane		106 %	50-200		10/24/24	10/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: I	OT		Batch: 2444018
Chloride	ND	20.0	1		10/28/24	10/28/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS79-0.5' E410288-04

Domit	Reporting	D:I	ution	Duomonod	Analyzad	Notes
Resuit	Limit	Dil	ution	Prepared	Anaiyzed	Notes
mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
ND	0.0250		1	10/24/24	10/30/24	
ND	0.0250		1	10/24/24	10/30/24	
ND	0.0250		1	10/24/24	10/30/24	
ND	0.0250		1	10/24/24	10/30/24	
ND	0.0500		1	10/24/24	10/30/24	
ND	0.0250		1	10/24/24	10/30/24	
	113 %	70-130		10/24/24	10/30/24	
	99.1 %	70-130		10/24/24	10/30/24	
	110 %	70-130		10/24/24	10/30/24	
mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
ND	20.0		1	10/24/24	10/30/24	
	113 %	70-130		10/24/24	10/30/24	
	99.1 %	70-130		10/24/24	10/30/24	
	110 %	70-130		10/24/24	10/30/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2443149
31.0	25.0		1	10/24/24	10/28/24	
ND	50.0		1	10/24/24	10/28/24	
	110 %	50-200		10/24/24	10/28/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2444018
ND	20.0		1	10/28/24	10/28/24	
	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 II3 % 99.1 % 110 % 110 % mg/kg mg/kg ND 20.0 113 % 99.1 % 110 % 110 % mg/kg mg/kg 31.0 25.0 ND 50.0 110 % mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 113 % 70-130 99.1 % 70-130 110 % 70-130 mg/kg mg/kg ND 20.0 113 % 70-130 110 % 70-130 mg/kg mg/kg 31.0 25.0 ND 50.0 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 70-130 1 99.1 % 70-130 110 % ND 20.0 1 113 % 70-130 1 113 % 70-130 1 110 % 70-130 1 mg/kg mg/kg Analyst: 31.0 25.0 1 ND 50.0 1 110 % 50-200 mg/kg Mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0500 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 99.1 % 70-130 10/24/24 99.1 % 70-130 10/24/24 110 % 70-130 10/24/24 99.1 % 70-130 10/24/24 99.1 % 70-130 10/24/24 110 % 70-130 10/24/24 110 % 70-130 10/24/24 110 % 70-130 10/24/24 110 % 70-130 10/24/24 110 % 70-130 10/24/24 110 % 70-130 10/24/24 110 % 70-130 10/24/24 10 /24/24 110 % 10/2	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0500 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 99.1 % 70-130 10/24/24 10/30/24 99.1 % 70-130 10/24/24 10/30/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/24/24 10/30/24 110 % 70-130 10/24/24 10/30/24 99.1 % 70-130 10/24/24 10/30/24 110 % 70-130 10/24/24 10/30/24 mg/kg mg/kg Analyst: NV 31.0



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS80-0.5' E410288-05

		E410200-03					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte	Kesuit	Lillit	Dilu	itiOII	ricparcu	Anaryzed	INUICS
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
Benzene	ND	0.0250	1	1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	1	10/24/24	10/30/24	
Toluene	ND	0.0250	1	1	10/24/24	10/30/24	
o-Xylene	ND	0.0250	1	1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/24/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/24/24	10/28/24	
Surrogate: n-Nonane		102 %	50-200	·	10/24/24	10/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444018
Chloride	ND	20.0	1	1	10/28/24	10/28/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS81-0.5' E410288-06

		2.170200 00					
Aughte	Dagult	Reporting		ntion	Duomonod	Analyzad	Notes
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
Benzene	ND	0.0250		1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250		1	10/24/24	10/30/24	
Toluene	ND	0.0250		1	10/24/24	10/30/24	
o-Xylene	ND	0.0250		1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500		1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250		1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		115 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		109 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		115 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		109 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0		1	10/24/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/24/24	10/28/24	
Surrogate: n-Nonane		106 %	50-200		10/24/24	10/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444018
Chloride	ND	20.0		1	10/28/24	10/28/24	



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/30/2024 3:39:44PM

FS82-0.5' E410288-07

		E410200-07				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilui	non Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2443142
Benzene	ND	0.0250	1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/24/24	10/30/24	
Toluene	ND	0.0250	1	10/24/24	10/30/24	
o-Xylene	ND	0.0250	1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	10/24/24	10/30/24	
Surrogate: Toluene-d8		112 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130	10/24/24	10/30/24	
Surrogate: Toluene-d8		112 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/24	10/28/24	
Surrogate: n-Nonane		98.4 %	50-200	10/24/24	10/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2444018
Chloride	ND	20.0	1	10/28/24	10/28/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS83-0.5' E410288-08

		2.170200 00					
Austra	Dk	Reporting		4:	D 4	A	Nister
Analyte	Result	Limit	Dili	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
Benzene	ND	0.0250		1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250		1	10/24/24	10/30/24	
Toluene	ND	0.0250		1	10/24/24	10/30/24	
o-Xylene	ND	0.0250		1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500		1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250		1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		115 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		115 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.1 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0	•	1	10/24/24	10/28/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	10/24/24	10/28/24	
Surrogate: n-Nonane		104 %	50-200		10/24/24	10/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444018
Chloride	ND	20.0		1	10/28/24	10/29/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS84-0.5' E410288-09

Dl4	Reporting	P.1		Downer	A a la a -!	Noton
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
ND	0.0250		1	10/24/24	10/30/24	
ND	0.0250		1	10/24/24	10/30/24	
ND	0.0250		1	10/24/24	10/30/24	
ND	0.0250		1	10/24/24	10/30/24	
ND	0.0500		1	10/24/24	10/30/24	
ND	0.0250		1	10/24/24	10/30/24	
	114 %	70-130		10/24/24	10/30/24	
	95.9 %	70-130		10/24/24	10/30/24	
	110 %	70-130		10/24/24	10/30/24	
mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
ND	20.0		1	10/24/24	10/30/24	
	114 %	70-130		10/24/24	10/30/24	
	95.9 %	70-130		10/24/24	10/30/24	
	110 %	70-130		10/24/24	10/30/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2443149
ND	25.0		1	10/24/24	10/28/24	-
ND	50.0		1	10/24/24	10/28/24	
	102 %	50-200	·	10/24/24	10/28/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2444018
ND	20.0		1	10/28/24	10/29/24	
	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 III % 95.9 % 110 % mg/kg mg/kg ND 20.0 114 % 95.9 % 110 % 110 % mg/kg mg/kg ND 25.0 ND 50.0 102 % mg/kg mg/kg mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 II4 % 70-130 95.9 % 70-130 II0 % 70-130 mg/kg mg/kg ND 20.0 II4 % 70-130 95.9 % 70-130 II0 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 I02 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 95.9 % 70-130 70-130 mg/kg mg/kg Analyst: ND 20.0 1 114 % 70-130 70-130 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 102 % 50-200 mg/kg mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0500 1 10/24/24 ND 0.0250 1 10/24/24 ND 70-130 10/24/24 95.9 % 70-130 10/24/24 110 % 70-130 10/24/24 MD 20.0 1 10/24/24 95.9 % 70-130 10/24/24 95.9 % 70-130 10/24/24 110 % 70-130 10/24/24 110 % 70-130 10/24/24 110 % 70-130 10/24/24 10 % 70-130 10/24/24 ND 25.0 1 10/24/24 ND 50.0 1 10/24/24 ND <	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0500 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 70-130 10/24/24 10/30/24 110 % 70-130 10/24/24 10/30/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/24/24 10/30/24 114 % 70-130 10/24/24 10/30/24 110 % 70-130 10/24/24 10/30/24 110 % 70-130 10/24/24 10/30/24 10% 70-130



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/30/2024 3:39:44PM

FS85-0.5' E410288-10

		E-110200-10					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilu	шоп	rrepared	Anatyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	BA		Batch: 2443142
Benzene	ND	0.0250	1	1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	1	10/24/24	10/30/24	
Toluene	ND	0.0250	1	1	10/24/24	10/30/24	
o-Xylene	ND	0.0250	1	1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.2 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	NV		Batch: 2443149
Diesel Range Organics (C10-C28)	59.5	25.0	1	1	10/24/24	10/28/24	
Oil Range Organics (C28-C36)	68.2	50.0	1	1	10/24/24	10/28/24	
Surrogate: n-Nonane		104 %	50-200		10/24/24	10/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	DT		Batch: 2444018
Chloride	ND	20.0	1	1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS86-0.5' E410288-11

		Reporting					
Analyte	Result	Limit	Dilut	tion Prej	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA			Batch: 2443142
Benzene	ND	0.0250	1	10/2	24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/2	24/24	10/30/24	
Toluene	ND	0.0250	1	10/2	24/24	10/30/24	
o-Xylene	ND	0.0250	1	10/2	24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/2	24/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/2	24/24	10/30/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/2	24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	10/2	24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130	10/2	24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA			Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/2	24/24	10/30/24	
Surrogate: Bromofluorobenzene		112 %	70-130	10/2	24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	10/2	24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130	10/2	24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV			Batch: 2443149
Diesel Range Organics (C10-C28)	28.2	25.0	1	10/2	24/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/2	24/24	10/28/24	
Surrogate: n-Nonane		101 %	50-200	10/2	24/24	10/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: DT			Batch: 2444018
	ND				28/24	10/29/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS89-0.5' E410288-12

		E410200-12					
Austra	D16	Reporting Limit	Dilu	4 :	D 1	A a large 1	Notes
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: B	A		Batch: 2443142
Benzene	ND	0.0250	1		10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1		10/24/24	10/30/24	
Toluene	ND	0.0250	1		10/24/24	10/30/24	
p-Xylene	ND	0.0250	1		10/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1		10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	ļ	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: B	A		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	V		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0	1		10/24/24	10/28/24	
Oil Range Organics (C28-C36)	ND	50.0	1		10/24/24	10/28/24	
Surrogate: n-Nonane		102 %	50-200		10/24/24	10/28/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: D	Γ		Batch: 2444018
Chloride	ND	20.0	1		10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS91-0.5' E410288-13

		E410200-15					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	BA		Batch: 2443142
Benzene	ND	0.0250		 1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	1	10/24/24	10/30/24	
Toluene	ND	0.0250	1	1	10/24/24	10/30/24	
o-Xylene	ND	0.0250	1	1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		117 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		117 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/24/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/24/24	10/29/24	
Surrogate: n-Nonane		109 %	50-200		10/24/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	DT		Batch: 2444018
Chloride	ND	20.0	1	1	10/28/24	10/29/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS92-0.5' E410288-14

Analyte	Result	Reporting Limit	Dilut	tion Prepa	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: BA	•	Batch: 2443142
Benzene	ND	0.0250	1		/24 10/30/24	
Ethylbenzene	ND	0.0250	1	10/24	/24 10/30/24	
Toluene	ND	0.0250	1	10/24	/24 10/30/24	
o-Xylene	ND	0.0250	1	10/24	/24 10/30/24	
p,m-Xylene	ND	0.0500	1	10/24	/24 10/30/24	
Total Xylenes	ND	0.0250	1	10/24	/24 10/30/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/24	//24 10/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/24	//24 10/30/24	
Surrogate: Toluene-d8		110 %	70-130	10/24	/24 10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24	/24 10/30/24	
Surrogate: Bromofluorobenzene		113 %	70-130	10/24	//24 10/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/24	//24 10/30/24	
Surrogate: Toluene-d8		110 %	70-130	10/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24	/24 10/29/24	-
Oil Range Organics (C28-C36)	ND	50.0	1	10/24	/24 10/29/24	
Surrogate: n-Nonane		103 %	50-200	10/24	//24 10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2444018
Chloride	ND	20.0	1	10/28	/24 10/29/24	

Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/30/2024 3:39:44PM

FS113-0.5' E410288-15

Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
mø/kø	mo/ko		Analyst: 1	BA		Batch: 2443142
		1			10/30/24	Battan 2 1 10 1 12
			I			
		1	I			
			I			
ND	0.0230			10/24/24	10/30/24	
	115 %	70-130		10/24/24	10/30/24	
	95.2 %	70-130		10/24/24	10/30/24	
	109 %	70-130		10/24/24	10/30/24	
mg/kg	mg/kg		Analyst: 1	BA		Batch: 2443142
ND	20.0	1	1	10/24/24	10/30/24	
	115 %	70-130		10/24/24	10/30/24	
	95.2 %	70-130		10/24/24	10/30/24	
	109 %	70-130		10/24/24	10/30/24	
mg/kg	mg/kg		Analyst: 1	NV		Batch: 2443149
ND	25.0	1	1	10/24/24	10/29/24	
ND	50.0	1	1	10/24/24	10/29/24	
	103 %	50-200		10/24/24	10/29/24	
mg/kg	mg/kg		Analyst: 1	DT		Batch: 2444018
ND	20.0	1	1	10/28/24	10/29/24	
	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 II5 % 95.2 % 109 % mg/kg ND 20.0 I15 % 95.2 % 109 % 109 % mg/kg mg/kg ND 25.0 ND 50.0 103 % mg/kg mg/kg mg/kg	Result Limit Dilk mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ID 0.0250 ID 70-130 95.2 % 70-130 ID 70-130 mg/kg mg/kg ND 20.0 ID 70-130 ID 70-130 mg/kg mg/kg ND 25.0 ND 50.0 ID 50.200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0500 1 ND 0.0250 1 ND 70-130 1 95.2 % 70-130 1 109 % 70-130 1 MD 20.0 1 115 % 70-130 1 95.2 % 70-130 1 109 % 70-130 1 mg/kg mg/kg Analyst: 1 ND 25.0 1 ND 50.0 1 103 % 50-200 mg/kg Analyst: 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0500 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 95.2 % 70-130 10/24/24 109 % 70-130 10/24/24 109 % 70-130 10/24/24 95.2 % 70-130 10/24/24 109 % 70-130 10/24/24 109 % 70-130 10/24/24 109 % 70-130 10/24/24 109 % 70-130 10/24/24 109 % 70-130 10/24/24 ND 25.0 1 10/24/24 ND 50.0 1 10/24/24 ND	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 10/24/24 10/30/24 ND 0.0500 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 95.2 % 70-130 10/24/24 10/30/24 95.2 % 70-130 10/24/24 10/30/24 mg/kg mg/kg Analyst: BA ND 20.0 1 10/24/24 10/30/24 95.2 % 70-130 10/24/24 10/30/24 95.2 % 70-130 10/24/24 10/30/24 109 % 70-130 10/24/24 10/30/24 mg/kg mg/k



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS114-0.5' E410288-16

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2443142
Benzene	ND	0.0250	1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/24/24	10/30/24	
Toluene	ND	0.0250	1	10/24/24	10/30/24	
o-Xylene	ND	0.0250	1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	10/24/24	10/30/24	
Surrogate: Toluene-d8		109 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		115 %	70-130	10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	10/24/24	10/30/24	
Surrogate: Toluene-d8		109 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/24	10/29/24	
Surrogate: n-Nonane		102 %	50-200	10/24/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2444018

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS115-0.5' E410288-17

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2443142
Benzene	ND	0.0250	1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/24/24	10/30/24	
Toluene	ND	0.0250	1	10/24/24	10/30/24	
o-Xylene	ND	0.0250	1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	10/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	10/24/24	10/30/24	
Surrogate: Toluene-d8		110 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0	1	10/24/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/24/24	10/29/24	
Surrogate: n-Nonane		102 %	50-200	10/24/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: DT		Batch: 2444018
Chloride	ND	20.0	1	10/28/24	10/29/24	_

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS116-0.5' E410288-18

		2.10200 10					
	D. I	Reporting		<i>.</i> ·	D 1		N
Analyte	Result	Limit	Dili	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
Benzene	ND	0.0250		1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250		1	10/24/24	10/30/24	
Toluene	ND	0.0250		1	10/24/24	10/30/24	
o-Xylene	ND	0.0250		1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500		1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250		1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0		1	10/24/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/24/24	10/29/24	
Surrogate: n-Nonane		103 %	50-200		10/24/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444018
Chloride	ND	20.0	_	1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS122-0.5' E410288-19

		E410200-17					
Analyte	Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
Audiyu	Result	Lillit	Dilu	ши	1 repared	Analyzeu	TYOICS
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
Benzene	ND	0.0250	1	1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	1	10/24/24	10/30/24	
Toluene	ND	0.0250	1	1	10/24/24	10/30/24	
o-Xylene	ND	0.0250	1	1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		109 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		109 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/24/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/24/24	10/29/24	
Surrogate: n-Nonane		105 %	50-200		10/24/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444018
Chloride	ND	20.0	1	1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

FS125-0.5' E410288-20

		E410200-20					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Analyte	Result	Limit	Diit	шоп	rrepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2443142
Benzene	ND	0.0250		1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250		1	10/24/24	10/30/24	
Toluene	ND	0.0250		1	10/24/24	10/30/24	
o-Xylene	ND	0.0250		1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500		1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250		1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2443142
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	10/24/24	10/30/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/24/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		10/24/24	10/30/24	
Surrogate: Toluene-d8		111 %	70-130		10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2443149
Diesel Range Organics (C10-C28)	ND	25.0		1	10/24/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	:	1	10/24/24	10/29/24	
Surrogate: n-Nonane		97.0 %	50-200		10/24/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2444018
Chloride	ND	20.0		1	10/28/24	10/29/24	



QC Summary Data

Devon Energy - CarlsbadProject Name:Spica 25 Fed 4HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo10/30/2024 3:39:44PM

0.00 / 14.01511)		r reject r tarrie er.	0.						
Artesia NM, 88210		Project Manager	: As	shley Gioveng	go			10/	30/2024 3:39:44PI
Volatile Organic Compounds by EPA 8260B Analyst: BA									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2443142-BLK1)]	Prepared: 1	0/24/24 Anal	yzed: 10/30/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.580		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.565		0.500		113	70-130			
LCS (2443142-BS1)]	Prepared: 10	0/24/24 Anal	yzed: 10/30/24
Benzene	2.23	0.0250	2.50		89.3	70-130			
Ethylbenzene	2.28	0.0250	2.50		91.2	70-130			
Toluene	2.28	0.0250	2.50		91.3	70-130			
o-Xylene	2.45	0.0250	2.50		98.2	70-130			
p,m-Xylene	4.90	0.0500	5.00		98.1	70-130			
Total Xylenes	7.36	0.0250	7.50		98.1	70-130			
Surrogate: Bromofluorobenzene	0.607		0.500		121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.555		0.500		111	70-130			
LCS Dup (2443142-BSD1)						1	Prepared: 10	0/24/24 Anal	yzed: 10/30/24
Benzene	2.32	0.0250	2.50		92.6	70-130	3.65	23	
Ethylbenzene	2.37	0.0250	2.50		94.7	70-130	3.70	27	
Toluene	2.36	0.0250	2.50		94.5	70-130	3.44	24	
o-Xylene	2.58	0.0250	2.50		103	70-130	4.85	27	
p,m-Xylene	5.13	0.0500	5.00		103	70-130	4.46	27	
Total Xylenes	7.70	0.0250	7.50		103	70-130	4.59	27	
Surrogate: Bromofluorobenzene	0.597		0.500		119	70-130			

0.500

0.500

92.3

70-130

70-130



Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.462

0.543

QC Summary Data

Devon Energy - CarlsbadProject Name:Spica 25 Fed 4HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo10/30/20243:39:44PM

Nonhalogenated	Organics by	EPA	.8015D -	GRO

Analy	zet.	R

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

Blank (2443142-BLK1)						Prepared: 10)/24/24 An	alyzed: 10/30/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.580		0.500	116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500	95.3	70-130			
Surrogate: Toluene-d8	0.565		0.500	113	70-130			
LCS (2443142-BS2)						Prepared: 10)/24/24 An	alyzed: 10/30/24
Gasoline Range Organics (C6-C10)	41.4	20.0	50.0	82.7	70-130			
Surrogate: Bromofluorobenzene	0.605		0.500	121	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500	92.3	70-130			
Surrogate: Toluene-d8	0.568		0.500	114	70-130			
LCS Dup (2443142-BSD2)						Prepared: 10)/24/24 An	alyzed: 10/30/24
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0	91.1	70-130	9.65	20	
Surrogate: Bromofluorobenzene	0.596		0.500	119	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500	94.2	70-130			
Surrogate: Toluene-d8	0.565		0.500	113	70-130			



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/2024 3:39:44PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			1	0/30/2024 3:39:44P
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2443149-BLK1)							Prepared: 1	0/24/24 An	nalyzed: 10/28/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.9		50.0		102	50-200			
LCS (2443149-BS1)							Prepared: 1	0/24/24 An	alyzed: 10/28/24
Diesel Range Organics (C10-C28)	325	25.0	250		130	38-132			
Surrogate: n-Nonane	53.2		50.0		106	50-200			
Matrix Spike (2443149-MS1)				Source:	E410288-	07	Prepared: 1	0/24/24 An	alyzed: 10/28/24
Diesel Range Organics (C10-C28)	331	25.0	250	ND	132	38-132			
Surrogate: n-Nonane	52.4		50.0		105	50-200			
Matrix Spike Dup (2443149-MSD1)				Source:	E410288-	07	Prepared: 1	0/24/24 An	alyzed: 10/28/24
Diesel Range Organics (C10-C28)	328	25.0	250	ND	131	38-132	0.869	20	
Surrogate: n-Nonane	53.1		50.0		106	50-200			

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:		pica 25 Fed 4F 1058-0007	I				Reported:	
Artesia NM, 88210		Project Manager		shley Gioveng	go			1	0/30/2024 3:39:44PM
		Anions	by EPA	300.0/9056 <i>A</i>	1				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2444018-BLK1)							Prepared: 10	0/28/24 An	alyzed: 10/28/24
Chloride	ND	20.0							
LCS (2444018-BS1)							Prepared: 10	0/28/24 An	alyzed: 10/28/24
Chloride	251	20.0	250		100	90-110			
LCS Dup (2444018-BSD1)							Prepared: 10	0/28/24 An	alyzed: 10/28/24
Chloride	251	20.0	250		100	90-110	0.183	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:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/30/24 15:39

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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Client: Devon Energy Bill To								Lab	Use	e Onl	V				TA	EPA	Program		
	Spica 25		44		Attention: Jim Raley		Lah	WO#			Job Number		r	1D 2D		3D	Standa		
	Manager: As			_	Address: 5315 Buena Vista Dr		FL	110			NO58.0007			73/		X	12.000	TILLE	
	3122 Natio		77.7		City, State, Zip: Carlsbad NM,		_	1100	× 0 (Method			_			RCRA
	e, Zip: Carls				Phone: (575)689-7597			>	T		1								
-	575-988-005		OOLLO		Email: jim.raley@dvn.com			ROb						State					
	giovengo@e		om		Email: Jima aley@dvii.com		1	0/0				0		> NMI COLUTI AZ			Z TX		
Report d		nisoranni.	.0111					J/DR	8021	8260	2010	300.		z X V					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		верос		GDOC		Remar	ks
0948	10/22/24	5	1	F	576-0.51	1								Х					
0950		ı	1		577-0.51	2								1					
1607				F	578-0,5'	3													
1005					579-0.51	4													
0951					580-0.51	5													
1002				F	181-05	6													
0954				F	582-0.5	7													
1001				Ĩ-	-583-0.5	8													
0959				j.	-384-0.51	9													
1008	1		1		-585-0.5'	10								7					
Addition	al Instructio	ns: Ple	ase CC: c	burton@enso	lum.com, agiovengo@ensolum.com	n, chamilton@e	nsolu	ım.co	m, ie	stre	ella@	ensol	um.con	n, oad	deri	nto@	ensolum.	com,	
	z@ensolum.				2 3 10 3 7 5 TRADE N. 100 2 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Walter Day of the Color of the	46000	100			Camel	e som ilai-	a thoras I		tion -	et ha	colued on in-	he day they are s	ampled or
And of the Principle	ALL OF THE PARTY OF				I am aware that tampering with or intentionally megal action. Sampled by: Ohace	1 11		ion,			100000000000000000000000000000000000000							on subsequent da	
	C. C	RATE AL. O. CELEVISION	raud and ma	y be grounds for le	Total or on the second second	14 - 15 -		Time	_					1.	h II	no On	lv.		
	ed by: (Signatu		10		20 Michelle Gonza	des 10-23;	24	11	20	Received on ice: Lab Use Only N									
- 4	ed by: (Signatu	11	8 10		Received by: (Signature)	10.23	3.24	Time	173	30 T1 T2 T3									
Religiquish	ed by: (Signatu	re)	Date			~ Pate 0.24	.24	Time.	0			Temp	°C	4					
Sample Ma	trix: S - Soil, Sd -	Solid, Sg - Sl	udge, A - Aqu	ueous, O - Other		Containe	r Type	e: g - g	glass, p	_			_	er gla	ass, v	- VOA	1		
					unless other arrangements are made. Haza													the analysis	of the above
					oratory with this COC. The liability of the lab														



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

envirotects

28

Client: [Devon Energy				Bill To			-	Lab) Us	e On	ly				TA	T	EPA PI	rogram
	Spica 2		44		Attention: Jim Raley		Lab	WO#				Numl		1D 2D 3D Standard			Standard	CWA	SDWA
	Manager: Asl				Address: 5315 Buena Vista Dr		E	410	28	J	01028-10021		10001				X		New Toll
Address	: 3122 Nation	nal Parks	Hwy		City, State, Zip: Carlsbad NM, 882	20					Analy	sis an	d Method	4					RCRA
City, Sta	te, Zip: Carls	bad NM,	88220		Phone: (575)689-7597			by	- 1		1	/							
Phone:	575-988-005	5			Email: jim.raley@dvn.com			ORO					State						
Email: a	giovengo@e	nsolum.c	om					30/0	н	0	NM CO U			UT AZ	TX				
Report o	lue by:								3/0F 802 8260		6010	300		V		¥	X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	ВТЕХ БУ 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	
1011	10/22/24	5	- (FS	86-0,51	11								X					
1013			1	FS	89 - 0,51	12		Щ						1					
1017				F:	591-0.5	13													
1321				F	592-0,51	14													
0957				F:	5113-0.51	15													
0956				F	5114-0.51	16													
1019				F	5/15-0.5	17													
1020				F	5116-0.5	18													
1022				Į.	5122-0.51	19													
1343	1	1	1	F	5/25-0,5	20								1					
Addition	nal Instructio	ns: Ple	ase CC: c	burton@ensc	lum.com, agiovengo@ensolum.com, cl	amilton@e	ensol	um.c	om, ie	str	ella@	enso	olum.con	n, oa	aderi	nto@	ensolum.com	١,	
I, (field sam		e validity an			am aware that tampering with or intentionally mislab			ion,									ceived on ice the day less than 6 °C on sub		oled or
136. 00. 25. 16. 00.	ACTIVITIES CONTRACTOR	AND THE PROPERTY OF	12/20/20/20/20/20	y be grounds for l	40.000			T=:			receive	cu pack	a mice at an					ocquerit days:	
1	ned by: (Signatu			123/24 1	120 Michelle Gonzales	Date 10-23	24	Time	20		Rec	eived	on ice:		AB U Y)/ N	se On I	ily		
Mich	red by: (Signatur	ngales	Date 10	The second second second	1. 20	Date 16.23	3.24	Time 17	3	2	T1			T2			T3		
Relinquis	ed by: (Bignatu	re)	Date	.7324 TO	133 Received by Signature	Date D		Time	00		AVG	i Tem	p °C	4					
	trix: S - Soil, Sd - S												, ag - amb						
					unless other arrangements are made. Hazardou									ient e	expens	se. Th	e report for the	analysis of	the above
samples is	applicable only	to those s	amples rec	eived by the lab	oratory with this COC. The liability of the laborat	ory is limited	to the	amou	nt paid	for	on the	repo	rt.						



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

Printed: 10/24/2024 8:50:30AM

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:	10/24/24 08:	00	Work Order ID:	E410288
Phone:	(505) 382-1211	Date Logged In:	10/23/24 13:	38	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	10/30/24 17:	:00 (4 day TAT)	•••	
1. Does th 2. Does th 3. Were sa	Custody (COC) e sample ID match the COC? e number of samples per sampling site location mat umples dropped off by client or carrier? e COC complete, i.e., signatures, dates/times, reques		Yes Yes Yes Yes	Carrier: <u>C</u>	<u>Courier</u>	
5. Were al	I samples received within holding time?	-	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic			ı	Comme	nts/Resolution
	urn Around Time (TAT)				Project Spica 25 Fed 4	H has been
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C					separated into 2 report	-
	ample cooler received?		Yes		volume. WO are E410	288 & E410289.
•	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 are minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C	Container	_				
	ueous 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			
Field Lab	el					
20. Were Sa	ineld sample labels filled out with the minimum info ample ID? ate/Time Collected? ollectors name?	rmation:	Yes Yes Yes			
Sample P	<u>reservation</u>					
21. Does	the COC or field labels indicate the samples were pr	eserved?	No			
	mple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved m	etals?	No			
Multipha	se Sample Matrix					
26. Does	he sample have more than one phase, i.e., multiphas	se?	No			
27. If yes,	does the COC specify which phase(s) is to be analy	zed?	NA			
Subcontr	act Laboratory					
28. Are sa	mples required to get sent to a subcontract laborator subcontract laboratory specified by the client and if	•	No NA Si	l 4 T - l-	NI 4	
		SO WIIO:	IVA S	ubcontract Lab	O, INA	
Client In	struction					

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: Spica 25 Fed 4H

Work Order: E410289

Job Number: 01058-0007

Received: 10/24/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/1/24

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: 11/1/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E410289

Date Received: 10/24/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/24/2024 8:00:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H 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

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ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS126-0.5'	5
FS128-0.5'	6
FS129-0.5'	7
FS130-0.5'	8
FS131-0.5'	9
FS143-0.5'	10
FS144-0.5'	11
FS145-0.5'	12
FS148-0.5'	13
FS149-0.5'	14
FS150-0.5'	15
FS151-0.5'	16
QC Summary Data	17
QC - Volatile Organics by EPA 8021B	17
QC - Nonhalogenated Organics by EPA 8015D - GRO	18
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	19
QC - Anions by EPA 300.0/9056A	20
Definitions and Notes	21
Chain of Custody etc.	22

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/01/24 10:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS126-0.5'	E410289-01A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS128-0.5'	E410289-02A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS129-0.5'	E410289-03A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS130-0.5'	E410289-04A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS131-0.5'	E410289-05A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS143-0.5'	E410289-06A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS144-0.5'	E410289-07A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS145-0.5'	E410289-08A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS148-0.5'	E410289-09A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS149-0.5'	E410289-10A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS150-0.5'	E410289-11A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.
FS151-0.5'	E410289-12A	Soil	10/22/24	10/24/24	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS126-0.5' E410289-01

		E410289-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2443143
Benzene	ND	0.0250	1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/24/24	10/30/24	
Toluene	ND	0.0250	1	10/24/24	10/30/24	
p-Xylene	ND	0.0250	1	10/24/24	10/30/24	
o,m-Xylene	ND	0.0500	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/24/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2443143
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444090
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		95.2 %	50-200	10/30/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2444027
Chloride	ND	20.0	1	10/28/24	10/28/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS128-0.5'

E410289-02						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2443143
Benzene	ND	0.0250	1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/24/24	10/30/24	
Toluene	ND	0.0250	1	10/24/24	10/30/24	
o-Xylene	ND	0.0250	1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/24/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2443143
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6%	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2444090
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		94.1 %	50-200	10/30/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2444027
Chloride	ND	20.0	1	10/28/24	10/28/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS129-0.5' E410289-03

E410267-03						
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2443143
Benzene	ND	0.0250	1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/24/24	10/30/24	
Coluene	ND	0.0250	1	10/24/24	10/30/24	
-Xylene	ND	0.0250	1	10/24/24	10/30/24	
o,m-Xylene	ND	0.0500	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/24/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2443143
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444090
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		94.6 %	50-200	10/30/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2444027
Chloride	ND	20.0	1	10/28/24	10/28/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS130-0.5' E410289-04

		E+10207-0+				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2443143
Benzene	ND	0.0250	1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/24/24	10/30/24	
Toluene	ND	0.0250	1	10/24/24	10/30/24	
o-Xylene	ND	0.0250	1	10/24/24	10/30/24	
o,m-Xylene	ND	0.0500	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/24/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2443143
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444090
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		95.3 %	50-200	10/30/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2444027
Chloride	ND	20.0	1	10/28/24	10/28/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS131-0.5' E410289-05

	L410207 03				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2443143
ND	0.0250	1	10/24/24	10/30/24	
ND	0.0250	1	10/24/24	10/30/24	
ND	0.0250	1	10/24/24	10/30/24	
ND	0.0250	1	10/24/24	10/30/24	
ND	0.0500	1	10/24/24	10/30/24	
ND	0.0250	1	10/24/24	10/30/24	
	88.8 %	70-130	10/24/24	10/30/24	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2443143
ND	20.0	1	10/24/24	10/30/24	
	90.7 %	70-130	10/24/24	10/30/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2444090
ND	25.0	1	10/30/24	10/30/24	
ND	50.0	1	10/30/24	10/30/24	
	90.7 %	50-200	10/30/24	10/30/24	
mg/kg	mg/kg	Anal	yst: WF		Batch: 2444027
ND	20.0	1	10/28/24	10/28/24	
	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 88.8 % mg/kg MD 20.0 90.7 % mg/kg ND 25.0 ND 50.0 90.7 % 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 88.8 % 70-130 mg/kg mg/kg Anal ND 20.0 1 90.7 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 90.7 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0500 1 10/24/24 ND 0.0250 1 10/24/24 ND 0.0250 1 10/24/24 mg/kg mg/kg Analyst: SL mg/kg mg/kg Analyst: SL ND 20.0 1 10/24/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/30/24 ND 50.0 1 10/30/24 ND 50.0 1 10/30/24 mg/kg mg/kg Analyst: WF	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0500 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 ND 0.0250 1 10/24/24 10/30/24 88.8 % 70-130 10/24/24 10/30/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/24/24 10/30/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/30/24 10/30/24 ND 25.0 1 10/30/24 10/30/24 ND 50.0 1 10/30/24 10/30/24 ND 50.0 1 10/30/24 10/30/24 Mg/kg



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS143-0.5' E410289-06

		E410209-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2443143
Benzene	ND	0.0250	1	10/24/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/24/24	10/30/24	
Toluene	ND	0.0250	1	10/24/24	10/30/24	
o-Xylene	ND	0.0250	1	10/24/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/24/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/24/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		89.4 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2443143
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	10/24/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444090
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		97.3 %	50-200	10/30/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2444027
Chloride	ND	20.0	1	10/28/24	10/28/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS144-0.5'

E410289-07							
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2443143	
Benzene	ND	0.0250	1	10/24/24	10/30/24		
Ethylbenzene	ND	0.0250	1	10/24/24	10/30/24		
Toluene	ND	0.0250	1	10/24/24	10/30/24		
o-Xylene	ND	0.0250	1	10/24/24	10/30/24		
o,m-Xylene	ND	0.0500	1	10/24/24	10/30/24		
Total Xylenes	ND	0.0250	1	10/24/24	10/30/24		
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	10/24/24	10/30/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2443143	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/30/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	10/24/24	10/30/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2444090	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24		
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24		
Surrogate: n-Nonane		97.3 %	50-200	10/30/24	10/30/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2444027	
Chloride	ND	20.0	1	10/28/24	10/28/24		



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS145-0.5' E410289-08

		E410289-08				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Allalyte	Kesuit	Lillit	Dilution	Trepared	Anaryzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2443143
Benzene	ND	0.0250	1	10/24/24	10/31/24	
Ethylbenzene	ND	0.0250	1	10/24/24	10/31/24	
Toluene	ND	0.0250	1	10/24/24	10/31/24	
o-Xylene	ND	0.0250	1	10/24/24	10/31/24	
p,m-Xylene	ND	0.0500	1	10/24/24	10/31/24	
Total Xylenes	ND	0.0250	1	10/24/24	10/31/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	10/24/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2443143
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	10/24/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2444090
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		94.5 %	50-200	10/30/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: WF		Batch: 2444027
Chloride	ND	20.0	1	10/28/24	10/28/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS148-0.5' E410289-09

		E-10207-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2443143
Benzene	ND	0.0250	1	10/24/24	10/31/24	
Ethylbenzene	ND	0.0250	1	10/24/24	10/31/24	
Toluene	ND	0.0250	1	10/24/24	10/31/24	
o-Xylene	ND	0.0250	1	10/24/24	10/31/24	
p,m-Xylene	ND	0.0500	1	10/24/24	10/31/24	
Total Xylenes	ND	0.0250	1	10/24/24	10/31/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	10/24/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2443143
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	10/24/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444090
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		93.4 %	50-200	10/30/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: WF		Batch: 2444027
Chloride	ND	20.0	1	10/28/24	10/28/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS149-0.5' E410289-10

		E410289-10				
Austra	Result	Reporting Limit	Dilution	D	A la d	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2443143
Benzene	ND	0.0250	1	10/24/24	10/31/24	
Ethylbenzene	ND	0.0250	1	10/24/24	10/31/24	
Toluene	ND	0.0250	1	10/24/24	10/31/24	
o-Xylene	ND	0.0250	1	10/24/24	10/31/24	
p,m-Xylene	ND	0.0500	1	10/24/24	10/31/24	
Total Xylenes	ND	0.0250	1	10/24/24	10/31/24	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	10/24/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2443143
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/31/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	10/24/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444090
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24	
Surrogate: n-Nonane		99.3 %	50-200	10/30/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: WF		Batch: 2444027
Chloride	ND	20.0	1	10/28/24	10/28/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS150-0.5'

		E410289-11											
	Reporting												
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes							
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2443143							
Benzene	ND	0.0250	1	10/24/24	10/31/24								
Ethylbenzene	ND	0.0250	1	10/24/24	10/31/24								
Toluene	ND	0.0250	1	10/24/24	10/31/24								
o-Xylene	ND	0.0250	1	10/24/24	10/31/24								
p,m-Xylene	ND	0.0500	1	10/24/24	10/31/24								
Total Xylenes	ND	0.0250	1	10/24/24	10/31/24								
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	10/24/24	10/31/24								
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2443143							
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/31/24								
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	10/24/24	10/31/24								
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2444090							
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24								
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24								
Surrogate: n-Nonane		98.8 %	50-200	10/30/24	10/30/24								
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: WF		Batch: 2444027							
Chloride	ND	20.0	1	10/28/24	10/28/24								



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

FS151-0.5'

		E410289-12											
	Reporting												
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes							
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2443143							
Benzene	ND	0.0250	1	10/24/24	10/31/24								
Ethylbenzene	ND	0.0250	1	10/24/24	10/31/24								
Toluene	ND	0.0250	1	10/24/24	10/31/24								
o-Xylene	ND	0.0250	1	10/24/24	10/31/24								
p,m-Xylene	ND	0.0500	1	10/24/24	10/31/24								
Total Xylenes	ND	0.0250	1	10/24/24	10/31/24								
Surrogate: 4-Bromochlorobenzene-PID		89.6 %	70-130	10/24/24	10/31/24								
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2443143							
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/24/24	10/31/24								
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	10/24/24	10/31/24								
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2444090							
Diesel Range Organics (C10-C28)	ND	25.0	1	10/30/24	10/30/24								
Oil Range Organics (C28-C36)	ND	50.0	1	10/30/24	10/30/24								
Surrogate: n-Nonane		96.4 %	50-200	10/30/24	10/30/24								
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: WF		Batch: 2444027							
Chloride	ND	20.0	1	10/28/24	10/28/24								



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo	11/1/2024 10:17:52AM

Artesia NM, 88210	Project Manager	: As		11/	1/2024 10:17:52AM				
		Volatile C	rganics b	y EPA 802	21B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2443143-BLK1)						1	Prepared: 1	0/24/24 Anal	yzed: 10/30/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.15		8.00		89.4	70-130			
LCS (2443143-BS1)]	Prepared: 1	0/24/24 Anal	yzed: 10/30/24
Benzene	4.56	0.0250	5.00		91.2	70-130			
Ethylbenzene	4.38	0.0250	5.00		87.7	70-130			
Toluene	4.49	0.0250	5.00		89.8	70-130			
o-Xylene	4.37	0.0250	5.00		87.5	70-130			
p,m-Xylene	8.93	0.0500	10.0		89.3	70-130			
Total Xylenes	13.3	0.0250	15.0		88.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.21		8.00		90.1	70-130			
LCS Dup (2443143-BSD1)]	Prepared: 1	0/24/24 Anal	yzed: 10/30/24
Benzene	4.99	0.0250	5.00		99.8	70-130	9.02	20	
Ethylbenzene	4.80	0.0250	5.00		96.1	70-130	9.11	20	
Toluene	4.91	0.0250	5.00		98.2	70-130	8.97	20	
o-Xylene	4.79	0.0250	5.00		95.8	70-130	9.07	20	
p,m-Xylene	9.75	0.0500	10.0		97.5	70-130	8.77	20	
Total Xylenes	14.5	0.0250	15.0		96.9	70-130	8.87	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

7.35

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go			11/	1/2024 10:17:52AM
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2443143-BLK1)							Prepared: 1	0/24/24 Anal	yzed: 10/30/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.29		8.00		91.2	70-130			
LCS (2443143-BS2)							Prepared: 1	0/24/24 Anal	yzed: 10/31/24
Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	70-130			
LCS Dup (2443143-BSD2)							Prepared: 1	0/24/24 Anal	yzed: 10/30/24
Gasoline Range Organics (C6-C10)	36.1	20.0	50.0		72.1	70-130	19.2	20	S1

8.00

91.8

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/1/2024 10:17:52AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			11	/1/2024 10:17:52AN
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444090-BLK1)							Prepared: 1	0/30/24 Ana	llyzed: 10/30/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.4		50.0		103	50-200			
LCS (2444090-BS1)							Prepared: 1	0/30/24 Ana	lyzed: 10/30/24
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
Surrogate: n-Nonane	46.5		50.0		93.0	50-200			
LCS Dup (2444090-BSD1)							Prepared: 1	0/30/24 Ana	lyzed: 10/30/24
Diesel Range Organics (C10-C28)	250	25.0	250		99.9	38-132	1.04	20	
Surrogate: n-Nonane	47.3		50.0		94.5	50-200			

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	2,			Project Name: Spica 25 Fed 4H Project Number: 01058-0007 Project Manager: Ashley Giovengo				1	Reported: 1/1/2024 10:17:52AM
1210021111				300.0/9056					Analyst: WF
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2444027-BLK1)							Prepared: 10	0/28/24 An	alyzed: 10/28/24
Chloride	ND	20.0							
LCS (2444027-BS1)							Prepared: 10	0/28/24 An	alyzed: 10/28/24
Chloride	250	20.0	250		100	90-110			
LCS Dup (2444027-BSD1)							Prepared: 1	0/28/24 An	alyzed: 10/28/24
Chloride	250	20.0	250		99.9	90-110	0.191	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:	Spica 25 Fed 4H	
1	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
1	Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/01/24 10:17

S1 Surrogate spike recovery was outside of the established acceptance limits.

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.

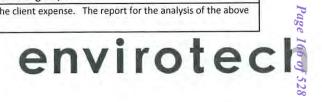


samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

EPA Program

Client: D	Devon Energy						Bill To	Lab Us					e Onl	ly				TA	Т	EPA P	rogram
Project:	Spica 24	Feel	44			Attention: Jim Ral	ey		Lab	WO#			Job N			1D	2D	3D	Standard	CWA	SDWA
	Manager: Asl					Address: 5315 Bue	na Vista Dr		E	410	28	9 1	010	58.1	0007				X		F
	3122 Nation		7 7 7 7 7 7 7			City, State, Zip: Ca	rlsbad NM, 88220								d Metho	d					RCRA
City, Stat	te, Zip: Carls	bad NM,	88220			Phone: (575)689-7	597			by											
Phone:	575-988-005	5				Email: jim.raley@d	dvn.com			80										State	
Email: a	giovengo@e	nsolum.c	om				7 2000			30/0	н	0		0.0		Σ		~	NM CC	UT AZ	TX
Report d	lue by:									o/Di	8021	826	6010	300				¥	X		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID				Lab Number		TPH GRO/DRO/ORO by 8015	втех ьу	VOC by 8260	Metals (Chloride 300.0		BGDOC		GDOC		Remarks	
1341	10122124	5)	FS.	126 -	0.51										X					
1338			I			0.51		2								1					
1340						-0,5		3													
1336				F	5/30	-0,5"		4													
1335				Į.	5/3/	1-0,51		5													
1331				Ĺ	5143	-0,51		6													
1333				j.	5144	-0,51		7													
1330				f	5145	-0,5'		8													
1325						-0,51		9													
1329	1	1	1	Ė	5149	-0.51		16								1					
Addition	al Instructio	ns: Ple	ase CC: c	burton@en	solum.c	om, agiovengo@er	nsolum.com, chai	milton@e	nso	lum.c	om, i	estr	ella@	ensc	olum.co	m, o	aderi	nto@	ensolum.co	n,	
	z@ensolum.									POL 0		_	Ica and to		itis a Alexandra		ntles e	ust bo ro	ceived on ice the d	ov their are cam	pled or
Contract to the						are that tampering with or				ition,									less than 6 °C on su		
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Relinquish	ad by: (Signatur	ral +		123/24	ime	Received by: (Sig	Gonzales nature)	Date		Time		-	Nece	eiveu	on ice.	4	')' '	•			
Mich	ed by: (Signatur	neales	th.		1620) THE	notare)	10.73	Lu	100,000	73	0	T1			T2			T3		
	ed by (Signatur		Date	2 T	133	Regeived by: Ag	Fature Maar	10.23 Date 10.24	124	Time	s.a)		Tem	np °C	4					
Sample Ma	trix: S - Soil, Sd - S	iolid, Sg - Slu	idge, A - Aq	ueous, O - Othe	r			Containe	r Ty	pe:g-											
Note: Sam	ples are discard	led 30 days	s after resu	lts are report	ed unless	other arrangements are	made. Hazardous	samples wil	l be r	eturne	d to cli	ient d	or disp	osed (of at the o	lient	expen	se. The	e report for the	analysis of	the above





Client: D	evon Energy					Bill To	-			Lak	o Us	e On	ly				TA	AT .	EPA P	rogram
	Spica 2		44			Attention: Jim Raley		Lah	WO#				Vumb	per	1D	2D	3D	Standard	CWA	SDWA
	Manager: As					Address: 5315 Buena Vista D	r	F	110	PRG	7	DIO	58.	7000				Y		
	3122 Natio					City, State, Zip: Carlsbad NM			tro	~ 0	•			d Metho	d					RCRA
	e, Zip: Carls					Phone: (575)689-7597		-	2							1	1			
	575-988-005					Email: jim.raley@dvn.com		1	RO							1	0 1		State	
_	giovengo@e		om			Email: Jim.raicy@avn.com			0/0				0		Σ	1		NM CO	UT AZ	TX
Report d		ngo rainne							J/DR	8021	3260	010	300				¥	V		
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID			Lab Number		TPH GRO/DRO/ORO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC		GDOC		Remarks	
1327	la izalali	5)	50	12	0 - 0551	1/		F 80		>	2	0		X		0			
1361	10/22/24)	- 1	FS	121	5-0.7	- 1		-	-	_				1	-				
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	1																			
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Addition	al Instructio	ns: Ple	ase CC: cl	burton@enso	lum.c	com, agiovengo@ensolum.com	m, chamilton@e	nsol	um.co	om, ie	estr	ella@	enso	olum.co	m, o	aderi	nto@	ensolum.co	m,	
	z@ensolum.			A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		radional expense and						L					70. FF		5.4400 brooks ***	T. D. o
				ty of this sample. I y be grounds for le		on. Sampled by:	mislabelling the sample	e locat	tion,									eceived on ice the d less than 6 °C on su		pied or
	ed by: (Signatu		Date	Time		Received by: (Signature)	Date	24	Time	120		Rece	eived	on ice:		Lab L	lse Or	nly		
Relinquish	ed by: (Signatur	re)	Date	Time		Received by: (Signature)	Date 10.23	_	Time	72	\cap	T1	cu	Jii icc.	TZ	ייכי		Т3		
	ed by: (Signatur	A	Date			Received by: (Signature)	Date 1.74:	74	Time	70	_		Tem	ın °C	4					
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						with this COC. The liability of the la									Arzenta -		unte d'at	alederical sy	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	



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

Consider the client expense of the analysis of the above on the report.

envirotech Inc.

Printed: 10/24/2024 8:51:56AM

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:	10/24/24 08:	:00	Wo	ork Order ID:	E410289
Phone:	(505) 382-1211	Date Logged In:	10/23/24 13:	:44	Log	gged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	10/30/24 17:	:00 (4 day TAT)	·	,	
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
	he number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	<u>ourier</u>		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion		Yes	_		Comment	s/Resolution
Sample T	<u> [urn Around Time (TAT)</u>				- · · · · ·	A	-1 1
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes		Project Spica		
Sample (<u>Cooler</u>				separated into	2 reports	due to sample
	sample cooler received?		Yes		volume. WO	are E4102	88 & E410289.
•	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				
	the 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				
	<u>Container</u>		_				
	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contain	ers collected?	Yes				
Field Lal							
	field sample labels filled out with the minimum info ample ID?	rmation:	Yes				
	Pate/Time Collected?		Yes	L			
C	follectors name?		Yes				
Sample I	Preservation_						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	netals?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multiphas		No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborator	-	No				
29. Was a	subcontract laboratory specified by the client and if	so who?	NA S	ubcontract Lab	: NA		
Client II	<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: Spica 25 Fed 4H

Work Order: E410314

Job Number: 01058-0007

Received: 10/25/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/31/24

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: 10/31/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E410314

Date Received: 10/25/2024 5:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/25/2024 5:30:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H 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

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Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
FS44-0.5'	6
FS46-0.5'	7
FS53-0.5'	8
FS56-0.5'	9
FS121-0.5'	10
FS124-0.5'	11
FS127-0.5'	12
FS132-0.5'	13
FS133-0.5'	14
FS134-0.5	15
FS135-0.5'	16
FS136-0.5'	17
FS137-0.5'	18
FS138-0.5'	19
FS139-0.5'	20
FS140-0.5'	21
FS141-0.5'	22
FS142-0.5'	23
FS146-0.5'	24
FS147-0.5'	25

Table of Contents (continued)

QC Summary Data					
QC - Volatile Organic Compounds by EPA 8260B	26				
QC - Nonhalogenated Organics by EPA 8015D - GRO	27				
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	28				
QC - Anions by EPA 300.0/9056A	29				
Definitions and Notes					
Chain of Custody etc.	31				

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/24 11:06

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS44-0.5'	E410314-01A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS46-0.5'	E410314-02A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS53-0.5'	E410314-03A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS56-0.5'	E410314-04A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS121-0.5'	E410314-05A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS124-0.5'	E410314-06A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS127-0.5'	E410314-07A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS132-0.5'	E410314-08A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS133-0.5'	E410314-09A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS134-0.5	E410314-10A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS135-0.5'	E410314-11A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS136-0.5'	E410314-12A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS137-0.5'	E410314-13A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS138-0.5'	E410314-14A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS139-0.5'	E410314-15A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS140-0.5'	E410314-16A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS141-0.5'	E410314-17A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS142-0.5'	E410314-18A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS146-0.5'	E410314-19A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.
FS147-0.5'	E410314-20A	Soil	10/23/24	10/25/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS44-0.5' E410314-01

		2.1001.01					
		Reporting					
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2443188
Benzene	ND	0.0250		1	10/25/24	10/30/24	
Ethylbenzene	ND	0.0250		1	10/25/24	10/30/24	
Toluene	ND	0.0250		1	10/25/24	10/30/24	
o-Xylene	ND	0.0250		1	10/25/24	10/30/24	
p,m-Xylene	ND	0.0500		1	10/25/24	10/30/24	
Total Xylenes	ND	0.0250		1	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		100 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		100 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0		1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/26/24	10/29/24	
Surrogate: n-Nonane		97.4 %	50-200		10/26/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2444035
Chloride	ND	20.0		1	10/28/24	10/28/24	



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/31/2024 11:06:42AM

FS46-0.5' E410314-02

		E:10011 02					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS	<u> </u>	Batch: 2443188
Benzene	ND	0.0250	1	1	10/25/24	10/30/24	
Ethylbenzene	ND	0.0250	1	1	10/25/24	10/30/24	
Toluene	ND	0.0250	1	l	10/25/24	10/30/24	
o-Xylene	ND	0.0250	1	1	10/25/24	10/30/24	
p,m-Xylene	ND	0.0500	1	1	10/25/24	10/30/24	
Total Xylenes	ND	0.0250	1	l	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		97.0 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/26/24	10/29/24	
Surrogate: n-Nonane		96.8 %	50-200		10/26/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444035
Chloride	ND	20.0	1	1	10/28/24	10/29/24	

Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/31/2024 11:06:42AM

FS53-0.5' E410314-03

		E .110011 00					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RK	KS		Batch: 2443188
Benzene	ND	0.0250	1	l	10/25/24	10/30/24	
Ethylbenzene	ND	0.0250	1	I	10/25/24	10/30/24	
Toluene	ND	0.0250	1	l	10/25/24	10/30/24	
o-Xylene	ND	0.0250	1	l	10/25/24	10/30/24	
p,m-Xylene	ND	0.0500	1	l	10/25/24	10/30/24	
Total Xylenes	ND	0.0250	1	l	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: RK	ζS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		99.5 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV	V		Batch: 2443225
Diesel Range Organics (C10-C28)	43.8	25.0	1	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	50.8	50.0	1	<u> </u>	10/26/24	10/29/24	
Surrogate: n-Nonane		96.6 %	50-200		10/26/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: DT	Γ		Batch: 2444035
Chloride	ND	20.0	1	1	10/28/24	10/29/24	

Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/31/2024 11:06:42AM

FS56-0.5' E410314-04

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
Benzene	ND	0.0250		1	10/25/24	10/30/24	
Ethylbenzene	ND	0.0250		1	10/25/24	10/30/24	
Toluene	ND	0.0250		1	10/25/24	10/30/24	
o-Xylene	ND	0.0250		1	10/25/24	10/30/24	
p,m-Xylene	ND	0.0500		1	10/25/24	10/30/24	
Total Xylenes	ND	0.0250		1	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		98.8 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		106 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		98.8 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		106 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443225
Diesel Range Organics (C10-C28)	275	25.0		1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	249	50.0		1	10/26/24	10/29/24	
Surrogate: n-Nonane		99.2 %	50-200		10/26/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444035
Chloride	ND	20.0		1	10/28/24	10/29/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS121-0.5' E410314-05

		E410314-05					
	D 1:	Reporting		.•	D 1		N.
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2443188
Benzene	ND	0.0250		1	10/25/24	10/30/24	
Ethylbenzene	ND	0.0250		1	10/25/24	10/30/24	
Toluene	ND	0.0250		1	10/25/24	10/30/24	
o-Xylene	ND	0.0250		1	10/25/24	10/30/24	
p,m-Xylene	ND	0.0500		1	10/25/24	10/30/24	
Total Xylenes	ND	0.0250		1	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RKS			Batch: 2443188		
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		97.3 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0		1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/26/24	10/29/24	
Surrogate: n-Nonane	·	101 %	50-200		10/26/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: DT		Batch: 2444035
Chloride	ND	20.0		1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS124-0.5' E410314-06

Dilution			
Dilution			
	Prepared	Analyzed	Notes
Analys	t: RKS		Batch: 2443188
1	10/25/24	10/30/24	
1	10/25/24	10/30/24	
1	10/25/24	10/30/24	
1	10/25/24	10/30/24	
1	10/25/24	10/30/24	
1	10/25/24	10/30/24	
0-130	10/25/24	10/30/24	
0-130	10/25/24	10/30/24	
0-130	10/25/24	10/30/24	
mg/kg Analyst: RKS			Batch: 2443188
1	10/25/24	10/30/24	
0-130	10/25/24	10/30/24	
0-130	10/25/24	10/30/24	
0-130	10/25/24	10/30/24	
Analys	t: NV		Batch: 2443225
1	10/26/24	10/29/24	
1	10/26/24	10/29/24	
0-200	10/26/24	10/29/24	
Analys	t: DT		Batch: 2444035
1	10/28/24	10/29/24	
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Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS127-0.5' E410314-07

		E410314-07					
Analyte	Result	Reporting Limit	Dilu	ıti om	Duomonod	Amalyzad	Notes
Analyte	Kesuit	Limit	Dilu	ıııon	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
Benzene	ND	0.0250	1	1	10/25/24	10/30/24	
Ethylbenzene	ND	0.0250	1	1	10/25/24	10/30/24	
Toluene	ND	0.0250	1	1	10/25/24	10/30/24	
o-Xylene	ND	0.0250	1	1	10/25/24	10/30/24	
p,m-Xylene	ND	0.0500	1	1	10/25/24	10/30/24	
Total Xylenes	ND	0.0250	1	1	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		105 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg Analyst: RKS			Batch: 2443188		
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		105 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/26/24	10/29/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/26/24	10/29/24	
Surrogate: n-Nonane		93.6 %	50-200		10/26/24	10/29/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444035
Chloride	ND	20.0	1	1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS132-0.5' E410314-08

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Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
Benzene	ND	0.0250		1	10/25/24	10/30/24	
Ethylbenzene	ND	0.0250		1	10/25/24	10/30/24	
Toluene	ND	0.0250		1	10/25/24	10/30/24	
o-Xylene	ND	0.0250		1	10/25/24	10/30/24	
p,m-Xylene	ND	0.0500		1	10/25/24	10/30/24	
Total Xylenes	ND	0.0250		1	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		103 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/25/24	10/30/24	
Surrogate: Bromofluorobenzene		97.2 %	70-130		10/25/24	10/30/24	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		10/25/24	10/30/24	
Surrogate: Toluene-d8		103 %	70-130		10/25/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0		1	10/26/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/26/24	10/30/24	
Surrogate: n-Nonane		93.6 %	50-200		10/26/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444035
Chloride	ND	20.0		1	10/28/24	10/29/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS133-0.5' E410314-09

Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	: RKS		Batch: 2443188
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0500		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
	98.0 %	70-130		10/25/24	10/31/24	
	93.9 %	70-130		10/25/24	10/31/24	
	103 %	70-130		10/25/24	10/31/24	
mg/kg	mg/kg		Analyst:	: RKS		Batch: 2443188
ND	20.0		1	10/25/24	10/31/24	
	98.0 %	70-130		10/25/24	10/31/24	
	93.9 %	70-130		10/25/24	10/31/24	
	103 %	70-130		10/25/24	10/31/24	
mg/kg	mg/kg		Analyst	: NV		Batch: 2443225
ND	25.0		1	10/26/24	10/30/24	
ND	50.0		1	10/26/24	10/30/24	
	86.1 %	50-200		10/26/24	10/30/24	
mg/kg	mg/kg		Analyst	: DT		Batch: 2444035
ND	20.0		1	10/28/24	10/29/24	
	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 98.0 % 93.9 % 103 % 103 % mg/kg mg/kg ND 20.0 98.0 % 93.9 % 103 % 103 % mg/kg mg/kg ND 25.0 ND 50.0 86.1 % mg/kg mg/kg mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 98.0 % 70-130 93.9 % 70-130 103 % 70-130 98.0 % 70-130 93.9 % 70-130 103 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 86.1 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 98.0 % 70-130 93.9 % 70-130 103 % 70-130 mg/kg mg/kg Analyst ND 20.0 1 98.0 % 70-130 70-130 mg/kg mg/kg Analyst ND 25.0 1 ND 50.0 1 86.1 % 50-200 mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0500 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 98.0 % 70-130 10/25/24 93.9 % 70-130 10/25/24 103 % 70-130 10/25/24 98.0 % 70-130 10/25/24 98.0 % 70-130 10/25/24 93.9 % 70-130 10/25/24 93.9 % 70-130 10/25/24 103 % 70-130 10/25/24 103 % 70-130 10/25/24 103 % 70-130 10/25/24 103 % 70-130 10/25/24 100 % 70-130 10/25/24 100 % 70-130 10/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/25/24 10/31/24 ND 0.0500 1 10/25/24 10/31/24 ND 0.0250 1 10/25/24 10/31/24 ND 0.0250 1 10/25/24 10/31/24 98.0 % 70-130 10/25/24 10/31/24 93.9 % 70-130 10/25/24 10/31/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/25/24 10/31/24 93.9 % 70-130 10/25/24 10/31/24 93.9 % 70-130 10/25/24 10/31/24 103 % 70-130 10/25/24 10/31/24 103 % 70



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo10/31/2024 11:06:42AM

FS134-0.5 E410314-10

	_	Reporting					
Analyte	Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
Benzene	ND	0.0250		1	10/25/24	10/31/24	
Ethylbenzene	ND	0.0250		1	10/25/24	10/31/24	
Toluene	ND	0.0250		1	10/25/24	10/31/24	
o-Xylene	ND	0.0250		1	10/25/24	10/31/24	
p,m-Xylene	ND	0.0500		1	10/25/24	10/31/24	
Total Xylenes	ND	0.0250		1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		100 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		105 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		100 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		105 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0		1	10/26/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/26/24	10/30/24	
Surrogate: n-Nonane		89.5 %	50-200		10/26/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444035
Chloride	ND	20.0		1	10/28/24	10/29/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS135-0.5' E410314-11

		L-110514-11				
Analyte	Result	Reporting Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS		Batch: 2443188
Benzene	ND	0.0250	1	10/25/24	10/31/24	Batch: 2113100
Ethylbenzene	ND	0.0250	1	10/25/24	10/31/24	
Toluene	ND	0.0250	1	10/25/24	10/31/24	
o-Xylene	ND	0.0250	1	10/25/24	10/31/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/31/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		99.2 %	70-130	10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	10/25/24	10/31/24	
Surrogate: Toluene-d8		106 %	70-130	10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		99.2 %	70-130	10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	10/25/24	10/31/24	
Surrogate: Toluene-d8		106 %	70-130	10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/30/24	
Surrogate: n-Nonane		92.7 %	50-200	10/26/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	P	Analyst: DT		Batch: 2444035
Chloride	ND	20.0	1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS136-0.5' E410314-12

		L-110014-12				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
,	mg/kg	mg/kg		Analyst: RKS		Batch: 2443188
Volatile Organic Compounds by EPA 8260B			1	10/25/24	10/31/24	Batch. 2443100
Benzene	ND	0.0250	1		10/31/24	
Ethylbenzene	ND	0.0250	1	10/25/24		
Toluene	ND	0.0250	1	10/25/24	10/31/24	
o-Xylene	ND	0.0250	1	10/25/24	10/31/24	
p,m-Xylene	ND	0.0500	1	10/25/24	10/31/24	
Total Xylenes	ND	0.0250	1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130	10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	10/25/24	10/31/24	
Surrogate: Toluene-d8		105 %	70-130	10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		98.1 %	70-130	10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	10/25/24	10/31/24	
Surrogate: Toluene-d8		105 %	70-130	10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0	1	10/26/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/26/24	10/30/24	
Surrogate: n-Nonane		95.4 %	50-200	10/26/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2444035
Chloride	ND	20.0	1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS137-0.5' E410314-13

		E 110011 10					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Allalyc	Result	Liiiit			•	Allalyzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	KS		Batch: 2443188
Benzene	ND	0.0250	1	l	10/25/24	10/31/24	
Ethylbenzene	ND	0.0250	1	l	10/25/24	10/31/24	
Toluene	ND	0.0250	1	l	10/25/24	10/31/24	
o-Xylene	ND	0.0250	1	l	10/25/24	10/31/24	
p,m-Xylene	ND	0.0500	1	l	10/25/24	10/31/24	
Total Xylenes	ND	0.0250	1	l	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: R	KS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		95.0 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		97.8 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	V		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/26/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	10/26/24	10/30/24	
Surrogate: n-Nonane		96.8 %	50-200		10/26/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: D	Т		Batch: 2444035
Chloride	ND	20.0	1	l	10/28/24	10/29/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS138-0.5' E410314-14

		E I I OUT I I I					
	D. I	Reporting			D 1		N
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2443188
Benzene	ND	0.0250		1	10/25/24	10/31/24	
Ethylbenzene	ND	0.0250		1	10/25/24	10/31/24	
Toluene	ND	0.0250		1	10/25/24	10/31/24	
o-Xylene	ND	0.0250		1	10/25/24	10/31/24	
p,m-Xylene	ND	0.0500		1	10/25/24	10/31/24	
Total Xylenes	ND	0.0250		1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		106 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		97.8 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		106 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0		1	10/26/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/26/24	10/30/24	
Surrogate: n-Nonane		95.3 %	50-200		10/26/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2444035
Chloride	ND	20.0		1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS139-0.5' E410314-15

D. I	Reporting			D 1		N.
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0500		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
	98.2 %	70-130		10/25/24	10/31/24	
	95.3 %	70-130		10/25/24	10/31/24	
	105 %	70-130		10/25/24	10/31/24	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
ND	20.0		1	10/25/24	10/31/24	
	98.2 %	70-130		10/25/24	10/31/24	
	95.3 %	70-130		10/25/24	10/31/24	
	105 %	70-130		10/25/24	10/31/24	
mg/kg	mg/kg		Analyst	NV		Batch: 2443225
ND	25.0		1	10/26/24	10/30/24	-
ND	50.0		1	10/26/24	10/30/24	
	100 %	50-200	·	10/26/24	10/30/24	
mg/kg	mg/kg		Analyst	DT		Batch: 2444035
ND	20.0		1	10/28/24	10/29/24	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 98.2 % 95.3 % 105 % mg/kg MD 20.0 98.2 % 95.3 % 105 % mg/kg mg/kg mg/kg ND 25.0 ND 50.0 100 % mg/kg mg/kg mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 98.2 % 70-130 95.3 % 70-130 105 % 70-130 mg/kg mg/kg ND 20.0 98.2 % 70-130 95.3 % 70-130 105 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 98.2 % 70-130 95.3 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 98.2 % 70-130 1 95.3 % 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 100 % 50-200 mg/kg Mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0500 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 98.2 % 70-130 10/25/24 95.3 % 70-130 10/25/24 105 % 70-130 10/25/24 98.2 % 70-130 10/25/24 98.2 % 70-130 10/25/24 95.3 % 70-130 10/25/24 95.3 % 70-130 10/25/24 105 % 70-130 10/25/24 105 % 70-130 10/25/24 105 % 70-130 10/25/24 105 % 70-130 10/25/24 105 % 70-130 10/25/24 ND 25.0 1	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/25/24 10/31/24 ND 0.0500 1 10/25/24 10/31/24 ND 0.0250 1 10/25/24 10/31/24 ND 0.0250 1 10/25/24 10/31/24 98.2 % 70-130 10/25/24 10/31/24 95.3 % 70-130 10/25/24 10/31/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/25/24 10/31/24 95.3 % 70-130 10/25/24 10/31/24 95.3 % 70-130 10/25/24 10/31/24 105 % 70-130 10/25/24 10/31/24 105 % 70



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS140-0.5' E410314-16

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:		1 mary 200	Batch: 2443188
Benzene	ND	0.0250		1	10/25/24	10/31/24	Buten: 2 1 13 100
Ethylbenzene	ND	0.0250		1	10/25/24	10/31/24	
Toluene	ND	0.0250		1	10/25/24	10/31/24	
o-Xylene	ND	0.0250		1	10/25/24	10/31/24	
p,m-Xylene	ND	0.0500		1	10/25/24	10/31/24	
Total Xylenes	ND	0.0250		1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		96.5 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		96.5 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0		1	10/26/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/26/24	10/30/24	
Surrogate: n-Nonane		99.2 %	50-200		10/26/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2444035
Chloride	ND	20.0	•	1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS141-0.5' E410314-17

		211001111					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
	mg/kg	mg/kg	- Di	Analyst:		7 Hary Zea	Batch: 2443188
Volatile Organic Compounds by EPA 8260B	ND	0.0250		1	10/25/24	10/31/24	Batcii. 2443188
Benzene				1	10/25/24	10/31/24	
Ethylbenzene	ND	0.0250		1	10/25/24	10/31/24	
Toluene	ND	0.0250		1		10/31/24	
o-Xylene	ND	0.0250		1	10/25/24		
p,m-Xylene	ND	0.0500		1	10/25/24	10/31/24	
Total Xylenes	ND	0.0250		1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		98.3 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		98.3 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		104 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0		1	10/26/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/26/24	10/30/24	
Surrogate: n-Nonane		99.4 %	50-200		10/26/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2444035
Chloride	ND	20.0		1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS142-0.5' E410314-18

		2.110011.10					
Analyte	Result	Reporting Limit		ution	Duomonod	Amalyzza	Notes
Analyte	Kesuit	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: RKS		Batch: 2443188
Benzene	ND	0.0250		1	10/25/24	10/31/24	
Ethylbenzene	ND	0.0250		1	10/25/24	10/31/24	
Toluene	ND	0.0250		1	10/25/24	10/31/24	
o-Xylene	ND	0.0250		1	10/25/24	10/31/24	
p,m-Xylene	ND	0.0500		1	10/25/24	10/31/24	
Total Xylenes	ND	0.0250		1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		102 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2443188
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/25/24	10/31/24	
Surrogate: Bromofluorobenzene		99.6 %	70-130		10/25/24	10/31/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130		10/25/24	10/31/24	
Surrogate: Toluene-d8		102 %	70-130		10/25/24	10/31/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2443225
Diesel Range Organics (C10-C28)	ND	25.0		1	10/26/24	10/30/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/26/24	10/30/24	
Surrogate: n-Nonane		87.6 %	50-200		10/26/24	10/30/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2444035
Chloride	ND	20.0		1	10/28/24	10/29/24	_



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS146-0.5' E410314-19

Result	Limit	Dili	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0500		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
	97.7 %	70-130		10/25/24	10/31/24	
	94.8 %	70-130		10/25/24	10/31/24	
	104 %	70-130		10/25/24	10/31/24	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
ND	20.0		1	10/25/24	10/31/24	
	97.7 %	70-130		10/25/24	10/31/24	
	94.8 %	70-130		10/25/24	10/31/24	
	104 %	70-130		10/25/24	10/31/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2443225
ND	25.0		1	10/26/24	10/30/24	
ND	50.0		1	10/26/24	10/30/24	
	93.7 %	50-200		10/26/24	10/30/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2444035
ND	20.0		1	10/28/24	10/29/24	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 97.7 % 94.8 % 104 % mg/kg ND 20.0 97.7 % 94.8 % 104 % mg/kg MD 25.0 ND 50.0 93.7 % mg/kg mg/kg mg/kg	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 97.7 % 70-130 94.8 % 70-130 104 % 70-130 mg/kg mg/kg ND 20.0 97.7 % 70-130 94.8 % 70-130 104 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 93.7 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 97.7 % 70-130 94.8 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 97.7 % 70-130 1 94.8 % 70-130 1 mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 93.7 % 50-200 mg/kg Mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0500 1 10/25/24 ND 0.0250 1 10/25/24 ND 70-130 10/25/24 97.7 % 70-130 10/25/24 104 % 70-130 10/25/24 MD 20.0 1 10/25/24 97.7 % 70-130 10/25/24 94.8 % 70-130 10/25/24 94.8 % 70-130 10/25/24 104 % 70-130 10/25/24 104 % 70-130 10/25/24 MD 25.0 1 10/25/24 ND 50.0 1 10/26/24 ND 50.0 1 10/26/24 M	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/25/24 10/31/24 ND 0.0500 1 10/25/24 10/31/24 ND 0.0250 1 10/25/24 10/31/24 ND 0.0250 1 10/25/24 10/31/24 97.7 % 70-130 10/25/24 10/31/24 94.8 % 70-130 10/25/24 10/31/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/25/24 10/31/24 94.8 % 70-130 10/25/24 10/31/24 94.8 % 70-130 10/25/24 10/31/24 94.8 % 70-130 10/25/24 10/31/24 94.8 %



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/2024 11:06:42AM

FS147-0.5' E410314-20

D 1	Reporting	Dil		D 1		N.
Result	Limit	Dil	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
ND	0.0500		1	10/25/24	10/31/24	
ND	0.0250		1	10/25/24	10/31/24	
·	96.3 %	70-130		10/25/24	10/31/24	
	98.5 %	70-130		10/25/24	10/31/24	
	99.2 %	70-130		10/25/24	10/31/24	
mg/kg	mg/kg		Analyst:	RKS		Batch: 2443188
ND	20.0		1	10/25/24	10/31/24	
	96.3 %	70-130		10/25/24	10/31/24	
	98.5 %	70-130		10/25/24	10/31/24	
	99.2 %	70-130		10/25/24	10/31/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2443225
ND	25.0		1	10/26/24	10/30/24	
ND	50.0		1	10/26/24	10/30/24	
	97.4 %	50-200		10/26/24	10/30/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2444035
ND	20.0		1	10/28/24	10/29/24	
	ND Mg/kg ND Mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 98.5 % 99.2 % mg/kg MD 20.0 96.3 % 98.5 % 99.2 % mg/kg MD 25.0 ND 50.0 97.4 % mg/kg mg/kg mg/kg	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 96.3 % 70-130 98.5 % 70-130 99.2 % 70-130 mg/kg mg/kg ND 20.0 96.3 % 70-130 99.2 % 70-130 99.2 % 70-130 mg/kg mg/kg ND 25.0 ND 50.0 97.4 % 50-200 mg/kg mg/kg	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 96.3 % 70-130 98.5 % 70-130 mg/kg mg/kg Analyst: ND 20.0 1 99.2 % 70-130 99.2 % mg/kg mg/kg Analyst: ND 25.0 1 ND 50.0 1 97.4 % 50-200 mg/kg Mg/kg Analyst:	Result Limit Dilution Prepared mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0500 1 10/25/24 ND 0.0250 1 10/25/24 ND 0.0250 1 10/25/24 96.3 % 70-130 10/25/24 98.5 % 70-130 10/25/24 99.2 % 70-130 10/25/24 99.2 % 70-130 10/25/24 98.5 % 70-130 10/25/24 99.2 % 70-130 10/25/24 99.2 % 70-130 10/25/24 99.2 % 70-130 10/25/24 99.2 % 70-130 10/25/24 99.2 % 70-130 10/25/24 MD 25.0 1 10/26/24 ND 50.0 1 10/26/24 ND	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: RKS ND 0.0250 1 10/25/24 10/31/24 ND 0.0500 1 10/25/24 10/31/24 ND 0.0250 1 10/25/24 10/31/24 ND 0.0250 1 10/25/24 10/31/24 96.3 % 70-130 10/25/24 10/31/24 98.5 % 70-130 10/25/24 10/31/24 mg/kg mg/kg Analyst: RKS ND 20.0 1 10/25/24 10/31/24 98.5 % 70-130 10/25/24 10/31/24 98.5 % 70-130 10/25/24 10/31/24 99.2 % 70-130 10/25/24 10/31/24 mg/kg m



QC Summary Data

Devon Energy - CarlsbadProject Name:Spica 25 Fed 4HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo10/31/2024 11:06:42AM

Artesia NM, 88210		Project Manager	:: As	shley Gioveng	90			10/3	1/2024 11:06:42AN
	V	olatile Organ	ic Compo	unds by EP	PA 82601	В		I	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 (2443188-BLK1)]	Prepared: 10	0/25/24 Anal	yzed: 10/30/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.526		0.500		105	70-130			
LCS (2443188-BS1)						1	Prepared: 10	0/25/24 Anal	yzed: 10/30/24
Benzene	2.18	0.0250	2.50		87.4	70-130			
Ethylbenzene	2.52	0.0250	2.50		101	70-130			
Toluene	2.44	0.0250	2.50		97.5	70-130			
o-Xylene	2.54	0.0250	2.50		101	70-130			
p,m-Xylene	5.08	0.0500	5.00		102	70-130			
Total Xylenes	7.62	0.0250	7.50		102	70-130			
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.496		0.500		99.2	70-130			
Surrogate: Toluene-d8	0.527		0.500		105	70-130			
LCS Dup (2443188-BSD1)]	Prepared: 10	0/25/24 Anal	yzed: 10/30/24
Benzene	2.31	0.0250	2.50		92.6	70-130	5.78	23	
Ethylbenzene	2.56	0.0250	2.50		102	70-130	1.30	27	
Toluene	2.47	0.0250	2.50		98.6	70-130	1.12	24	
o-Xylene	2.64	0.0250	2.50		106	70-130	4.19	27	
p,m-Xylene	5.30	0.0500	5.00		106	70-130	4.24	27	
Total Xylenes	7.95	0.0250	7.50		106	70-130	4.22	27	
Surrogate: Bromofluorobenzene	0.491		0.500		98.1	70-130			

0.500

0.500

96.8

70-130

70-130



Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

0.484

0.513

QC Summary Data

Devon Energy - CarlsbadProject Name:Spica 25 Fed 4HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo10/31/2024 11:06:42AM

Nonhalogenated	Organics	by EPA	8015D -	GRO

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 (2443188-BLK1)						Prepared: 10)/25/24 Ar	alyzed: 10/30/24
Gasoline Range Organics (C6-C10)	ND	20.0						
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	0.526		0.500	105	70-130			
LCS (2443188-BS2)						Prepared: 10)/25/24 Ar	nalyzed: 10/30/24
Gasoline Range Organics (C6-C10)	53.5	20.0	50.0	107	70-130			
Surrogate: Bromofluorobenzene	0.500		0.500	100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500	98.3	70-130			
Surrogate: Toluene-d8	0.526		0.500	105	70-130			
LCS Dup (2443188-BSD2)						Prepared: 10)/25/24 Ar	nalyzed: 10/30/24
Gasoline Range Organics (C6-C10)	50.7	20.0	50.0	101	70-130	5.43	20	
Surrogate: Bromofluorobenzene	0.510		0.500	102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500	99.4	70-130			
Surrogate: Toluene-d8	0.532		0.500	106	70-130			



Surrogate: n-Nonane

QC Summary Data

Devon Energy - CarlsbadProject Name:Spica 25 Fed 4HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo10/31/2024 11:06:42AM

Artesia NM, 88210		Project Manager	r: As	sniey Gioveng	30				10/31/2024 11:00:42A
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2443225-BLK1)							Prepared: 1	0/26/24	Analyzed: 10/29/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.1		50.0		106	50-200			
LCS (2443225-BS1)							Prepared: 1	0/26/24	Analyzed: 10/29/24
Diesel Range Organics (C10-C28)	263	25.0	250		105	38-132			
Surrogate: n-Nonane	54.9		50.0		110	50-200			
LCS Dup (2443225-BSD1)							Prepared: 1	0/26/24	Analyzed: 10/29/24
Diesel Range Organics (C10-C28)	247	25.0	250		98.9	38-132	6.20	20	

50-200

52.8

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manager	: 0	pica 25 Fed 4F 1058-0007 .shley Gioveng		Reported: 10/31/2024 11:06:42A				
		Anions	by EPA	300.0/9056 <i>E</i>	\				Analyst: DT	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2444035-BLK1)							Prepared: 1	0/28/24 Anal	lyzed: 10/28/24	
Chloride	ND	20.0								
LCS (2444035-BS1)							Prepared: 1	0/28/24 Ana	lyzed: 10/28/24	
Chloride	255	20.0	250		102	90-110				
LCS Dup (2444035-BSD1)							Prepared: 1	0/28/24 Ana	lyzed: 10/28/24	

250

20.0

102

90-110

0.0671

255

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:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	10/31/24 11:06

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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Project: S	Spica 25 Fed	4H			Ad	ldress: 5315 Buena Vista Dr		LE	41	03	14	010	<u> 520</u>	<u>}-∞</u>	7			х	×		
Project M	<u> lanager: Asl</u>	nley Giov	engo			ty, State, Zip: Carlsbad NM, 8822	20	_ [
Address:	3122 Nation	<u>nal Parks</u>	<u>Hwy</u>		Pho	one: (575)689-7597			L			Ana	lysis	and l	Meth	d			E	PA Progra	ım
City, State	<u>e, Zip: Carlsl</u>	<u>bad NM,</u>	<u>88220</u>		<u>Em</u>	nail: jim.raley@dvn.com					1					-			SDWA	CWA	RCRA
Phone: 5	75-988-005 <u>!</u>	5			Mis	cellaneous: Jim Raley		- 1													
Email: ag	giovengo@er	<u>nsolum.c</u>	<u>om</u>						2	1 2	Ì								Compliar		or N
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Filter	Lab Numbe		GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	KCKA 8 Metals				Remarks	
0849	10/23/24	5	1		FSI	44-0.51		1						X							
0850				<u> </u>	F54	16-0.5'		a						X							
Q51				<u> </u>	F55	53-0,5		3						Χ		_					
0856	\bot			<u> </u>	F55	56-051		4			ļ			χ							
0904					<u>F51</u>	121-0,5'		5						X		\downarrow					
0901					F51	124-0,5		6						X		_					
<u> </u>					F5.	127-6.51		7						χ		\rfloor					
0906					FS	132 - 0,5		ક						χ							
0468					FS /	132 - 0,5' 133 - 090 0,5'		9						X							
0915		1	1		F3	134 - 0,5		10						χ							
Addition	al Instructio	ns: Plea	ase CC: c	burton@e	nsolum.com,	agiovengo@ensolum.com, jim.	raley	@dvn.c	com,	cham	ilton	@ens	olun	n.con	ı, iest	rell	a@en	solum	.com, bde	al@enso	lum.com,
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	ed by: (Signatur		Date			Te Annived Any (Clarature)	Inate		Tim	14				Sample	s regulria	o the	rmal pres	ervation r	nust be receive	d on ice the da	v they are
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						arrangements are made. Hazardous said this COC. The liability of the laboratory									client	expe	ense. Th	e repor	t for the ana	lysis of the	above



envirotech

Chain of C	Cust	ody															Pa	age _	2
Invoice Information					L2	b Us	se Or	ily		-		T/	AT.			Sta	te		٦
Company: Devon Address: 5315 Buena Vista Dr City, State, Zip: Carlsbad NM, 8822	20			wo# 410			Job OV			207	1D	2D	3D	Std x	NM x	CO U	<u> </u>	X	
Phone: (575)689-7597							Ana	lysis	and	Met	hod				El	PA Prog	ram	1	
Email: jim.raley@dvn.com Miscellaneous: Jim Raley				215	215										SDWA	CWA ce Y	丰	RCRA	
1- I-f-mation	Information						_{&}	8	ٍي	Ļ	etals				PWSID#	<u> </u>			4
	La Num	b iber	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remark	cs			
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FS 137-0.5'		13	<u>3</u>																_
F5138-0,51		14	(<u> </u>					Ц										
F5/39 -0.5'		15	<u> </u>																
F5140-051		16	;																
F5141 -0,5'		15	7																
F5142 - 0,5')8	}																
F5144 - 0.5'		19	<u> </u>																
F5147 - O.S'		20	5						1									=	
nsolum.com, agiovengo@ensolum.com, jim.com, oaderinto@ensolum.com	raley	@dvr	n.co	m, cl	hami	lton(@ens	solur	n.co	m, ie	strel	la@e	ensol	um.c	om, bde	al@ens	olur	n.cor	n,
e. I am aware that tampering with or intentionally mislabeling	the san	nple lor	cation	ı, date	or tim	e of co	lectio	n is co	nsider	ed frau	d and	may b	e grour	nds for	legal action	,			
	Tarre			T=					C					•••	and has no no have	an les Aba	day sh		_

Additional Instructions: Please CC: cburton@ensolum.co bsimmons@ensolum.com, jgonzales@ensolum.com, oade

, (field sampler), attest to the validity and authenticity of this sample. I am aware

Released to Imaging: 1/14/2025 8:28:23 AM

Client Information

Matrix

No. of

Containers

Sample Inform

FS 135

Client: Devon

Time

Sampled

3903

0969

0911

0905

0911

0907

0900

0857

0854

0851

Project: Spica 25 Fed 4H

Phone: 575-988-0055

Project Manager: Ashley Giovengo Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220

Email: agiovengo@ensolum.com

Date Sampled

16/33/24

Sampled by: Chal Hamilton Relinquished by: (Signature) Date Received by: (Signature)
Wichelle Gonzales 10-24-24 sampled or received packed in ice at an avg temp above 0 but less than 6 °C on 1100 10/24/24 Relinquished by: (Signature)
Wichelle Gov Пme Lab Use Only 0120 102524 0530 Received on ice: Relinquished by: (Signature) Date Received by: (Signature) Relinquished by: (Signature) Date Time Date Received by: (Signature) Time AVG Temp °C (Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other

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

envirotecia envirotecia

envirotech Inc.

Printed: 10/25/2024 10:56:18AM

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:	10/25/24	05:30		Work Order ID:	E410314
Phone:	(505) 382-1211	Date Logged In:	10/25/24	06:13		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	10/31/24	17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <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			<u>Comment</u>	s/Resolution
Sample T	Furn Around Time (TAT)					·	·
	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C	<u>Cooler</u>						
7. Was a s	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was the	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
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	e received w/i 15	Yes				
	visible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
	<u>Container</u>						
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	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	ners collected?	Yes				
Field Lat		.•					
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes				
	eate/Time Collected?		Yes				
	ollectors name?		No				
Sample P	Preservation						
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	ary?	No				
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	· NΔ		
			- 1112	Subcontract Luc). 1 4 21		
Chent II	<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: Spica 25 Fed 4H

Work Order: E410339

Job Number: 01058-0007

Received: 10/26/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/5/24

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: 11/5/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E410339

Date Received: 10/26/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/26/2024 8:00:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
FS28-4'	6
FS29-4'	7
FS31-4'	8
FS32-4'	9
FS49-4'	10
FS57-4'	11
FS72-0.5'	12
FS74-0.5'	13
FS90-0.5'	14
FS93-0.5'	15
FS98-0.5'	16
FS104-0.5'	17
FS105-0.5'	18
FS106-0.5'	19
FS107-0.5'	20
FS108-0.5'	21
FS110-0.5'	22
FS111-0.5'	23
FS112-0.5'	24
FS117-0.5'	25

Table of Contents (continued)

	FS118-0.5'	26
	FS119-0.5'	27
	FS120-0.5'	28
	FS123-0.5'	29
Q	C Summary Data	30
	QC - Volatile Organics by EPA 8021B	30
	QC - Nonhalogenated Organics by EPA 8015D - GRO	32
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	34
	QC - Anions by EPA 300.0/9056A	36
D	efinitions and Notes	38
С	hain of Custody etc.	39

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported.
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/05/24 15:00

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS28-4'	E410339-01A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS29-4'	E410339-02A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS31-4'	E410339-03A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS32-4'	E410339-04A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS49-4'	E410339-05A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS57-4'	E410339-06A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS72-0.5'	E410339-07A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS74-0.5'	E410339-08A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS90-0.5'	E410339-09A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS93-0.5'	E410339-10A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS98-0.5'	E410339-11A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS104-0.5'	E410339-12A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS105-0.5'	E410339-13A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS106-0.5'	E410339-14A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS107-0.5'	E410339-15A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS108-0.5'	E410339-16A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS110-0.5'	E410339-17A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS111-0.5'	E410339-18A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS112-0.5'	E410339-19A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS117-0.5'	E410339-20A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS118-0.5'	E410339-21A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS119-0.5'	E410339-22A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS120-0.5'	E410339-23A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.
FS123-0.5'	E410339-24A	Soil	10/24/24	10/26/24	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS28-4' E410339-01

		E-10337-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/03/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/03/24	
Surrogate: n-Nonane		87.5 %	50-200	10/28/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2444086
Chloride	3380	40.0	2	10/30/24	10/30/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS29-4' E410339-02

		E410339-02				
Analyte	Result	Reporting Limit	Dilution	n Prepared	Analyzed	Notes
,	mg/kg	mg/kg		alyst: SL	<u> </u>	Batch: 2444015
Volatile Organics by EPA 8021B			1	10/28/24	11/02/24	Batch: 2444013
Benzene	ND	0.0250	1			
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	92.2	25.0	1	10/28/24	11/03/24	
Oil Range Organics (C28-C36)	76.0	50.0	1	10/28/24	11/03/24	
Surrogate: n-Nonane		88.9 %	50-200	10/28/24	11/03/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2444086
Chloride	41.9	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS31-4' E410339-03

	L-110007 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2444015
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0500	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
	90.1 %	70-130	10/28/24	11/02/24	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2444015
ND	20.0	1	10/28/24	11/02/24	
	92.5 %	70-130	10/28/24	11/02/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2444025
ND	25.0	1	10/28/24	11/04/24	
ND	50.0	1	10/28/24	11/04/24	
	93.4 %	50-200	10/28/24	11/04/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2444086
1180	20.0	1	10/30/24	10/31/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 92.5 % mg/kg MD 25.0 ND 50.0 93.4 % 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 90.1 % 70-130 mg/kg mg/kg Anal ND 20.0 1 92.5 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 93.4 % 50-200 mg/kg mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 10/28/24 ND 0.0250 1 10/28/24 ND 0.0250 1 10/28/24 ND 0.0500 1 10/28/24 ND 0.0500 1 10/28/24 ND 0.0250 1 10/28/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/28/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/28/24 ND 25.0 1 10/28/24 ND 50.0 1 10/28/24 ND 50.0 1 10/28/24 Mg/kg Mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0500 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/28/24 11/02/24 mg/kg mg/kg Analyst: SL 11/02/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/28/24 11/02/24 ND 25.0 1 10/28/24 11/04/24 11/04/24 ND 50.0 1 10/28/24 11/04/24 ND 50.0 1 10/28/24 11/04/24 mg/kg<

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS32-4' E410339-04

		E410339-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
	mg/kg	mg/kg		lyst: SL		Batch: 2444015
Volatile Organics by EPA 8021B			1	10/28/24	11/02/24	Batcii. 2444013
Benzene	ND	0.0250	1			
Ethylbenzene	ND	0.0250	I	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		100 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS49-4' E410339-05

		E410339-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	Buten: 2
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		95.3 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2444086
Chloride	128	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS57-4' E410339-06

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg mg/kg Analyst: SL			Batch: 2444015	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0500	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
	90.9 %	70-130	10/28/24	11/02/24	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2444015
ND	20.0	1	10/28/24	11/02/24	
	93.2 %	70-130	10/28/24	11/02/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2444025
124	25.0	1	10/28/24	11/04/24	
83.0	50.0	1	10/28/24	11/04/24	
	99.2 %	50-200	10/28/24	11/04/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2444086
ND	20.0	1	10/30/24	10/31/24	
	mg/kg ND ND ND ND ND ND ND ND 124 83.0	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 20.0 93.2 % mg/kg mg/kg mg/kg 124 25.0 83.0 50.0 99.2 % mg/kg mg/kg	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 90.9 % 70-130 mg/kg mg/kg Anal ND 20.0 1 93.2 % 70-130 mg/kg mg/kg Anal 124 25.0 1 83.0 50.0 1 99.2 % 50-200 mg/kg Mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 10/28/24 ND 0.0250 1 10/28/24 ND 0.0250 1 10/28/24 ND 0.0500 1 10/28/24 ND 0.0250 1 10/28/24 ND 0.0250 1 10/28/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/28/24 mg/kg mg/kg Analyst: NV 124 25.0 1 10/28/24 mg/kg mg/kg Analyst: NV 124 25.0 1 10/28/24 83.0 50.0 1 10/28/24 mg/kg mg/kg Analyst: DT	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0500 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/28/24 11/02/24 mg/kg mg/kg Analyst: SL 11/02/24 mg/kg mg/kg Analyst: NV 124 25.0 1 10/28/24 11/02/24 83.0 50.0 1 10/28/24 11/04/24 11/04/24 mg/kg mg/kg Analyst: DT 11/04/24



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS72-0.5' E410339-07

		E410337-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	83.2	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	91.6	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		97.5 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS74-0.5' E410339-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		97.3 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS90-0.5' E410339-09

		2.11000				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
oluene	ND	0.0250	1	10/28/24	11/02/24	
-Xylene	ND	0.0250	1	10/28/24	11/02/24	
o,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	26.9	25.0	1	10/28/24	11/04/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
urrogate: n-Nonane		105 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS93-0.5' E410339-10

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		103 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS98-0.5' E410339-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		101 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS104-0.5' E410339-12

		1.410007 12				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		96.2 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS105-0.5' E410339-13

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2444015
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0500	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
	90.5 %	70-130	10/28/24	11/02/24	
mg/kg	mg/kg	Ana	llyst: SL		Batch: 2444015
ND	20.0	1	10/28/24	11/02/24	
	92.4 %	70-130	10/28/24	11/02/24	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2444025
ND	25.0	1	10/28/24	11/04/24	
ND	50.0	1	10/28/24	11/04/24	
	116 %	50-200	10/28/24	11/04/24	
mg/kg	mg/kg	Ana	llyst: DT		Batch: 2444086
ND	20.0	1	10/30/24	10/31/24	
	mg/kg ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0 92.4 % mg/kg MD 25.0 ND 50.0 116 % mg/kg mg/kg mg/kg	Result Limit Dilution 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 MB/kg mg/kg Ana ND 20.0 1 MB/kg mg/kg Ana ND 25.0 1 ND 50.0 1 MB/kg MB/kg Ana	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 10/28/24 ND 0.0250 1 10/28/24 ND 0.0250 1 10/28/24 ND 0.0500 1 10/28/24 ND 0.0250 1 10/28/24 ND 0.0250 1 10/28/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/28/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/28/24 ND 25.0 1 10/28/24 ND 50.0 1 10/28/24 ND 50.0 1 10/28/24 Mg/kg mg/kg Analyst: NV	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0500 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/28/24 11/02/24 mg/kg mg/kg Analyst: SL 11/02/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/28/24 11/02/24 ND 25.0 1 10/28/24 11/04/24 11/04/24 ND 50.0 1 10/28/24 11/04/24 ND 50.0 1 10/28/24 11/04/24 mg/kg<



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS106-0.5' E410339-14

		E410337-14				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		97.4 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS107-0.5' E410339-15

		L+10007 13				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		96.3 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS108-0.5' E410339-16

		E410339-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.4 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		97.3 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS110-0.5' E410339-17

		E-110337-17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		103 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS111-0.5' E410339-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		100 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS112-0.5' E410339-19

		L-110007 17				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2444015
Benzene	ND	0.0250	1	10/28/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/28/24	11/02/24	
Toluene	ND	0.0250	1	10/28/24	11/02/24	
o-Xylene	ND	0.0250	1	10/28/24	11/02/24	
o,m-Xylene	ND	0.0500	1	10/28/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/28/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2444015
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	10/28/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444025
Diesel Range Organics (C10-C28)	35.6	25.0	1	10/28/24	11/04/24	
Oil Range Organics (C28-C36)	55.8	50.0	1	10/28/24	11/04/24	
Surrogate: n-Nonane		118 %	50-200	10/28/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2444086
Chloride	ND	20.0	1	10/30/24	10/31/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS117-0.5' E410339-20

	L+10007 20				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: SL		Batch: 2444015
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
ND	0.0500	1	10/28/24	11/02/24	
ND	0.0250	1	10/28/24	11/02/24	
	89.7 %	70-130	10/28/24	11/02/24	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2444015
ND	20.0	1	10/28/24	11/02/24	
	93.4 %	70-130	10/28/24	11/02/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2444025
ND	25.0	1	10/28/24	11/04/24	
ND	50.0	1	10/28/24	11/04/24	
	154 %	50-200	10/28/24	11/04/24	
mg/kg	mg/kg	Anal	yst: DT		Batch: 2444086
ND	20.0	1	10/30/24	10/31/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting 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 89.7 % mg/kg mg/kg mg/kg ND 20.0 93.4 % mg/kg ND 25.0 ND 50.0 154 % 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 89.7 % 70-130 mg/kg mg/kg Anal ND 20.0 1 93.4 % 70-130 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 154 % 50-200 mg/kg Mg/kg Anal	Reporting Result Limit Dilution Prepared mg/kg Manalyst: SL ND 0.0250 1 10/28/24 ND 0.0250 1 10/28/24 ND 0.0250 1 10/28/24 ND 0.0250 1 10/28/24 ND 0.0500 1 10/28/24 ND 0.0250 1 10/28/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/28/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/28/24 ND 50.0 1 10/28/24 ND 50.0 1 10/28/24 ND 50.0 1 10/28/24 Mg/kg mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0500 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 ND 0.0250 1 10/28/24 11/02/24 mg/kg mg/kg Analyst: SL ND 10/28/24 11/02/24 mg/kg mg/kg Analyst: SL 11/02/24 11/02/24 11/02/24 mg/kg mg/kg Analyst: NV ND 25.0 1 10/28/24 11/04/24 ND 25.0 1 10/28/24 11/04/24 ND 50.0 1 10/28/24 11/04/24 ND 50.0 1 10/28/24 11/04/24



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS118-0.5' E410339-21

		£410339-21				
Austra	Dk	Reporting	Dilesi	D	A	N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2444031
Benzene	ND	0.0250	1	10/28/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/28/24	10/30/24	
Toluene	ND	0.0250	1	10/28/24	10/30/24	
o-Xylene	ND	0.0250	1	10/28/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/28/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/28/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		91.0 %	70-130	10/28/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	10/28/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2444033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/05/24	
Surrogate: n-Nonane		108 %	50-200	10/28/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: JM		Batch: 2444030
Chloride	ND	20.0	1	10/28/24	10/29/24	·



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS119-0.5' E410339-22

		E-110337-22				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: SL		Batch: 2444031
Benzene	ND	0.0250	1	10/28/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/28/24	10/30/24	
Toluene	ND	0.0250	1	10/28/24	10/30/24	
o-Xylene	ND	0.0250	1	10/28/24	10/30/24	
o,m-Xylene	ND	0.0500	1	10/28/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/28/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	10/28/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	10/28/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/05/24	
Surrogate: n-Nonane		88.0 %	50-200	10/28/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2444030
Chloride	ND	20.0	1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS120-0.5' E410339-23

		E410339-23				
Austra	Result	Reporting Limit	Dilution	D	A	Notes
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2444031
Benzene	ND	0.0250	1	10/28/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/28/24	10/30/24	
Toluene	ND	0.0250	1	10/28/24	10/30/24	
o-Xylene	ND	0.0250	1	10/28/24	10/30/24	
p,m-Xylene	ND	0.0500	1	10/28/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/28/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	10/28/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2444031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	10/28/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2444033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/05/24	
Surrogate: n-Nonane		89.3 %	50-200	10/28/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2444030
Chloride	ND	20.0	1	10/28/24	10/29/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

FS123-0.5' E410339-24

		E-10337-24				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444031
Benzene	ND	0.0250	1	10/28/24	10/30/24	
Ethylbenzene	ND	0.0250	1	10/28/24	10/30/24	
Toluene	ND	0.0250	1	10/28/24	10/30/24	
o-Xylene	ND	0.0250	1	10/28/24	10/30/24	
o,m-Xylene	ND	0.0500	1	10/28/24	10/30/24	
Total Xylenes	ND	0.0250	1	10/28/24	10/30/24	
Surrogate: 4-Bromochlorobenzene-PID		91.3 %	70-130	10/28/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444031
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/28/24	10/30/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	10/28/24	10/30/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444033
Diesel Range Organics (C10-C28)	ND	25.0	1	10/28/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/28/24	11/05/24	
Surrogate: n-Nonane		88.3 %	50-200	10/28/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2444030
Chloride	ND	20.0	1	10/28/24	10/29/24	



Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	·
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		058-0007 shley Gioveng	go			1	1/5/2024 3:00:12PM
		Volatile O	Volatile Organics by EPA 8021B						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444015-BLK1)						P	repared: 10)/28/24 An	alyzed: 11/02/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.11		8.00		88.9	70-130			
LCS (2444015-BS1)						P	repared: 10	0/28/24 An	alyzed: 11/02/24
Benzene	4.77	0.0250	5.00		95.4	70-130			
Ethylbenzene	4.66	0.0250	5.00		93.1	70-130			
Toluene	4.75	0.0250	5.00		94.9	70-130			
o-Xylene	4.65	0.0250	5.00		93.0	70-130			
p,m-Xylene	9.46	0.0500	10.0		94.6	70-130			
Total Xylenes	14.1	0.0250	15.0		94.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.13		8.00		89.1	70-130			
LCS Dup (2444015-BSD1)						P	repared: 10	0/28/24 An	alyzed: 11/02/24
Benzene	4.82	0.0250	5.00		96.5	70-130	1.11	20	
Ethylbenzene	4.72	0.0250	5.00		94.4	70-130	1.41	20	
Toluene	4.81	0.0250	5.00		96.1	70-130	1.24	20	
o-Xylene	4.74	0.0250	5.00		94.7	70-130	1.85	20	
p,m-Xylene	9.59	0.0500	10.0		95.9	70-130	1.32	20	
Total Xylenes	14.3	0.0250	15.0		95.5	70-130	1.50	20	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo	11/5/2024 3:00:12PM

Artesia NM, 88210		Project Number: Project Manager:		os8-0007 shley Giovengo	o				11/5/2024 3:00:12PM
		Volatile Organics by EPA 8021B							Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444031-BLK1)						I	Prepared: 10)/28/24 Aı	nalyzed: 10/30/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.7	70-130			
LCS (2444031-BS1)						I	Prepared: 10)/28/24 Aı	nalyzed: 10/30/24
Benzene	5.02	0.0250	5.00		100	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.9	70-130			
Toluene	4.95	0.0250	5.00		99.0	70-130			
o-Xylene	4.82	0.0250	5.00		96.4	70-130			
p,m-Xylene	9.83	0.0500	10.0		98.3	70-130			
Total Xylenes	14.7	0.0250	15.0		97.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.19		8.00		89.9	70-130			
LCS Dup (2444031-BSD1)						I	Prepared: 10)/28/24 Aı	nalyzed: 10/30/24
Benzene	4.99	0.0250	5.00		99.7	70-130	0.699	20	
Ethylbenzene	4.80	0.0250	5.00		95.9	70-130	0.972	20	
Toluene	4.90	0.0250	5.00		98.0	70-130	0.989	20	
o-Xylene	4.77	0.0250	5.00		95.4	70-130	0.958	20	
p,m-Xylene	9.68	0.0500	10.0		96.8	70-130	1.59	20	
Total Xylenes	14.5	0.0250	15.0		96.3	70-130	1.38	20	

70-130



Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

Artesia NM, 88210		Project Manager		shley Gioveng	go			11/	/5/2024 3:00:12PM
	Non	halogenated (Organics l	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444015-BLK1)							Prepared: 1	0/28/24 Anal	yzed: 11/02/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			
LCS (2444015-BS2)							Prepared: 1	0/28/24 Anal	yzed: 11/02/24
Gasoline Range Organics (C6-C10)	37.4	20.0	50.0		74.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			
LCS Dup (2444015-BSD2)							Prepared: 10	0/28/24 Anal	yzed: 11/02/24

8.00

83.2

94.7

70-130

70-130

10.6

20

41.6

7.57

20.0

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				11/5/2024 3:00:12PM
	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: SL	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444031-BLK1)							Prepared: 1	0/28/24 A	nalyzed: 10/30/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
LCS (2444031-BS2)							Prepared: 1	0/28/24 A	nalyzed: 10/30/24
Gasoline Range Organics (C6-C10)	39.9	20.0	50.0		79.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			

Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00	91.9	70-130			
LCS (2444031-BS2)						Prepared: 10)/28/24 Analy	zed: 10/30/24
Gasoline Range Organics (C6-C10)	39.9	20.0	50.0	79.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00	93.9	70-130			
LCS Dup (2444031-BSD2)						Prepared: 10	/28/24 Analy	zed: 10/30/24
Gasoline Range Organics (C6-C10)	40.3	20.0	50.0	80.6	70-130	0.874	20	
8 8 ()								

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go				11/5/2024 3:00:12PM
	Nonhal	ogenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2444025-BLK1)							Prepared: 1	0/28/24 A	nalyzed: 11/03/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.4		50.0		107	50-200			
LCS (2444025-BS1)							Prepared: 1	0/28/24 A	nalyzed: 11/03/24
Diesel Range Organics (C10-C28)	251	25.0	250		100	38-132			
Surrogate: n-Nonane	49.0		50.0		97.9	50-200			
LCS Dup (2444025-BSD1)							Prepared: 1	0/28/24 A	nalyzed: 11/03/24
Diesel Range Organics (C10-C28)	260	25.0	250		104	38-132	3.57	20	
Surrogate: n-Nonane	48.5		50.0		97.1	50-200			

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

Artesia NM, 88210		Project Manage	r: As	hley Gioveng	go				11/5/2024 3:00:12PM
	Nonha	ogenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444033-BLK1)							Prepared: 1	0/28/24	Analyzed: 10/30/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.7		50.0		107	50-200			
LCS (2444033-BS1)							Prepared: 1	0/28/24	Analyzed: 10/30/24
Diesel Range Organics (C10-C28)	285	25.0	250		114	38-132			
Surrogate: n-Nonane	53.2		50.0		106	50-200			
LCS Dup (2444033-BSD1)							Prepared: 1	0/28/24	Analyzed: 10/30/24
Diesel Range Organics (C10-C28)	268	25.0	250		107	38-132	6.25	20	
Surrogate: n-Nonane	49.2		50.0		98.4	50-200			

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Spica 25 Fed 4H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 3:00:12PM

		Anions	by EPA 3	00.0/9056A	\				Analyst: JM	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2444030-BLK1)						I	Prepared: 1	0/28/24 An	alyzed: 10/29/24	
Chloride	ND	20.0								

Chloride	ND	20.0							
LCS (2444030-BS1)					F	Prepared: 10	/28/24 Ana	lyzed: 10/29/	24
Chloride	254	20.0	250	102	90-110				
LCS Dup (2444030-BSD1)					F	Prepared: 10	/28/24 Ana	lyzed: 10/29/	24
Chloride	253	20.0	250	101	90-110	0.323	20		

LCS Dup (2444086-BSD1)

Chloride

Prepared: 10/30/24 Analyzed: 10/30/24

20

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	: 01	pica 25 Fed 4I 1058-0007 shley Gioveng					Reported: 11/5/2024 3:00:12PM
		Anions	by EPA 3	300.0/9056 <i>E</i>	4				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2444086-BLK1)							Prepared: 1	0/30/24 A	nalyzed: 10/30/24
Chloride	ND	20.0							
LCS (2444086-BS1)							Prepared: 1	0/30/24 A	nalyzed: 10/30/24
Chloride	252	20.0	250		101	90-110			

250

20.0

101

90-110

0.0274

252

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:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/05/24 15:00

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



		Clien	t Inform	ation	•	Invoice Information					Lab Use Only TAT Lab WO# Job Number 1D 2D 3D Std NM X								Sta	te								
Client: D	evon						Com	pany: Devor	n			Lab \	WO#	-		Job I	Num	ber		1D	2D	3D	Std	1	IM	co U	т тх	
Project:		Fed -	4H						ender Road #150)	<u> </u>	E4	103	33	9		58		571				X	Þ		7	1	
Project N	lanager:	Ash	ley Giov	engo					obbs NM, 88240				4.4.		-	1/1.								_				
Address:							Phon	ie: (575)748-:	1838							Ana	lysis	and	Met	hod					EP.	A Prog	ram	
City, Stat	e, Zip: C	arlsb	ad NM,	88220			<u>Ema</u>	ail: dale.woo	odall@dvn.com			- [SDW	ľΑ	CWA	R	CRA
Phone: 5	75-988-	0055	5				Misce	llaneous: Dale	e Woodall								1											
Email: ag	giovengo	@en	solum.c	om								- 1	22	2									[Comp	lianc	e Y	or	N
													80	8	1		0.		×	얆				PWSI	D#			
					Sam	ple Infor	mation	1					ဂ္ဂ	Š Š	805	826	300	N.	[2	Met								
Time Sampled	Date Samp	oled	Matrix	No. of Containers			Sa	ample ID		Field	Lal Num	b ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	MN-DOGD8	TCEQ 1005 - TX	RCRA 8 Metals						Remari	(S	
0824	10/24	124	S	1	-		FS	28-41			1							X										
0825	1						FS	29-41			2							1									-	
0814							F5	31-41			3																	
0818							FS	32-41			4							\perp										
0815							FS	49 - 4'		ļ	5							\perp										
0806							FS	57-41			6																	
0444							FS	572-0,5	1		7																	
B451							ES	574-0.5	1		8																	
0922							F	590-0.5	·		9																	
0923	1		T_					593-05			10							1										
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Relinguish				Date		Tinte 🔿	/ 1 R	Received by: (Sig	nature) A	Date			Time			Г		Sampl	es requi	ring the	ermal p	reservat	tion mu	st be rec	eived (on ice the	lay they	are
				1	25/24	117	16°	177	112	.26	.20	ł,	ね	110						packed	in ice at	t an avg	temp al	ove 0	but less th	an 6°C c	n	
Relinquish	ed by: (Sigi	in flur	er	Qate	63/6#	Title		ecewed by: (Sign	Date		In	Time	<u> </u>	<u> </u>	ł		subsec	uent d	avs		La	ıb Us	e Oni	y				
1,0		N		10	2524	161	5	Date	39	1/4	16	1 -	5_			Rec	eived	on i	ice:)/ N		•					
Relinquish		M		Date	15/24	7330						Ž4		<i>(</i> Ø))			<u>T1</u> _				<u>T2</u>			_ :	Т3		
Relinquish	ed by: (Sig	natur	é)	Date		Time	Ř	Date			Time					AVG	Ten	np °C	4	_								
	Natrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										tainer																	
Note: Sam	oles are dis	scarde	ed 14 davs	s after resul	ts are repor	ted unless	other ar	rrangements are	made. Hazardous s	amples	will be	retui	rned 1	to clie	nt or	dispos	sed of	at th	e clien	t exp	ense.	The re	eport 1	or the	anal	sis of th	e abov	re

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.

		Clier	nt Inform	nation					Invoice	e Information		Т			Lä	ab Us	e On	ılv				TA	т				State	
Client: D	Client Information Invoice Information Devon Company: Devon Spica 25 Fed 4H Address: 205 E Bender R												l ab l	WO#			Job	<u> </u>	har		10	2D		5+4	- }	NM C	COUT	
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Project N				engo						obbs NM, 88240		— ⊦		ti A	· •			101	<u>, u</u>	<u>~</u>	_			```	Ľ	`		
Address:									(575)748-1				ı				Δna	lvsis	and	Met	hod					FP4	\ Progra	ım
City, Stat						\neg				odall@dvn.com		<u> </u>	ł				7110	19313	and	IVICE	1100		—т	—t	SDV		CWA	RCRA
Phone:				OOZZU		\neg				e Woodall										İ				ŀ		`` +	CVIA	- III
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Time Sampled	Date Sa	mpled	Matrix	No. of Containers		•		Sampl	le ID		Field	La Num	b ber	DRO/ORO	GRO/DRO by	ВТЕХ by 802:	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					R	Remarks	
0926	10/2	4/24	5	1			FS	98-	0,5			11							X	_								
0947			_				F5.	104 ·	-0.51			12							1				_					
0949							F51	<u> 165-</u>	0.5		_	13							\perp		_							
0445					-		ES.	106 -	0.51		\perp	10	·						$\!$		_			_				
0447							FSI	107 -	0.51		+	15			_			_	-				_	_				_
0936					<u> </u>		F.\$1	08 -	0.5'		<u> </u>	10	0			ļ. 1			-				_					
<u>0938</u>					ļ		F51	10 -	0.51		-								\downarrow				_	_				
0940							F5//	11 -	0.51	-	-	18	_					_						\dashv				
0434							F3/1	2 -	0.5		_	10	7						Ц									
0928	4	•	4	1			F51	<u> 17 -</u>	0.5	 		21			<u> </u>	L.		<u>_</u>	Ļ		Ļ		\Box	\perp				
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Relinguish				Dat		Time	1)	Recei	ved by: (Sjer	nature)	Date		~	Time	. 1	1_			Sampl	es requ	iring th	ermal pr	reservat	lon mu:	st be re	ceived o	n ice the da	y they are
	10/15/11 2 O								7	$ \Omega\rangle$	125	У	()		Q				ed or re		packed i	in ice at	an avg	temp a	bove 0 b	out less than	6°C on	
Relinquish	edby:/s	ief)ty	e)	gat //	15:29	///	OF	71.	ved by: Sign	امروجه	Date	195/0	24	Time	5						d on i	ice:	_	b Uso)/ N	e On	ly		
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Relinquish	ed by: (S	Signatui	re)	Dat	e	Time		Receiv	ved by: (Sigr	nature)	Date			Time							np °C		4					
												tainer			_													
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other																				e clie	nt exp	ense.	ine re	port f	or the	e analys	sis of the	above



Released to Imaging: 1/14/2025 8:28:23 AM

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Client: D					┨╴┝	Company: Devon			lah I	WO#			Job	<u>. </u>	her		10			Std	NIN	CO UT		\vdash
	Spica 25 Fed	IΔH				Address: 205 E Bender Road #1	50	_			33					7	10	20	30	X	X		+ '^	Н
	lanager: As		engo		- 1	City, State, Zip: Hobbs NM, 882		— I		<u>, , , , , , , , , , , , , , , , , , , </u>			<u> </u>	<u>., </u>		<u> </u>		<u> </u>			لسناا			\vdash
	3122 Natio					Phone: (575)748-1838		_	ī				Ana	lvsis	and	Met	hod				EF	A Progr	am	\dashv
	e, Zip: Carls					Email: dale.woodall@dvn.con	,		Ì					.,0.0			-		Г	Γ	SDWA	CWA	_	RA
	575-988-005		00220			liscellaneous: Dale Woodall	<u>' </u>														35 117		+`	
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-				Sample	Informa	ition		-		o by	o by	8021	3260	300.(Σ	<u>ج</u> ا	Aetal				1 11015			
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	La Num	b ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remark	5	
0924	10174176	5	1		F51	118-0.5'		2	(X									
0931	10/24/24	5	1		F51	19 - 0.5'	_	23	2						χ									
0932	10/24/24	5	1		FS	120 - 0.5'		5	3						<u>火</u>									
0921	10/24/24	5	{		F5	123 - 0.51		2	4						X									
					-																	<u></u>		
Addition	al Instruction	ns: Plea	ase CC: ct	ourton@enso	olum.co	m, agiovengo@ensolum.com, d	ale.wo	odall@	₽dvı	n.coi	n, ch	amil	ton@	ens	olur	n.coi	n, ie	strei	la@e	ensol	um.com,			\neg
						@ensolum.com, oaderinto@e														1.	1 1			
1	pler), attest to th :Chad Hami			_	am aware	that tampering with or intentionally mislabe	iing the sa	impie io	cation	, aate	or time	2 OT CO	nection	n IS CO	nsider	ea 1780	a and	rnay b	e grou	rias toi	r legal action.			ŀ
	ed by: (Signatu		Date	Tin	e . I	Received to (Gignature)	Date		_	T/me		7	-		Samp	les regu	iring th	ermal	preserva	ation m	ust be received	on ice the d	ay they a	re
6	A 1		101	25191	216	(The state of the		129	120			U			sampl		ceived				g temp above (
$\perp \perp \underline{\prime}$	Boldy (Signature		- 18°	25.24	leic	Received by: (Signature)	Pate	186	M	Tiffie /b	15		<u> </u>		Rec	eived	l on	ice:		ab U:	se Only I			
	ed by: (Signatu	ire)	Date Date	15/24 7	125c	Received by: (Signature)	Date 10	26.	24	Time	; Q.)			<u> 11</u>				T2_			<u>T3</u>		
Relinquish	ed by: (Signatu	ire)	Date	Tim	ne	Received by: (Signature)	Date			Time						3 Ten			4					
	trix: S - Soil, Sd - S							itainer							_			_						
						her arrangements are made. Hazardous										e clie	nt exp	ense.	The r	eport	for the anal	ysis of the	above	•
Isamples is	applicable only	y to those s	ampies rec	eived by the lab	ioratory w	ith this COC. The liability of the laborat	ory is lin	iitea to	tne a	mour	ıt paid	I TOL C	n the	repo	π.									- 1



envirotech Inc.

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:	10/26/24	08:00	Work Order ID:	E410339
Phone:	(505) 382-1211	Date Logged In:	10/26/24 (09:26	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	11/01/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	Custody (COC)		37			
	e sample ID match the COC? e number of samples per sampling site location may	tch the COC	Yes			
	imples dropped off by client or carrier?	ich the COC	Yes			
	e COC complete, i.e., signatures, dates/times, request	stad analysas?	Yes Yes	Carrier: Courier		
		sted analyses?	Yes			
J. Wele al	l 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.	•	168		<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C						
	ample cooler received?		Yes			
8. If yes, v	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			_			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers'	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· · · · · · · · · · · · · · · · · · ·	ners conceteu:	103			
	rield sample labels filled out with the minimum info	rmation:				
	imple ID?	mation.	Yes			
	ate/Time Collected?		Yes			
	ollectors name?		Yes			
Sample P	<u>reservation</u>					
21. Does t	he COC or field labels indicate the samples were pr	reserved?	No			
22. Are sa	mple(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved n	netals?	No			
Multipha	se Sample Matrix					
	he sample have more than one phase, i.e., multipha	se?	No			
	does the COC specify which phase(s) is to be analy		NA			
	act Laboratory					
	mples required to get sent to a subcontract laborato	en 19	No			
	subcontract laboratory specified by the client and it	-	NA	Subcontract Lab: NA		
		i so who:	INA	Subcontract Lab; NA		
Client In	struction					

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: Spica 25 Fed 4H

Work Order: E410347

Job Number: 01058-0007

Received: 10/29/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/5/24

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: 11/5/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E410347

Date Received: 10/29/2024 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/29/2024 7:30:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H 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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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
FS05-4'	6
FS08-4'	7
FS09-4'	8
FS15-0'	9
FS17-4'	10
FS18-4'	11
FS19-0'	12
FS20-0'	13
FS21-0'	14
FS22-0'	15
FS25-0'	16
FS30-4'	17
FS33-4'	18
FS35-4'	19
FS38-0'	20
FS39-0'	21
FS40-0'	22
FS41-0'	23
FS42-0'	24
FS43-0'	25

Table of Contents (continued)

	SW01-0-4'	26
	SW02-0-4'	27
	SW04-0-4'	28
Q	C Summary Data	29
	QC - Volatile Organic Compounds by EPA8260B	29
	QC - Volatile Organics by EPA 8021B	30
	QC - Nonhalogenated Organics by EPA 8015D - GRO	31
	QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	33
	QC - Anions by EPA 300.0/9056A	35
De	efinitions and Notes	37
CI	nain of Custody etc.	38

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Keportea:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/05/24 10:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS05-4'	E410347-01A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS08-4'	E410347-02A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS09-4'	E410347-03A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS15-0'	E410347-04A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS17-4'	E410347-05A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS18-4'	E410347-06A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS19-0'	E410347-07A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS20-0'	E410347-08A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS21-0'	E410347-09A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS22-0'	E410347-10A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS25-0'	E410347-11A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS30-4'	E410347-12A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS33-4'	E410347-13A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS35-4'	E410347-14A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS38-0'	E410347-15A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS39-0'	E410347-16A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS40-0'	E410347-17A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS41-0'	E410347-18A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS42-0'	E410347-19A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
FS43-0'	E410347-20A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
SW01-0-4'	E410347-21A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
SW02-0-4'	E410347-22A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.
SW04-0-4'	E410347-23A	Soil	10/25/24	10/29/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS05-4' E410347-01

	Reporting					
Result	Limit	Dilu	ution	Prepared	Analyzed	Notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2444039
ND	0.0250		1	10/29/24	11/02/24	
ND	0.0250		1	10/29/24	11/02/24	
ND	0.0250		1	10/29/24	11/02/24	
ND	0.0250		1	10/29/24	11/02/24	
ND	0.0500		1	10/29/24	11/02/24	
ND	0.0250	1	1	10/29/24	11/02/24	
	118 %	70-130		10/29/24	11/02/24	
	95.6 %	70-130		10/29/24	11/02/24	
	111 %	70-130		10/29/24	11/02/24	
mg/kg	111 % mg/kg		Analyst:		11/02/24	Batch: 2444039
mg/kg ND			Analyst:		11/02/24	Batch: 2444039
	mg/kg			IY		Batch: 2444039
	mg/kg 20.0	:		IY 10/29/24	11/02/24	Batch: 2444039
	mg/kg 20.0	70-130		IY 10/29/24 10/29/24	11/02/24 11/02/24	Batch: 2444039
	mg/kg 20.0 118 % 95.6 %	70-130 70-130 70-130		IY 10/29/24 10/29/24 10/29/24 10/29/24	11/02/24 11/02/24 11/02/24	Batch: 2444039 Batch: 2444054
ND	mg/kg 20.0 118 % 95.6 % 111 %	70-130 70-130 70-130	1	IY 10/29/24 10/29/24 10/29/24 10/29/24	11/02/24 11/02/24 11/02/24	
ND mg/kg	mg/kg 20.0 118 % 95.6 % 111 % mg/kg	70-130 70-130 70-130	1	10/29/24 10/29/24 10/29/24 10/29/24 NV	11/02/24 11/02/24 11/02/24 11/02/24	
ND mg/kg ND	mg/kg 20.0 118 % 95.6 % 111 % mg/kg 25.0	70-130 70-130 70-130	1	10/29/24 10/29/24 10/29/24 10/29/24 NV 10/29/24	11/02/24 11/02/24 11/02/24 11/02/24 11/02/24	
ND mg/kg ND	mg/kg 20.0 118 % 95.6 % 111 % mg/kg 25.0 50.0	70-130 70-130 70-130 70-130	1	10/29/24 10/29/24 10/29/24 10/29/24 NV 10/29/24 10/29/24 10/29/24	11/02/24 11/02/24 11/02/24 11/02/24 11/02/24 11/02/24	
	mg/kg ND ND ND ND ND ND ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 0.0250 118 % 95.6 %	Result Limit Dile mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 ND 70-130 95.6 % 70-130	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IV ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0500 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 95.6 % 70-130 10/29/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IV ND 0.0250 1 10/29/24 11/02/24 ND 0.0500 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS08-4' E410347-02

		E410347-02					
Anglista	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dili	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444039
Benzene	ND	0.0250		1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250		1	10/29/24	11/02/24	
Toluene	ND	0.0250		1	10/29/24	11/02/24	
o-Xylene	ND	0.0250		1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500		1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2444054
Diesel Range Organics (C10-C28)	82.2	25.0		1	10/29/24	11/02/24	
Oil Range Organics (C28-C36)	52.1	50.0		1	10/29/24	11/02/24	
Surrogate: n-Nonane		79.8 %	50-200		10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444091
Chloride	58.0	20.0		1	10/30/24	11/01/24	_



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo11/5/2024 10:48:39AM

FS09-4' E410347-03

		E 1100 17 00				
Analyte	Result	Reporting Limit	Dilut	tion Prepa	red Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY		Batch: 2444039
Benzene	ND	0.0250	1	10/29	/24 11/02/24	
Ethylbenzene	ND	0.0250	1	10/29	/24 11/02/24	
Toluene	ND	0.0250	1	10/29	/24 11/02/24	
o-Xylene	ND	0.0250	1	10/29	/24 11/02/24	
p,m-Xylene	ND	0.0500	1	10/29	/24 11/02/24	
Total Xylenes	ND	0.0250	1	10/29	/24 11/02/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/29/	/24 11/02/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	10/29	/24 11/02/24	
Surrogate: Toluene-d8		111 %	70-130	10/29	/24 11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29	/24 11/02/24	
Surrogate: Bromofluorobenzene		117 %	70-130	10/29	/24 11/02/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	10/29	/24 11/02/24	
Surrogate: Toluene-d8		111 %	70-130	10/29	/24 11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2444054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/29	/24 11/02/24	_
Oil Range Organics (C28-C36)	ND	50.0	1	10/29	/24 11/02/24	
Surrogate: n-Nonane		77.4 %	50-200	10/29	/24 11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2444091
Chloride	ND	20.0	1	10/30	/24 11/01/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS15-0' E410347-04

		E110017 01					
Austra	Result	Reporting Limit		lution	D 4	Analyzed	Notes
Analyte	Result	Limit	Dil	lution	Prepared	Anaiyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: IY			Batch: 2444039	
Benzene	ND	0.0250		1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250		1	10/29/24	11/02/24	
Toluene	ND	0.0250		1	10/29/24	11/02/24	
o-Xylene	ND	0.0250		1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500		1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		110 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: IY			Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		110 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: NV			Batch: 2444054
Diesel Range Organics (C10-C28)	42.6	25.0	•	1	10/29/24	11/02/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	10/29/24	11/02/24	
Surrogate: n-Nonane		79.1 %	50-200	·	10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg mg/kg		Analyst: DT				Batch: 2444091
Chloride	1900	20.0		1	10/30/24	11/01/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS17-4' E410347-05

Dogult	Reporting		ntion	Duomonod	A malviga J	Notes
Resuit	Limit	Dil	uiion	Prepared	Anaiyzed	notes
mg/kg	mg/kg		Analyst:	IY		Batch: 2444039
ND	0.0250		1	10/29/24	11/02/24	
ND	0.0250		1	10/29/24	11/02/24	
ND	0.0250		1	10/29/24	11/02/24	
ND	0.0250		1	10/29/24	11/02/24	
ND	0.0500		1	10/29/24	11/02/24	
ND	0.0250		1	10/29/24	11/02/24	
	115 %	70-130		10/29/24	11/02/24	
	97.6 %	70-130		10/29/24	11/02/24	
	111 %	70-130		10/29/24	11/02/24	
mg/kg	mg/kg		Analyst:	IY		Batch: 2444039
ND	20.0		1	10/29/24	11/02/24	
	115 %	70-130		10/29/24	11/02/24	
	97.6 %	70-130		10/29/24	11/02/24	
	111 %	70-130		10/29/24	11/02/24	
mg/kg	mg/kg		Analyst:	NV		Batch: 2444054
ND	25.0		1	10/29/24	11/02/24	
ND	50.0		1	10/29/24	11/02/24	
	91.8 %	50-200		10/29/24	11/02/24	
mg/kg	mg/kg		Analyst:	DT		Batch: 2444091
	ND ND ND ND ND ND ND ND ND 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 III % 97.6 % III % mg/kg ND 20.0 III % 97.6 % III % mg/kg mg/kg mg/kg ND 25.0 ND 50.0	Result Limit Dil mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ID 0.0250 III % 70-130 70-130 III % ND 20.0 III % 70-130 70-130 III % 70-130	Result Limit Dilution mg/kg mg/kg Analyst: ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 115 % 70-130 97.6 % 70-130 111 % 70-130 mg/kg mg/kg Analyst: 111 % 70-130 111 % mg/kg Analyst: ND 25.0 1 ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IV ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0500 1 10/29/24 ND 0.0250 1 10/29/24 ND 70-130 10/29/24 97.6 % 70-130 10/29/24 111 % 70-130 10/29/24 MD 20.0 1 10/29/24 115 % 70-130 10/29/24 97.6 % 70-130 10/29/24 111 % 70-130 10/29/24 111 % 70-130 10/29/24 111 % 70-130 10/29/24 111 % 70-130 10/29/24 111 % 70-130 10/29/24 111 % 70-130 10/29/24 10/29/24 111 <td< td=""><td>Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 ND 0.0500 1 10/29/24 11/02/24 ND 0.0500 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 97.6 % 70-130 10/29/24 11/02/24 111 % 70-130 10/29/24 11/02/24 mg/kg mg/kg Analyst: IY 11/02/24 ND 20.0 1 10/29/24 11/02/24 115 % 70-130 10/29/24 11/02/24 97.6 % 70-130 10/29/24 11/02/24 111 % 70-130 10/29/24 11/02/24 mg/</td></td<>	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 ND 0.0500 1 10/29/24 11/02/24 ND 0.0500 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 97.6 % 70-130 10/29/24 11/02/24 111 % 70-130 10/29/24 11/02/24 mg/kg mg/kg Analyst: IY 11/02/24 ND 20.0 1 10/29/24 11/02/24 115 % 70-130 10/29/24 11/02/24 97.6 % 70-130 10/29/24 11/02/24 111 % 70-130 10/29/24 11/02/24 mg/



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS18-4' E410347-06

Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
				1	7 Hinty 200	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		analyst: IY	44/00/0	Batch: 2444039
Benzene	ND	0.0250	1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/29/24	11/02/24	
Toluene	ND	0.0250	1	10/29/24	11/02/24	
o-Xylene	ND	0.0250	1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	10/29/24	11/02/24	
Surrogate: Toluene-d8		111 %	70-130	10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: IY		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130	10/29/24	11/02/24	
Surrogate: Toluene-d8		111 %	70-130	10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2444054
Diesel Range Organics (C10-C28)	45.4	25.0	1	10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/29/24	11/02/24	
Surrogate: n-Nonane		80.9 %	50-200	10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: DT		Batch: 2444091
Chloride	430	20.0	1	10/30/24	11/01/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS19-0' E410347-07

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY	?		Batch: 2444039
Benzene	ND	0.0250	1		10/29/24	11/02/24	
Ethylbenzene	ND	0.0250	1		10/29/24	11/02/24	
Toluene	ND	0.0250	1		10/29/24	11/02/24	
o-Xylene	ND	0.0250	1		10/29/24	11/02/24	
p,m-Xylene	ND	0.0500	1		10/29/24	11/02/24	
Total Xylenes	ND	0.0250	1		10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		112 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: IY	?		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		96.5 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		112 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: N	V		Batch: 2444054
Diesel Range Organics (C10-C28)	27.1	25.0	1		10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1		10/29/24	11/02/24	
Surrogate: n-Nonane	·	85.8 %	50-200		10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: D	Т		Batch: 2444091
Chloride	979	20.0	1		10/30/24	11/01/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS20-0' E410347-08

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: IY			Batch: 2444039
Benzene	ND	0.0250	1		10/29/24	11/02/24	
Ethylbenzene	ND	0.0250	1	Į.	10/29/24	11/02/24	
Toluene	ND	0.0250	1	ļ.	10/29/24	11/02/24	
o-Xylene	ND	0.0250	1	ļ.	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500	1	ļ.	10/29/24	11/02/24	
Total Xylenes	ND	0.0250	1	[10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		115 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: IY			Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		115 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV	<i>I</i>		Batch: 2444054
Diesel Range Organics (C10-C28)	ND	25.0	1		10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	l	10/29/24	11/02/24	
Surrogate: n-Nonane		91.3 %	50-200		10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: DT	Γ		Batch: 2444091
Chloride	1430	20.0	1		10/30/24	11/01/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS21-0' E410347-09

	D. I	Reporting			D 1		N
Analyte	Result	Limit	Dil	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: IY		Batch: 2444039
Benzene	ND	0.0250		1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250		1	10/29/24	11/02/24	
Toluene	ND	0.0250		1	10/29/24	11/02/24	
o-Xylene	ND	0.0250		1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500		1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		117 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		110 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		117 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		110 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2444054
Diesel Range Organics (C10-C28)	ND	25.0	•	1	10/29/24	11/02/24	_
Oil Range Organics (C28-C36)	ND	50.0		1	10/29/24	11/02/24	
Surrogate: n-Nonane		87.0 %	50-200		10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2444091
Chloride	94.8	20.0		1	10/30/24	11/01/24	_



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS22-0' E410347-10

	2.10317 10				
Result			ion Prepared	Analyzed	Notes
			1		Batch: 2444039
				11/02/24	Batcii. 2444039
		•			
		•			
		•			
		1			
		1			
ND	0.0250	1	10/29/24	11/02/24	
	114 %	70-130	10/29/24	11/02/24	
	94.0 %	70-130	10/29/24	11/02/24	
	112 %	70-130	10/29/24	11/02/24	
mg/kg	mg/kg	A	nalyst: IY		Batch: 2444039
ND	20.0	1	10/29/24	11/02/24	
	114 %	70-130	10/29/24	11/02/24	
	94.0 %	70-130	10/29/24	11/02/24	
	112 %	70-130	10/29/24	11/02/24	
mg/kg	mg/kg	A	analyst: NV		Batch: 2444054
115	25.0	1	10/29/24	11/02/24	
97.2	50.0	1	10/29/24	11/02/24	
	84.8 %	50-200	10/29/24	11/02/24	
mg/kg	mg/kg	A	nalyst: DT		Batch: 2444091
	ND mg/kg 115	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 II4 % 94.0 % II2 % mg/kg ND 20.0 II4 % 94.0 % II2 % mg/kg mg/kg mg/kg 112 % mg/kg mg/kg 50.0 84.8 % 84.8 %	mg/kg mg/kg A ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 114 % 70-130 70-130 112 % 70-130 1 mg/kg mg/kg A ND 20.0 1 114 % 70-130 70-130 112 % 70-130 1 mg/kg mg/kg A 115 25.0 1 97.2 50.0 1 84.8 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: IY ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0500 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 ND 0.0250 1 10/29/24 94.0 % 70-130 10/29/24 112 % 70-130 10/29/24 mg/kg mg/kg Analyst: IY ND 20.0 1 10/29/24 94.0 % 70-130 10/29/24 112 % 70-130 10/29/24 112 % 70-130 10/29/24 mg/kg mg/kg Analyst: NV 115 25.0 1 10/29/24 97.2 50.0 1 10/29/24 84.8 % 50-200 10/29/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: IY ND 0.0250 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 ND 0.0500 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 ND 0.0250 1 10/29/24 11/02/24 94.0 % 70-130 10/29/24 11/02/24 112 % 70-130 10/29/24 11/02/24 MD 20.0 1 10/29/24 11/02/24 MD 20.0 1 10/29/24 11/02/24 MD 20.0 1 10/29/24 11/02/24 MD 70-130 10/29/24 11/02/24 MD 70-130 10/29/24 11/02/24 <

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS25-0' E410347-11

		E410347-11					
	D 1	Reporting			D 1		N .
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444039
Benzene	ND	0.0250		1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250		1	10/29/24	11/02/24	
Toluene	ND	0.0250		1	10/29/24	11/02/24	
o-Xylene	ND	0.0250		1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500		1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		115 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		110 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		115 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		110 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2444054
Diesel Range Organics (C10-C28)	ND	25.0		1	10/29/24	11/02/24	_
Oil Range Organics (C28-C36)	ND	50.0	<u> </u>	1	10/29/24	11/02/24	
Surrogate: n-Nonane		90.0 %	50-200		10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444091
Chloride	147	20.0		1	10/30/24	11/01/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS30-4' E410347-12

		Reporting					
Analyte	Result	Limit	Dilut	tion Pre	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: IY			Batch: 2444039
Benzene	ND	0.0250	1	10/2	29/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/	29/24	11/02/24	
Toluene	ND	0.0250	1	10/	29/24	11/02/24	
o-Xylene	ND	0.0250	1	10/	29/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/	29/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/	29/24	11/02/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/.	29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	10/.	29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130	10/.	29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: IY			Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/	29/24	11/02/24	
Surrogate: Bromofluorobenzene		114 %	70-130	10/.	29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	10/.	29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130	10/.	29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2444054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/2	29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/	29/24	11/02/24	
Surrogate: n-Nonane		92.8 %	50-200	10/.	29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2444091
Chloride	89.6	20.0	1		30/24	11/01/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS33-4' E410347-13

	Reporting	ng					
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: IY		Batch: 2444039	
Benzene	ND	0.0250	1	10/29/24	11/02/24		
Ethylbenzene	ND	0.0250	1	10/29/24	11/02/24		
Toluene	ND	0.0250	1	10/29/24	11/02/24		
o-Xylene	ND	0.0250	1	10/29/24	11/02/24		
p,m-Xylene	ND	0.0500	1	10/29/24	11/02/24		
Total Xylenes	ND	0.0250	1	10/29/24	11/02/24		
Surrogate: Bromofluorobenzene		114 %	70-130	10/29/24	11/02/24		
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	10/29/24	11/02/24		
Surrogate: Toluene-d8		109 %	70-130	10/29/24	11/02/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: IY		Batch: 2444039	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/24	11/02/24		
Surrogate: Bromofluorobenzene		114 %	70-130	10/29/24	11/02/24		
Surrogate: 1,2-Dichloroethane-d4		93.7 %	70-130	10/29/24	11/02/24		
Surrogate: Toluene-d8		109 %	70-130	10/29/24	11/02/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2444054	
Diesel Range Organics (C10-C28)	66.8	25.0	1	10/29/24	11/02/24		
Oil Range Organics (C28-C36)	ND	50.0	1	10/29/24	11/02/24		
Surrogate: n-Nonane		93.0 %	50-200	10/29/24	11/02/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: DT		Batch: 2444091	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS35-4' E410347-14

	D 1	Reporting					N.
Analyte	Result	Limit	Dilt	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444039
Benzene	ND	0.0250		1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250		1	10/29/24	11/02/24	
Toluene	ND	0.0250		1	10/29/24	11/02/24	
o-Xylene	ND	0.0250		1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500		1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		112 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		112 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2444054
Diesel Range Organics (C10-C28)	65.3	25.0		1	10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/29/24	11/02/24	
Surrogate: n-Nonane		86.7 %	50-200		10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444091
Chloride	28.8	20.0		1	10/30/24	11/01/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS38-0' E410347-15

		2110011110					
Acates	Result	Reporting Limit		ution	Dunnand	A	Notes
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: IY		Batch: 2444039
Benzene	ND	0.0250		1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250		1	10/29/24	11/02/24	
Toluene	ND	0.0250		1	10/29/24	11/02/24	
o-Xylene	ND	0.0250		1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500		1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		108 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		108 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2444054
Diesel Range Organics (C10-C28)	ND	25.0		1	10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/29/24	11/02/24	
Surrogate: n-Nonane		88.6 %	50-200		10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2444091
Chloride	438	20.0		1	10/30/24	11/01/24	<u> </u>



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS39-0' E410347-16

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: IY			Batch: 2444039
Benzene	ND	0.0250	1		10/29/24	11/02/24	
Ethylbenzene	ND	0.0250	1		10/29/24	11/02/24	
Toluene	ND	0.0250	1		10/29/24	11/02/24	
o-Xylene	ND	0.0250	1		10/29/24	11/02/24	
p,m-Xylene	ND	0.0500	1		10/29/24	11/02/24	
Total Xylenes	ND	0.0250	1		10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: IY			Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2444054
Diesel Range Organics (C10-C28)	ND	25.0	1		10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1		10/29/24	11/02/24	
Surrogate: n-Nonane		89.5 %	50-200		10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2444091
Chloride	713	20.0	1		10/30/24	11/01/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS40-0' E410347-17

		E410347-17					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: l	Y		Batch: 2444039
Benzene	ND	0.0250	1	1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250	1	1	10/29/24	11/02/24	
Toluene	ND	0.0250	1	1	10/29/24	11/02/24	
o-Xylene	ND	0.0250	1	l	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500	1	l	10/29/24	11/02/24	
Total Xylenes	ND	0.0250	1	1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: l	Y		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		114 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: 1	NV		Batch: 2444054
Diesel Range Organics (C10-C28)	ND	25.0	1	1	10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	10/29/24	11/02/24	
Surrogate: n-Nonane		96.6 %	50-200		10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	OT		Batch: 2444091
Chloride	781	20.0	1	1	10/30/24	11/01/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS41-0' E410347-18

		2.1100 17 10					
Analyte	Result	Reporting Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	•		Batch: 2444039
Benzene	ND	0.0250		1	10/29/24	11/02/24	Buten: 2 1 1 1003
Ethylbenzene	ND	0.0250		1	10/29/24	11/02/24	
Toluene	ND	0.0250		1	10/29/24	11/02/24	
o-Xylene	ND	0.0250		1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500		1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		112 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: IY		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		112 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2444054
Diesel Range Organics (C10-C28)	38.1	25.0		1	10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/29/24	11/02/24	
Surrogate: n-Nonane		86.2 %	50-200		10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2444091
Chloride	735	20.0	_	1	10/30/24	11/01/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS42-0' E410347-19

		2.1100 1.7 1.7					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Anaryte	Result	Limit	DI	lution	rrepared	Anatyzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	IY		Batch: 2444039
Benzene	ND	0.0250		1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250		1	10/29/24	11/02/24	
Toluene	ND	0.0250		1	10/29/24	11/02/24	
o-Xylene	ND	0.0250		1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500		1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		113 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	IY		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0		1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		113 %	70-130		10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130		10/29/24	11/02/24	
Surrogate: Toluene-d8		109 %	70-130		10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2444054
Diesel Range Organics (C10-C28)	ND	25.0		1	10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0		1	10/29/24	11/02/24	
Surrogate: n-Nonane		86.8 %	50-200		10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2444091
Chloride	1530	20.0		1	10/30/24	11/01/24	
Chloride	1530	20.0		1	10/30/24	11/01/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

FS43-0' E410347-20

Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: IY		Batch: 2444039
Benzene	ND	0.0250	1	10/29/24	11/02/24	Baten. 2 1 1 103)
Ethylbenzene	ND	0.0250	1	10/29/24	11/02/24	
Toluene	ND	0.0250	1	10/29/24	11/02/24	
o-Xylene	ND	0.0250	1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		88.5 %	70-130	10/29/24	11/02/24	
Surrogate: Toluene-d8		111 %	70-130	10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: IY		Batch: 2444039
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/24	11/02/24	
Surrogate: Bromofluorobenzene		116 %	70-130	10/29/24	11/02/24	
Surrogate: 1,2-Dichloroethane-d4		88.5 %	70-130	10/29/24	11/02/24	
Surrogate: Toluene-d8		111 %	70-130	10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2444054
Diesel Range Organics (C10-C28)	ND	25.0	1	10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/29/24	11/02/24	
Surrogate: n-Nonane		94.9 %	50-200	10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: DT		Batch: 2444091
Chloride	3620	40.0	2	10/30/24	11/01/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

SW01-0-4' E410347-21

		E410347-21				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444053
Benzene	ND	0.0250	1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/29/24	11/02/24	
Toluene	ND	0.0250	1	10/29/24	11/02/24	
o-Xylene	ND	0.0250	1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/29/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444053
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444047
Diesel Range Organics (C10-C28)	ND	25.0	1	10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/29/24	11/02/24	
Surrogate: n-Nonane		89.9 %	50-200	10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2444093
Chloride	ND	20.0	1	10/30/24	11/01/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

SW02-0-4' E410347-22

		L-1105-17 22				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2444053
Benzene	ND	0.0250	1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/29/24	11/02/24	
Toluene	ND	0.0250	1	10/29/24	11/02/24	
o-Xylene	ND	0.0250	1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/29/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444053
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2444047
Diesel Range Organics (C10-C28)	ND	25.0	1	10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/29/24	11/02/24	
Surrogate: n-Nonane		92.2 %	50-200	10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2444093
Chloride	ND	20.0	1	10/30/24	11/01/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

SW04-0-4' E410347-23

		E+105+7-25				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL		·	Batch: 2444053
Benzene	ND	0.0250	1	10/29/24	11/02/24	
Ethylbenzene	ND	0.0250	1	10/29/24	11/02/24	
Toluene	ND	0.0250	1	10/29/24	11/02/24	
o-Xylene	ND	0.0250	1	10/29/24	11/02/24	
p,m-Xylene	ND	0.0500	1	10/29/24	11/02/24	
Total Xylenes	ND	0.0250	1	10/29/24	11/02/24	
Surrogate: 4-Bromochlorobenzene-PID		90.0 %	70-130	10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444053
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/29/24	11/02/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	10/29/24	11/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444047
Diesel Range Organics (C10-C28)	ND	25.0	1	10/29/24	11/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/29/24	11/02/24	
Surrogate: n-Nonane		93.1 %	50-200	10/29/24	11/02/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2444093
Chloride	ND	20.0	1	10/30/24	11/01/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			11	/5/2024 10:48:39AM
	Vo	olatile Organ	ic Compo	unds by EI	PA 82601	В			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 (2444039-BLK1)							Prepared: 10	0/29/24 Ana	lyzed: 11/02/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.578		0.500		116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500		95.8	70-130			
Surrogate: Toluene-d8	0.556		0.500		111	70-130			
LCS (2444039-BS1)							Prepared: 10	0/29/24 Ana	lyzed: 11/02/24
Benzene	2.36	0.0250	2.50		94.2	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.4	70-130			
Toluene	2.48	0.0250	2.50		99.0	70-130			
o-Xylene	2.61	0.0250	2.50		104	70-130			
o,m-Xylene	5.18	0.0500	5.00		104	70-130			
Total Xylenes	7.78	0.0250	7.50		104	70-130			
Surrogate: Bromofluorobenzene	0.587		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.474		0.500		94.7	70-130			
Surrogate: Toluene-d8	0.550		0.500		110	70-130			
LCS Dup (2444039-BSD1)							Prepared: 10	0/29/24 Ana	lyzed: 11/02/24
Benzene	2.37	0.0250	2.50		94.9	70-130	0.698	23	
Ethylbenzene	2.48	0.0250	2.50		99.4	70-130	0.0201	27	
Toluene	2.49	0.0250	2.50		99.5	70-130	0.484	24	
o-Xylene	2.60	0.0250	2.50		104	70-130	0.0576	27	
o,m-Xylene	5.20	0.0500	5.00		104	70-130	0.482	27	
Total Xylenes	7.81	0.0250	7.50		104	70-130	0.301	27	
Surrogate: Bromofluorobenzene	0.586		0.500		117	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
-									



70-130

Surrogate: Toluene-d8

0.553

Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

Artesia NM, 88210		Project Number: Project Manager:		shley Giovengo	o			1	11/5/2024 10:48:39AM
		Volatile Organics by EPA 8021B							Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444053-BLK1)							Prepared: 1	0/29/24 Ar	nalyzed: 11/02/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.14		8.00		89.3	70-130			
LCS (2444053-BS1)							Prepared: 10	0/29/24 Ar	nalyzed: 11/02/24
Benzene	5.19	0.0250	5.00		104	70-130			
Ethylbenzene	5.07	0.0250	5.00		101	70-130			
Toluene	5.17	0.0250	5.00		103	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
Total Xylenes	15.4	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.19		8.00		89.9	70-130			
LCS Dup (2444053-BSD1)							Prepared: 10	0/29/24 Ar	nalyzed: 11/02/24
Benzene	5.42	0.0250	5.00		108	70-130	4.26	20	
Ethylbenzene	5.30	0.0250	5.00		106	70-130	4.29	20	
Toluene	5.40	0.0250	5.00		108	70-130	4.35	20	
o-Xylene	5.31	0.0250	5.00		106	70-130	4.71	20	
p,m-Xylene	10.7	0.0500	10.0		107	70-130	4.36	20	
Total Xylenes	16.1	0.0250	15.0		107	70-130	4.47	20	



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo11/5/2024 10:48:39AM

Nonhalogenated O	rganics by	EPA 8015D -	GRO
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:

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

Blank (2444039-BLK1)						Prepared: 10)/29/24 Aı	nalyzed: 11/02/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.578		0.500	116	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.479		0.500	95.8	70-130			
Surrogate: Toluene-d8	0.556		0.500	111	70-130			
LCS (2444039-BS2)						Prepared: 10)/29/24 Aı	nalyzed: 11/02/24
Gasoline Range Organics (C6-C10)	43.3	20.0	50.0	86.6	70-130			
Surrogate: Bromofluorobenzene	0.599		0.500	120	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500	94.4	70-130			
Surrogate: Toluene-d8	0.562		0.500	112	70-130			
LCS Dup (2444039-BSD2)						Prepared: 10	0/29/24 Aı	nalyzed: 11/02/24
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	86.3	70-130	0.393	20	
Surrogate: Bromofluorobenzene	0.588		0.500	118	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500	95.4	70-130			
Surrogate: Toluene-d8	0.557		0.500	111	70-130			



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			1	1/5/2024 10:48:39AM		
	Non	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: SL		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2444053-BLK1)							Prepared: 1	0/29/24 An	alyzed: 11/02/24		
Gasoline Range Organics (C6-C10)	ND	20.0									
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130					
LCS (2444053-BS2)							Prepared: 1	0/29/24 An	alyzed: 11/02/24		
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.8	70-130					
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.44		8.00		93.0	70-130					
LCS Dup (2444053-BSD2)							Prepared: 1	0/29/24 An	alyzed: 11/02/24		
Gasoline Range Organics (C6-C10)	42.4	20.0	50.0		84.8	70-130	2.39	20			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130					

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

Artesia NM, 88210		Project Manager	r: As	shley Gioveng	go				11/5/2024 10:48:39AM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2444047-BLK1)							Prepared: 1	0/29/24 A	Analyzed: 11/02/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.5		50.0		87.1	50-200			
LCS (2444047-BS1)							Prepared: 1	0/29/24 A	Analyzed: 11/02/24
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
Surrogate: n-Nonane	50.2		50.0		100	50-200			
LCS Dup (2444047-BSD1)							Prepared: 1	0/29/24 A	Analyzed: 11/02/24
Diesel Range Organics (C10-C28)	284	25.0	250		114	38-132	4.91	20	
Surrogate: n-Nonane	49.7		50.0		99.4	50-200			



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			11/	5/2024 10:48:39AM
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444054-BLK1)							Prepared: 1	0/29/24 Ana	lyzed: 11/02/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.0		50.0		86.0	50-200			
LCS (2444054-BS1)							Prepared: 1	0/29/24 Ana	lyzed: 11/02/24
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	46.0		50.0		91.9	50-200			
LCS Dup (2444054-BSD1)							Prepared: 1	0/29/24 Ana	lyzed: 11/02/24
Diesel Range Organics (C10-C28)	266	25.0	250		106	38-132	2.77	20	
Surrogate: n-Nonane	47 1		50.0		94.1	50-200			

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Spica 25 Fed 4H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/5/2024 10:48:39AM

		Anions	by EPA 3	00.0/9056A	1				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2444091-BLK1)						I	Prepared: 1	0/30/24 Ana	llyzed: 11/01/24
Chloride	ND	20.0							
LCS (2444091-BS1)						I	Prepared: 1	0/30/24 Ana	lyzed: 11/01/24

Chloride	ND	20.0							
LCS (2444091-BS1)					F	Prepared: 10	/30/24 Aı	nalyzed: 11/01	/24
Chloride	255	20.0	250	102	90-110				
LCS Dup (2444091-BSD1)					F	Prepared: 10	/30/24 Aı	nalyzed: 11/01	/24
Chloride	255	20.0	250	102	90-110	0.315	20		

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		pica 25 Fed 4F	I				Reported:
Artesia NM, 88210		Project Manager		Ashley Gioveng	go			1	11/5/2024 10:48:39AM
		Anions	by EPA	300.0/9056	1				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2444093-BLK1)							Prepared: 1	0/30/24 Ar	nalyzed: 11/01/24
Chloride	ND	20.0							
LCS (2444093-BS1)							Prepared: 10	0/30/24 Ar	nalyzed: 11/01/24
Chloride	249	20.0	250		99.7	90-110			
LCS Dup (2444093-BSD1)							Prepared: 10	0/30/24 Ar	nalyzed: 11/01/24
Chloride	250	20.0	250		100	90-110	0.237	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:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/05/24 10:48

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 1/14/2025 8:28:23 AM

	Clie	nt Inform	nation		1 1	Invoice Informati	ion					La	ıb Us	ie Or	ily			ĺ	T/	AΤ			State	:
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Project:	Spica 25 Fe	d 4H				ddress: 5315 Buena Vista (Dr		E	E4	10	747	-	010	58	-00	507				Х	X		
Project N	Manager: As	hley Giov	engo		<u>Ci</u>	ity, State, Zip: Carlsbad NN	<u>1, 8822(</u>	00																
Address:	: 3122 Natio	nal Parks	Hwy		Ph	one: (575)689-7597				Γ				Ana	lysis	and	Met	hod				EPA	Progra	m
City, Stat	te, Zip: Carls	bad NM,	88220		Er	mail: jim.raley@dvn.com				Ī												SDWA	CWA	RCRA
Phone:	575-988-005	5				scellaneous: Jim Raley											l							
Email: a	giovengo@e	nsolum.c	om			•				1	2	57				1						Compliance	Υ	or N
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				Sam	ple Informati	ion					Q Q	Õ	807	856	8	ź	🚡	ž	1					
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Filter	Lab Numb	oer	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Ro	emarks	
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1247						08-41			2							1								
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1304					FS	17-41			5															
1307					FS	18-4'			6							Ц								
0921					FS	14-0'			7															
0919	*				FS	20-O`			8															
0410					F5	21-01			9															
0916	L	I				22-0'			10							1								
Addition	nal Instructio	ns: Ple	ase CC: o	burton@e	ensolum.com	, agiovengo@ensolum.com	n, jim.r	aley	@dvn	.con	n, ie	stre	la@	enso	lum.	com	, cha	milto	on@e	enso	lum.	com,		
	ns@ensolun																							
						at tampering with or intentionally mis	slabeling t	he san	mple loca	ation,	date	or tim	e of co	llectio	n is co	nsider	ed frau	ıd and	may b	e grou	nds fo	r legal action.		
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ge <u>2</u>	of 3 Reco
	Received by OCD: 12/20/2024 7:36:4
CRA	CD: 12/
N	20/2024
	7:36:4

Phone: 575-988-0055 Email: agiovengo@ensolum.com Sample Information Email: pinitale ye shitesting Miscellaneous: Jim Raley Somple Information	EPA Progra SDWA CWA compliance Y PWSID #	
Address: 5315 Buena Vista Dr Project Manager: Ashley Giovengo Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Email: jim.raley@dvn.com Miscellaneous: Jim Raley Sample Information Address: 5315 Buena Vista Dr City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Email: jim.raley@dvn.com Miscellaneous: Jim Raley	EPA Progra SDWA CWA Compliance Y PWSID #	m RCRA
City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Email: agiovengo@ensolum.com City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Email: jim.raley@dvn.com Miscellaneous: Jim Raley Sample Information City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Email: jim.raley@dvn.com Somple Information City, State, Zip: Carlsbad NM, 88220 Phone: (575)689-7597 Email: jim.raley@dvn.com Somple Information	SDWA CWA Compliance Y PWSID#	RCRA
City, State, Zip: Carlsbad NM, 88220 Phone: 575-988-0055 Email: jim.raley@dvn.com Miscellaneous: Jim Raley Sample Information	SDWA CWA Compliance Y PWSID#	RCRA
Phone: 575-988-0055 Email: agiovengo@ensolum.com Sample Information Miscellaneous: Jim Raley Co Pt Co Pt Sample Information	Fompliance Y PWSID#	
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Time Sampled Date Sampled Matrix No. of Containers Sample ID Sampl	Remarks	
0914 10/25/24 S 1 FSZ5-04 11 X		
1311 F530-4" 12		
1307 F533-41 13		
1309 F535-4' 141		
0907 F538-0' 15		
0905 F535-0' 16		
0903 F540-0° 17		
0401 FS41-100 18		
0852 F542-0' 19		
3857		
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, jim.raley@dvn.com, iestrella@ensolum.com, chamilton@ensolum.cor	ım,	
osimmons@ensolum.com		
(field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for leg	gal action.	
Sampled by: Charles High Canzales Relinquished by: (Signature) Date Time Received by: (Signature) Date Time Samples requiring thermal preservation must be	t be received on ice the day	y they are
sampled or received packed in ice at an avg ter		
Relinquished by (Signature) Date Time Received by: (Signature) Date Time Lab Use	Only	
Michelle Gonzales 10-28 H 1600 May 1900 10-18-14 /700 Received on ice: (7)/N		
Indew 1080 10.18.4 1315 Nac Soft 15-29-24 0730 11 12	<u>T3</u>	
AVG Temp °C		
Sample Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other		

						Chain	of Cus	tody												Page _	3
Client Information			Invoice Information			Lab Use Only								TAT 1D 2D 3D Std			State NM CO UT TX X X I I I I I I I I I I I I I I I I	7			
Client: Devon Project: Spica 25 Fed 4H				C	Address: 5315 Buena Vista Dr			Lab WO# Job Number E 110347 0658-005													
													7				X	3			
	Manager: Ash					City, State, Zip: Carlsbad NM, 88220															
Address: 3122 National Parks Hwy					one: (575)689-7597				-	_		Ana	alysis and Method					EPA Program			
City, State, Zip: Carlsbad NM, 88220					Email: jim.raley@dvn.com			10										SD	WA CWA RCRA	1	
Phone: 575-988-0055 Email: agiovengo@ensolum.com				- Mis	Miscellaneous: Jim Raley													Com	Compliance Y or N	<u> </u>	
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lal Num	b ber	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks	
1304	10/25/24	5			Si	NO1-0-4'		21							X						
1300	10/25/24	5	1		Su	NO1-0-4' NO2-0-4'		22							X						
1254	10125124	5	1		50	JO4-0-41		23	3						X						
bsimmo , (field sam	ns@ensolum	.com	d authenticit		. I am aware th	, agiovengo@ensolum.com,	2.4														
	ed-by: (Signatur		Date	9	ime 1015	Received by: (Signature)	leg 1	te 0 28 d		ime [0	Sic					ed or re	ceived p	icked in ice at a	in avg temp	eceived on ice the day they are above 0 but less than 6 °C on	
Politide Schold by (Cignotics)			1600	Releived by (Signature)	Da IC Da	0.28.7	700 Time						Lab Use Only Received on ice: (Y)/ N								
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	rix: S - Soil, Sd - So					r arrangements are made. Hazardo	1000	2000		-							-	ss, 🕽 - VOA			

envirotech

samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Printed: 10/29/2024 9:50:47AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

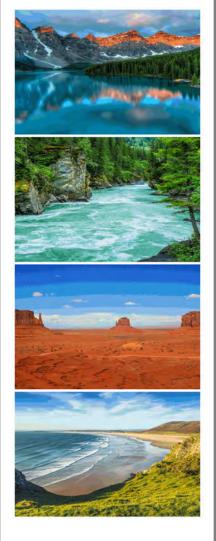
Instructions: Please take note of any NO checkmarks.

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:	10/29/24	07:30		Work Order ID:	E410347
Phone:	(505) 382-1211	Date Logged In:	10/28/24	16:45		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	11/04/24	17:00 (4 day TAT)			
Chain of	Custody (COC)						
1. Does tl	ne sample ID match the COC?		Yes				
2. Does tl	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			Comment	s/Resolution
Sample T	Furn Around Time (TAT)						
	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	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	e received w/i 15	Yes				
	visible ice, record the temperature. Actual sample	temperature: 4°0	<u> </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				
	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	ners collected?	Yes				
Field Lal		,•					
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes				
	eate/Time Collected?		Yes				
	ollectors name?		No				
Sample F	Preservation						
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 laborate	rv?	No				
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	· NΔ		
			1112	Subcontract Luc). 1 17 L		
Chent II	<u>nstruction</u>						

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: Spica 25 Fed 4H

Work Order: E410379

Job Number: 01058-0007

Received: 10/31/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/6/24

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: 11/6/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E410379

Date Received: 10/31/2024 6:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/31/2024 6:30:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H 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,

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS06-0'	5
FS10-0'	6
FS11-0'	7
FS12-0'	8
FS13-0'	9
FS14-0'	10
FS73-0.5'	11
FS75-0.5'	12
FS99-0.5'	13
FS100-0.5'	14
FS101-0.5'	15
FS102-0.5'	16
FS103-0.5'	17
QC Summary Data	18
QC - Volatile Organics by EPA 8021B	18
QC - Nonhalogenated Organics by EPA 8015D - GRO	19
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	20
QC - Anions by EPA 300.0/9056A	21
Definitions and Notes	22
Chain of Custody etc.	23

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported.	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/06/24 10:44	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS06-0'	E410379-01A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS10-0'	E410379-02A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS11-0'	E410379-03A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS12-0'	E410379-04A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS13-0'	E410379-05A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS14-0'	E410379-06A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS73-0.5'	E410379-07A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS75-0.5'	E410379-08A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS99-0.5'	E410379-09A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS100-0.5'	E410379-10A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS101-0.5'	E410379-11A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS102-0.5'	E410379-12A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.
FS103-0.5'	E410379-13A	Soil	10/29/24	10/31/24	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS06-0' E410379-01

		E-110577-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444129
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		91.3 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2444129
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444146
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/04/24	
Surrogate: n-Nonane		110 %	50-200	11/01/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445022
Chloride	35.8	20.0	1	11/04/24	11/04/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS10-0' E410379-02

·	Reporting		·	·	·
Result	Limit	Dilution	n Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2444129
ND	0.0250	1	10/31/24	11/04/24	
ND	0.0250	1	10/31/24	11/04/24	
ND	0.0250	1	10/31/24	11/04/24	
ND	0.0250	1	10/31/24	11/04/24	
ND	0.0500	1	10/31/24	11/04/24	
ND	0.0250	1	10/31/24	11/04/24	
	90.7 %	70-130	10/31/24	11/04/24	
mg/kg	mg/kg	Ana	alyst: SL		Batch: 2444129
ND	20.0	1	10/31/24	11/04/24	
	93.5 %	70-130	10/31/24	11/04/24	
mg/kg	mg/kg	Ana	alyst: NV		Batch: 2444146
ND	25.0	1	11/01/24	11/04/24	
ND	50.0	1	11/01/24	11/04/24	
	111 %	50-200	11/01/24	11/04/24	
mg/kg	mg/kg	Ana	alyst: DT		Batch: 2445022
261	20.0	1	11/04/24	11/04/24	·
	mg/kg ND ND ND ND ND ND ND ND 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 MD 20.0 93.5 % mg/kg MB/kg mg/kg ND 25.0 ND 50.0 III % 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 90.7 % 70-130 mg/kg mg/kg Anal ND 20.0 1 93.5 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 III % 50-200 mg/kg mg/kg Anal	mg/kg mg/kg Analyst: SL ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0500 1 10/31/24 ND 0.0250 1 10/31/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/31/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/01/24 ND 50.0 1 11/01/24 ND 50.0 1 11/01/24 mg/kg mg/kg Analyst: NV	mg/kg mg/kg Analyst: SL ND 0.0250 1 10/31/24 11/04/24 ND 0.0500 1 10/31/24 11/04/24 ND 0.0250 1 10/31/24 11/04/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/31/24 11/04/24 mg/kg mg/kg Analyst: SL 11/04/24 ND 20.0 1 10/31/24 11/04/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/01/24 11/04/24 ND 50.0 1 11/01/24 11/04/24 Mg/kg mg/kg Analyst: DT 11/04/24



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS11-0' E410379-03

		E410377-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2444129
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444129
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444146
Diesel Range Organics (C10-C28)	76.4	25.0	1	11/01/24	11/04/24	
Oil Range Organics (C28-C36)	64.8	50.0	1	11/01/24	11/04/24	
Surrogate: n-Nonane		111 %	50-200	11/01/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445022
Chloride	418	20.0	1	11/04/24	11/04/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS12-0' E410379-04

		E410377-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2444129
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444129
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444146
Diesel Range Organics (C10-C28)	99.0	25.0	1	11/01/24	11/04/24	
Oil Range Organics (C28-C36)	113	50.0	1	11/01/24	11/04/24	
Surrogate: n-Nonane		108 %	50-200	11/01/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445022
Chloride	594	20.0	1	11/04/24	11/04/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS13-0'

E410379-05							
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444129	
Benzene	ND	0.0250	1	10/31/24	11/04/24		
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24		
Toluene	ND	0.0250	1	10/31/24	11/04/24		
o-Xylene	ND	0.0250	1	10/31/24	11/04/24		
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24		
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24		
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	10/31/24	11/04/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444129	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.6 %	70-130	10/31/24	11/04/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444146	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/04/24		
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/04/24		
Surrogate: n-Nonane		113 %	50-200	11/01/24	11/04/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445022	
Chloride	1740	20.0	1	11/04/24	11/04/24		



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS14-0' E410379-06

		E4103/9-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
				•	,	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444129
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444129
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.1 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444146
Diesel Range Organics (C10-C28)	34.9	25.0	1	11/01/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/04/24	
Surrogate: n-Nonane		114 %	50-200	11/01/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445022
Chloride	432	20.0	1	11/04/24	11/04/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS73-0.5' E410379-07

		21100.70.				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2444129
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
oluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
o,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444129
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444146
Diesel Range Organics (C10-C28)	25.9	25.0	1	11/01/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/04/24	
Surrogate: n-Nonane		108 %	50-200	11/01/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445022
Chloride	ND	20.0	1	11/04/24	11/04/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS75-0.5' E410379-08

	E410577 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: SL		Batch: 2444129
ND	0.0250	1	10/31/24	11/04/24	
ND	0.0250	1	10/31/24	11/04/24	
ND	0.0250	1	10/31/24	11/04/24	
ND	0.0250	1	10/31/24	11/04/24	
ND	0.0500	1	10/31/24	11/04/24	
ND	0.0250	1	10/31/24	11/04/24	
	90.1 %	70-130	10/31/24	11/04/24	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2444129
ND	20.0	1	10/31/24	11/04/24	
	92.1 %	70-130	10/31/24	11/04/24	
mg/kg	mg/kg	Analy	yst: NV		Batch: 2444146
ND	25.0	1	11/01/24	11/04/24	
ND	50.0	1	11/01/24	11/04/24	
	113 %	50-200	11/01/24	11/04/24	
mg/kg	mg/kg	Analy	yst: DT		Batch: 2445022
ND	20.0	1	11/04/24	11/04/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Reporting 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 90.1 % mg/kg MD 20.0 92.1 % mg/kg ND 25.0 ND 50.0 113 % 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 MD 0.0250 1 MD 0.0250 1 90.1% 70-130 mg/kg mg/kg Analy ND 20.0 1 Mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 113% 50-200 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg Manalyst: SL ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0250 1 10/31/24 ND 0.0500 1 10/31/24 ND 0.0250 1 10/31/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/31/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/01/24 ND 50.0 1 11/01/24 ND 50.0 1 11/01/24 Mg/kg mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 10/31/24 11/04/24 ND 0.0250 1 10/31/24 11/04/24 ND 0.0250 1 10/31/24 11/04/24 ND 0.0500 1 10/31/24 11/04/24 ND 0.0250 1 10/31/24 11/04/24 ND 0.0250 1 10/31/24 11/04/24 mg/kg mg/kg Analyst: SL ND 20.0 1 10/31/24 11/04/24 mg/kg mg/kg Analyst: SL 11/04/24 MD 25.0 1 10/31/24 11/04/24 ND 25.0 1 11/01/24 11/04/24 ND 50.0 1 11/01/24 11/04/24 MD 50.0 1 11/01/24 11/04/24 Mg/kg mg/kg Ana



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS99-0.5' E410379-09

		E-10377-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2444129
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444129
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2444146
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/04/24	
Surrogate: n-Nonane		112 %	50-200	11/01/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445022
Chloride	ND	20.0	1	11/04/24	11/04/24	
Chloride	ND	20.0	1	11/04/24	11/04/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS100-0.5' E410379-10

		E4103/9-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
				yst: SL	<u> </u>	Batch: 2444129
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Allai			Batch: 2444129
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444129
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444146
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/04/24	
Surrogate: n-Nonane		109 %	50-200	11/01/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445022
Chloride	ND	20.0	1	11/04/24	11/04/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS101-0.5' E410379-11

		E+10577 11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2444129
Benzene	ND	0.0250	1	10/31/24	11/04/24	
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24	
Toluene	ND	0.0250	1	10/31/24	11/04/24	
o-Xylene	ND	0.0250	1	10/31/24	11/04/24	
o,m-Xylene	ND	0.0500	1	10/31/24	11/04/24	
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2444129
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	10/31/24	11/04/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2444146
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/04/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/04/24	
Surrogate: n-Nonane		104 %	50-200	11/01/24	11/04/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: DT		Batch: 2445022
Chloride	ND	20.0	1	11/04/24	11/04/24	
Silloriuc	ND	20.0				



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS102-0.5'

		E410379-12					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2444129	
Benzene	ND	0.0250	1	10/31/24	11/04/24		
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24		
Toluene	ND	0.0250	1	10/31/24	11/04/24		
o-Xylene	ND	0.0250	1	10/31/24	11/04/24		
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24		
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24		
Surrogate: 4-Bromochlorobenzene-PID		91.1 %	70-130	10/31/24	11/04/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2444129	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.2 %	70-130	10/31/24	11/04/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2444146	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/04/24		
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/04/24		
Surrogate: n-Nonane		110 %	50-200	11/01/24	11/04/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2445022	
Chloride	ND	20.0	1	11/04/24	11/04/24		



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

FS103-0.5'

E410379-13													
		Reporting											
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes							
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444129							
Benzene	ND	0.0250	1	10/31/24	11/04/24								
Ethylbenzene	ND	0.0250	1	10/31/24	11/04/24								
Toluene	ND	0.0250	1	10/31/24	11/04/24								
o-Xylene	ND	0.0250	1	10/31/24	11/04/24								
p,m-Xylene	ND	0.0500	1	10/31/24	11/04/24								
Total Xylenes	ND	0.0250	1	10/31/24	11/04/24								
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	10/31/24	11/04/24								
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444129							
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/31/24	11/04/24								
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	10/31/24	11/04/24								
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444146							
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/04/24								
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/04/24								
Surrogate: n-Nonane		119 %	50-200	11/01/24	11/04/24								
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445022							
Chloride	ND	20.0	1	11/04/24	11/04/24								



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

		<u>*</u>	
Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

Artesia NM, 88210		Project Manager: Ashley Giovengo Volatile Organics by EPA 8021B						11	/6/2024 10:44:08AM
									Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444129-BLK1)]	Prepared: 1	0/31/24 Ana	lyzed: 11/04/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.06		8.00		88.2	70-130			
LCS (2444129-BS1)]	Prepared: 10	0/31/24 Ana	lyzed: 11/04/24
Benzene	5.08	0.0250	5.00		102	70-130			
Ethylbenzene	5.04	0.0250	5.00		101	70-130			
Foluene	5.11	0.0250	5.00		102	70-130			
o-Xylene	5.03	0.0250	5.00		101	70-130			
p,m-Xylene	10.2	0.0500	10.0		102	70-130			
Total Xylenes	15.3	0.0250	15.0		102	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		89.0	70-130			
LCS Dup (2444129-BSD1)						1	Prepared: 10	0/31/24 Ana	lyzed: 11/04/24
Benzene	4.93	0.0250	5.00		98.5	70-130	3.01	20	
Ethylbenzene	4.91	0.0250	5.00		98.2	70-130	2.63	20	
Toluene	4.96	0.0250	5.00		99.2	70-130	2.98	20	
o-Xylene	4.91	0.0250	5.00		98.2	70-130	2.48	20	
p,m-Xylene	9.98	0.0500	10.0		99.8	70-130	2.62	20	
Total Xylenes	14.9	0.0250	15.0		99.2	70-130	2.57	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:44:08AM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	90			1	1/6/2024 10:44:08AM
	Non	Analyst: SL							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444129-BLK1)							Prepared: 1	0/31/24 An	alyzed: 11/04/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.42		8.00		92.7	70-130			
LCS (2444129-BS2)							Prepared: 1	0/31/24 An	alyzed: 11/04/24
Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.3	70-130			
LCS Dup (2444129-BSD2)							Prepared: 1	0/31/24 An	alyzed: 11/04/24
Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.3	70-130	4.23	20	

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy Artesia NM, 88210	Project Number: Project Manager:	01058-0007 Ashley Giovengo	11/6/2024 10:44:08AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			11	/6/2024 10:44:08AM	
	Nonha	Nonhalogenated Organics by EPA 8015D - DRO/ORO								
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2444146-BLK1)							Prepared: 1	1/01/24 Ana	lyzed: 11/04/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	58.8		50.0		118	50-200				
LCS (2444146-BS1)							Prepared: 1	1/01/24 Ana	lyzed: 11/04/24	
Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132				
Surrogate: n-Nonane	57.1		50.0		114	50-200				
LCS Dup (2444146-BSD1)							Prepared: 1	1/01/24 Ana	lyzed: 11/04/24	
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132	2.53	20		
Surrogate: n-Nonane	55.7		50.0		111	50-200				

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Number: Project Manager	: 0	pica 25 Fed 4F 1058-0007 .shley Gioveng				Reported: 1/6/2024 10:44:08AM		
		Analyst: DT							
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2445022-BLK1)							Prepared: 1	1/04/24 An	alyzed: 11/04/24
Chloride	ND	20.0							
LCS (2445022-BS1)							Prepared: 1	1/04/24 An	alyzed: 11/04/24
Chloride	255	20.0	250		102	90-110			
LCS Dup (2445022-BSD1)							Prepared: 1	1/04/24 An	alyzed: 11/04/24
Chloride	256	20.0	250		103	90-110	0.671	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:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/06/24 10:44

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 1/14/2025 8:28:23 AM

	Clie	nt Inform	ation	-	T	Invoice Information						La	b Us	e On	ly	-			T/	AT.				State	
Client: D					 `	Con	pany: Devon Energy		 	Lab \	MO#			Job	Num	ber	一	1D	2D	3D	Std	N	м со	UT	TX
	Spica 25 Fed	4H			-	1	lress: 5315 Buena Vista Dr		— i	Ë4	iŲ.	270		Olo			7			-	X	X			***
	Manager: As		engo				, State, Zip: Carlsbad NM, 8822	20		<u> </u>	10.		•	<u> </u>						•		I			
	3122 Natio					1	ne: (575)689-7597		- ∣	Γ				Ana	lysis	and	Met	hod					EPA P	rogra	m
	e, Zip: Carls			-			iil: jim.raley@dvn.com			- 1	1											SDW	4 C1	NΑ	RCRA
	575-988-005					_	ellaneous: Jim Raley																		
	giovengo@e		om				·				νį	S					l				ll	Compl	ance	Υ	or N
											8015	, 801	1	_ '	0.	_	×	sle				PWSIE	#		
				Sam	ple Infor	matio	n				S P	(d 0)	802	8260	300	Š	1.50	Met							
Time Sampled	Date Sampled	Matrix	No. of Containers			S	Sample ID	Field	Lal Num		DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Ren	narks	
1404	10/29/23	5	1		FS	ر ان د	S-0'									X									
14 11					F	510	- O'		2							1									
1409					FS	511	- O'		3	,															
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0908					F.	573	-0' c# 3-6 0.5'		7	'						\perp									
0910					F	57	5-0-0,5'		8	,															
0938					F	599	1-0.5'		9																
0931							0-0,5		IC													_			
			ase CC: o	:burton@e	ensolum.	.com, a	agiovengo@ensolum.com, jim.	raley	/@dvr	n.coi	m, ie	stre	la@	enso	lum.	com,	cha	nilto	on@	enso	lum.c	om,			
bsimmo	ns@ensolun	n.com	l				and the state of t	ah.e			desc	el		llac*! -	n ie ee	old-	-d (م د اه		0.000	nde fo	legal a-	ion.		
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	37. (Signatu			150/24	1115	V	received by atsignature) Victorial Consules	10	.30.7	14	l	115	,						packed	in Ice	at an av	g temp ab	ove 0 but l	ess than	6°C on
	led by: disignated the first C		₿ Dat		Time		Received by: (Signature)	Date 10	30.0	દપ	Time						eived		ice:		ab Us	e Only	'		
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	trix: S - Soil, Sd - S								tainer																
							errangements are made. Hazardous sa										e clier	it exp	ense.	. The r	eport	for the	analysis	of the	above

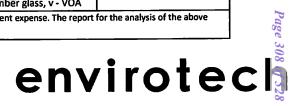


envirotec

Released to Imaging: 1/14/2025 8:28:23 AM

	Clie	nt Inform	nation			Invoice Information			Lab Use Only									T/	١T		State			
lient: D	evon					mpany: Devon Energy				NO#			Job I				1D	2D	3D	Std	NN	co u	ТΧ	
	Spica 25 Fed	4H			_ , , _	dress: 5315 Buena Vista Dr					379	٦	010	<u> </u>	\overline{x}	7			$\overline{}$	X	Х			
	lanager: Asl		engo		Cit	y, State, Zip: Carlsbad NM, 8	8220	r																
	3122 Natio				Pho	ne: (575)689-7597							Ana	lysis	and	Met	hod					PA Prog		
City, Stat	e, Zip: Carls	bad NM,	88220	1	Em	ail: jim.raley@dvn.com			- [SDWA	CWA	RCI	RA
	75-988-005					cellaneous: Jim Raley	``													.				
mail: a	iovengo@e	nsolum.c	om_						- 1	ည္	2							ľ			Complia		or	N
							ì			8	80	-		0.0	_	×	als				PWSID #			
				Samp	ole Informatio	on				စ္စ	§ 8	, 802	826	9 8	ž	05-1	Met							
Time Sampled	Date Sampled	Matrix	No. o			Sample ID	Field	Lat Numi	b ber	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remar	ks 	
0433	10/29/24	S	1		F5	5101-0.5'		11							X									
3940	10/29/24	5	1			5102-0.5'		12	—∔						X									
0918	10/29/24	5	١		F	5103-0.51	\perp	13	3						X									
								<u> </u>																
							1																	
			ase CC	: cburton@e	nsolum.com,	agiovengo@ensolum.com, j	im.rale	y@dvr	n.cor	m, ie	strel	la@	enso	lum.	com	cha	milto	on@	ensol	um.	com,			
OSIMMO!	ns@ensolun	n.com	d author	ticity of this same	le. I am aware tha	t tampering with or intentionally mislab	eling the s	mple loc	cation	, date	or time	e of co	llectio	n is co	nsider	ed frau	ıd and	may b	e grou	nds for	legal actio	n.		
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	ed by: (Signatu			Date	Time	Received by: (Signature) 3	Date			Time			Ι	_							ust be receiv			
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Reliferatish	Ad by@Signam	Signature) A Date Time Reggiyed by:					Date			Time	<u>, </u>		1		subse	avent d	avs		La	ab U	se Only			_
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Sample Mat	rix: S - Soil, Sd - S	iolid, Sg - Slu	idge, A -	Aqueous, O - Othe	er			ntainer														.1 .1		
Note: Sam samples is	ples are discard	arrangements are made. Hazardou this COC. The liability of the labora	s sample: tory is lin	s will be nited to	retu the a	rned : moui	to clie nt paid	ent or d for a	dispo on the	sed o	r at th rt.	e clie	nt exp	ense.	The r	eport	tor the ar	alysis of t	ne above	3				





envirotech Inc.

Printed: 10/31/2024 7:37:45AM

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.

Place Loggod in Bys. Now Solutions on Solution (1980) 281-211 (198	Client:	Devon Energy - Carlsbad	Date Received:	10/31/24	06:30		Work Order ID:	E410379
Email signorquotemnotemnotemnotemnotemnotemnotemnotemn	Phone:	(505) 382-1211	Date Logged In:	10/30/24	14:27		Logged In By:	Noe Soto
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28. Are samples required to get sent to a subcontract laboratory? No 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA	Subcontr	act Laboratory						
	28. Are sa	amples required to get sent to a subcontract laborator	ry?	No				
Client Instruction	29. Was a	subcontract laboratory specified by the client and if	so who?	NA	Subcontract Lab	: NA		
	Client Ir	nstruction_						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Spica 25 Fed 4H

Work Order: E410388

Job Number: 01058-0007

Received: 11/1/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/6/24

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: 11/6/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E410388

Date Received: 11/1/2024 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/1/2024 7:00:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H 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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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH07-0'	5
BH07-2'	6
BH07-3'	7
BH07-4	8
SW03-0-4'	9
QC Summary Data	10
QC - Volatile Organics by EPA 8021B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/06/24 10:46

Client Sample ID	Lab Sample ID Matrix	Sampled Receive	d Container
BH07-0'	E410388-01A Soil	10/30/24 11/01/24	Glass Jar, 2 oz.
BH07-2'	E410388-02A Soil	10/30/24 11/01/24	Glass Jar, 2 oz.
BH07-3'	E410388-03A Soil	10/30/24 11/01/24	Glass Jar, 2 oz.
BH07-4	E410388-04A Soil	10/30/24 11/01/24	Glass Jar, 2 oz.
SW03-0-4'	E410388-05A Soil	10/30/24 11/01/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:46:37AM

BH07-0' E410388-01

	E410388-01				
	1 0				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	st: SL		Batch: 2444143
ND	0.0250	1	11/01/24	11/03/24	
0.0503	0.0250	1	11/01/24	11/03/24	
ND	0.0250	1	11/01/24	11/03/24	
0.0788	0.0250	1	11/01/24	11/03/24	
0.0751	0.0500	1	11/01/24	11/03/24	
0.154	0.0250	1	11/01/24	11/03/24	
	95.7 %	70-130	11/01/24	11/03/24	
mg/kg	mg/kg	Analyst: SL			Batch: 2444143
ND	20.0	1	11/01/24	11/03/24	
	91.8 %	70-130	11/01/24	11/03/24	
mg/kg	mg/kg	Analyst: NV			Batch: 2444146
14100	250	10	11/01/24	11/04/24	
5670	500	10	11/01/24	11/04/24	
	101 %	50-200	11/01/24	11/04/24	
mg/kg	mg/kg	Analy	st: DT		Batch: 2445022
87.7	20.0	1	11/04/24	11/04/24	
	ND 0.0503 ND 0.0788 0.0751 0.154 mg/kg ND mg/kg 14100 5670	Result Reporting Limit mg/kg mg/kg ND 0.0250 0.0503 0.0250 ND 0.0250 0.0788 0.0250 0.0751 0.0500 0.154 0.0250 95.7 % mg/kg MD 20.0 91.8 % mg/kg 14100 250 5670 500 101 % mg/kg mg/kg mg/kg	Reporting Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 0.0503 0.0250 1 ND 0.0250 1 0.0788 0.0250 1 0.0751 0.0500 1 0.154 0.0250 1 95.7 % 70-130 mg/kg mg/kg Analy ND 20.0 1 91.8 % 70-130 mg/kg mg/kg Analy 14100 250 10 5670 500 10 mg/kg mg/kg Analy	Reporting Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 11/01/24 0.0503 0.0250 1 11/01/24 ND 0.0250 1 11/01/24 0.0788 0.0250 1 11/01/24 0.0751 0.0500 1 11/01/24 0.154 0.0250 1 11/01/24 mg/kg mg/kg Analyst: SL ND 20.0 1 11/01/24 mg/kg mg/kg Analyst: NV 14100 250 10 11/01/24 5670 500 10 11/01/24 mg/kg mg/kg Analyst: DT	Reporting Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 11/01/24 11/03/24 0.0503 0.0250 1 11/01/24 11/03/24 ND 0.0250 1 11/01/24 11/03/24 0.0788 0.0250 1 11/01/24 11/03/24 0.0751 0.0500 1 11/01/24 11/03/24 0.154 0.0250 1 11/01/24 11/03/24 95.7% 70-130 11/01/24 11/03/24 mg/kg mg/kg Analyst: SL ND 20.0 1 11/01/24 11/03/24 mg/kg mg/kg Analyst: NV 14100 250 10 11/01/24 11/04/24 5670 500 10 11/01/24 11/04/24 mg/kg mg/kg Analyst: DT 11/04/24

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:46:37AM

BH07-2'

E410388-02

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2444143
ND	0.0250	1	11/01/24	11/03/24	
0.0840	0.0250	1	11/01/24	11/03/24	
0.0339	0.0250	1	11/01/24	11/03/24	
ND	0.0250	1	11/01/24	11/03/24	
ND	0.0500	1	11/01/24	11/03/24	
ND	0.0250	1	11/01/24	11/03/24	
	83.2 %	70-130	11/01/24	11/03/24	
mg/kg	mg/kg	Analyst: SL			Batch: 2444143
27.0	20.0	1	11/01/24	11/03/24	
	92.3 %	70-130	11/01/24	11/03/24	
mg/kg	mg/kg	Anal	Analyst: NV		Batch: 2444146
44.7	25.0	1	11/01/24	11/05/24	
ND	50.0	1	11/01/24	11/05/24	
	113 %	50-200	11/01/24	11/05/24	
mg/kg	mg/kg	Analy	yst: DT		Batch: 2445022
	mg/kg ND 0.0840 0.0339 ND ND ND Mg/kg 27.0 mg/kg 44.7 ND	Result Limit mg/kg mg/kg ND 0.0250 0.0840 0.0250 0.0339 0.0250 ND 0.0500 ND 0.0250 83.2 % mg/kg mg/kg mg/kg 27.0 20.0 92.3 % mg/kg mg/kg mg/kg 44.7 25.0 ND 50.0 113 %	Result Limit Dilution mg/kg mg/kg Analy ND 0.0250 1 0.0840 0.0250 1 0.0339 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 83.2 % 70-130 mg/kg mg/kg Analy 27.0 20.0 1 92.3 % 70-130 mg/kg mg/kg mg/kg Analy 44.7 25.0 1 ND 50.0 1 113 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 11/01/24 0.0840 0.0250 1 11/01/24 0.0339 0.0250 1 11/01/24 ND 0.0250 1 11/01/24 ND 0.0500 1 11/01/24 ND 0.0250 1 11/01/24 83.2 % 70-130 11/01/24 mg/kg mg/kg Analyst: SL 27.0 20.0 1 11/01/24 mg/kg mg/kg Analyst: NV 44.7 25.0 1 11/01/24 ND 50.0 1 11/01/24 113 % 50-200 11/01/24	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 11/01/24 11/03/24 0.0840 0.0250 1 11/01/24 11/03/24 0.0339 0.0250 1 11/01/24 11/03/24 ND 0.0250 1 11/01/24 11/03/24 ND 0.0500 1 11/01/24 11/03/24 ND 0.0250 1 11/01/24 11/03/24 83.2 % 70-130 11/01/24 11/03/24 mg/kg mg/kg Analyst: SL 27.0 20.0 1 11/01/24 11/03/24 mg/kg mg/kg Analyst: NV 44.7 25.0 1 11/01/24 11/05/24 ND 50.0 1 11/01/24 11/05/24 ND 50.0 1 11/01/24 11/05/24

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:46:37AM

BH07-3'

E410388-03

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2444143
Benzene	ND	0.0250	1	11/01/24	11/03/24	
Ethylbenzene	0.0398	0.0250	1	11/01/24	11/03/24	
Toluene	ND	0.0250	1	11/01/24	11/03/24	
o-Xylene	ND	0.0250	1	11/01/24	11/03/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/03/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID		88.2 %	70-130	11/01/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2444143
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	11/01/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2444146
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/05/24	
Surrogate: n-Nonane		113 %	50-200	11/01/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2445022
Chloride	152	20.0	1	11/04/24	11/04/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:46:37AM

BH07-4

		E410388-04				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2444143
Benzene	ND	0.0250	1	11/01/24	11/03/24	
Ethylbenzene	0.0516	0.0250	1	11/01/24	11/03/24	
Toluene	ND	0.0250	1	11/01/24	11/03/24	
o-Xylene	ND	0.0250	1	11/01/24	11/03/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/03/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID		86.2 %	70-130	11/01/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2444143
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	11/01/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2444146
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/05/24	
Surrogate: n-Nonane		118 %	50-200	11/01/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2445022
Chloride	332	20.0	1	11/04/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:46:37AM

SW03-0-4'

		E410388-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444143
Benzene	ND	0.0250	1	11/01/24	11/03/24	
Ethylbenzene	ND	0.0250	1	11/01/24	11/03/24	
Toluene	ND	0.0250	1	11/01/24	11/03/24	
o-Xylene	ND	0.0250	1	11/01/24	11/03/24	
p,m-Xylene	ND	0.0500	1	11/01/24	11/03/24	
Total Xylenes	ND	0.0250	1	11/01/24	11/03/24	
Surrogate: 4-Bromochlorobenzene-PID		90.8 %	70-130	11/01/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2444143
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/01/24	11/03/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	11/01/24	11/03/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2444146
Diesel Range Organics (C10-C28)	ND	25.0	1	11/01/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/01/24	11/05/24	
Surrogate: n-Nonane		112 %	50-200	11/01/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445022
Chloride	ND	20.0	1	11/04/24	11/05/24	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

		<u> </u>	
Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:46:37AM

Artesia NM, 88210		Project Manager	: As	shley Gioveng	go			11.	/6/2024 10:46:37AN
		Volatile C	rganics b	y EPA 802	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444143-BLK1)							Prepared: 1	1/01/24 Ana	lyzed: 11/01/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.05		8.00		88.1	70-130			
LCS (2444143-BS1)							Prepared: 1	1/01/24 Ana	lyzed: 11/01/24
Benzene	5.25	0.0250	5.00		105	70-130			
Ethylbenzene	5.13	0.0250	5.00		103	70-130			
Toluene	5.22	0.0250	5.00		104	70-130			
o-Xylene	5.12	0.0250	5.00		102	70-130			
p,m-Xylene	10.4	0.0500	10.0		104	70-130			
Total Xylenes	15.5	0.0250	15.0		104	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.12		8.00		89.0	70-130			
LCS Dup (2444143-BSD1)							Prepared: 1	1/01/24 Ana	lyzed: 11/01/24
Benzene	5.26	0.0250	5.00		105	70-130	0.147	20	
Ethylbenzene	5.15	0.0250	5.00		103	70-130	0.410	20	
Toluene	5.24	0.0250	5.00		105	70-130	0.281	20	
o-Xylene	5.14	0.0250	5.00		103	70-130	0.298	20	
p,m-Xylene	10.5	0.0500	10.0		105	70-130	0.367	20	
Total Xylenes	15.6	0.0250	15.0		104	70-130	0.345	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:46:37AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			11/6	/2024 10:46:37A
	Non	halogenated	Organics l	by EPA 80	15D - G	RO		ı	Analyst: SL
Analyte	Result mg/kg	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD %	RPD Limit %	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	70	70	70	70	Notes
Blank (2444143-BLK1)							Prepared: 1	1/01/24 Analy	zed: 11/01/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.05		8.00		88.2	70-130			
LCS (2444143-BS2)							Prepared: 1	1/01/24 Analy	zed: 11/01/24
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0		84.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.4	70-130			
LCS Dup (2444143-BSD2)							Prepared: 1	1/01/24 Analy	zed: 11/01/24
Gasoline Range Organics (C6-C10)	41.8	20.0	50.0		83.6	70-130	0.641	20	

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/6/2024 10:46:37AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			11	/6/2024 10:46:37AM
	Nonha			Analyst: NV					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2444146-BLK1)							Prepared: 1	1/01/24 Ana	lyzed: 11/04/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.8		50.0		118	50-200			
LCS (2444146-BS1)							Prepared: 1	1/01/24 Ana	lyzed: 11/04/24
Diesel Range Organics (C10-C28)	279	25.0	250		112	38-132			
Surrogate: n-Nonane	57.1		50.0		114	50-200			
LCS Dup (2444146-BSD1)							Prepared: 1	1/01/24 Ana	lyzed: 11/04/24
Diesel Range Organics (C10-C28)	272	25.0	250		109	38-132	2.53	20	-
Surrogate: n-Nonane	55.7		50.0		111	50-200			

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Number: 01058-0007 Project Manager: Ashley Giovengo						1	Reported: 11/6/2024 10:46:37AM			
		Anions		Analyst: DT								
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes			
Blank (2445022-BLK1)							Prepared: 1	1/04/24 Ana	alyzed: 11/04/24			
Chloride	ND	20.0										
LCS (2445022-BS1)							Prepared: 1	1/04/24 Ana	alyzed: 11/04/24			
Chloride	255	20.0	250		102	90-110						
LCS Dup (2445022-BSD1)							Prepared: 1	1/04/24 An	alyzed: 11/04/24			
Chloride	256	20.0	250		103	90-110	0.671	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:	Spica 25 Fed 4H	
-	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
	Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/06/24 10:46

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 1/14/2025 8:28:23 AM

	Clie	nt Inform	nation		Invoice Information Lab Use Only									TAT State					te			
Client: D	evon				T Co	mpany: Devon Energy			_ Lab \	WO#			Job I			_	1D	2D	3D	Std	NM CO U	ТТХ
	Spica 25 Fed	4H				dress: 5315 Buena Vista Dr	(_ E4	110	387	<u>r</u>	0(0:	5 V ·	000	7				X	X	
	lanager: As		engo		Ci	ty, State, Zip: Carlsbad NM,	882 <u>20</u>			٦ :												
Address:	3122 Natio	nal Parks	Hwv			one: (575)689-7597			<u> </u>				Ana	lysis	and	Met	hod				EPA Prog	ram
City. Stat	e, Zip: Carls	bad NM.	88220		En	nail: jim.raley@dvn.com	i														SDWA CWA	RCRA
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envirotech Inc.

Printed: 11/1/2024 8:47:08AM

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:	11/01/24 0	7:00	Work Order ID:	E410388
Phone:	(505) 382-1211	Date Logged In:	10/31/24 1	4:57	Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	11/07/24 1	7:00 (4 day TAT)		
Chain of	Custody (COC)					
	e sample ID match the COC?		Yes			
	e number of samples per sampling site location man	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were al	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 disucssion.	•	Yes		<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	<u>Cooler</u>					
	ample cooler received?		Yes			
8. If yes, v	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		•				
	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			
Field Lab	el					
20. Were :	— field sample labels filled out with the minimum info	ormation:				
Sa	ample ID?		Yes			
	ate/Time Collected?		Yes			
	ollectors name?		Yes			
	reservation		NT.			
	the COC or field labels indicate the samples were pr	reserved?	No			
	umple(s) correctly preserved? filteration required and/or requested for dissolved n	aatala?	NA No			
	•	ictais:	No			
	se Sample Matrix	0				
	the sample have more than one phase, i.e., multipha		No			
27. If yes,	does the COC specify which phase(s) is to be analy	yzed?	NA			
Subcontr	act Laboratory					
	imples required to get sent to a subcontract laborato	-	No			
29. Was a	subcontract laboratory specified by the client and in	f so who?	NA	Subcontract Lab: NA		
Client In	struction					

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: Spica 25 Fed 4H

Work Order: E411021

Job Number: 01058-0007

Received: 11/4/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/12/24

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: 11/12/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E411021

Date Received: 11/4/2024 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/4/2024 7:30:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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whinchman@envirotech-inc.com

Raina Schwanz

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Client Representative

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Cell: 505-947-8222

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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SW05 @ 0-4'	5
SW06 @ 0-4'	6
SW07 @ 0-4'	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Donoutodi
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/24 11:10

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SW05 @ 0-4'	E411021-01A Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
SW06 @ 0-4'	E411021-02A Soil	10/31/24	11/04/24	Glass Jar, 2 oz.
SW07 @ 0-4'	E411021-03A Soil	10/31/24	11/04/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 11:10:41AM

SW05 @ 0-4' E411021-01

	2111021 01				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analys	st: BA		Batch: 2445011
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
ND	0.0500	1	11/04/24	11/05/24	
ND	0.0250	1	11/04/24	11/05/24	
	99.5 %	70-130	11/04/24	11/05/24	
mg/kg	mg/kg	Analyst: BA			Batch: 2445011
ND	20.0	1	11/04/24	11/05/24	
	87.9 %	70-130	11/04/24	11/05/24	
mg/kg	mg/kg	Analys	st: NV		Batch: 2445010
ND	25.0	1	11/04/24	11/05/24	
ND	50.0	1	11/04/24	11/05/24	
	97.6 %	50-200	11/04/24	11/05/24	
mg/kg	mg/kg	Analys	st: DT		Batch: 2445029
83.4				11/05/24	
	mg/kg ND ND ND ND ND ND ND ND ND ND Mg/kg ND mg/kg	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 MD 20.0250 87.9 % mg/kg Mg/kg mg/kg ND 25.0 ND 50.0 97.6 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analys ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 mg/kg mg/kg Analys nD 20.0 1 87.9 % 70-130 70-130 mg/kg mg/kg Analys ND 25.0 1 ND 50.0 1 97.6 % 50-200 mg/kg mg/kg Analys	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0500 1 11/04/24 ND 0.0250 1 11/04/24 ND 0.0250 1 11/04/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/04/24 87.9 % 70-130 11/04/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/04/24 ND 50.0 1 11/04/24 ND 50.0 1 11/04/24 Mg/kg mg/kg Analyst: NV	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 11/04/24 11/05/24 ND 0.0500 1 11/04/24 11/05/24 ND 0.0250 1 11/04/24 11/05/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/04/24 11/05/24 mg/kg mg/kg Analyst: BA ND 20.0 1 11/04/24 11/05/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/04/24 11/05/24 ND 50.0 1 11/04/24 11/05/24 ND 50.0 1 11/04/24 11/05/24 mg/kg mg/kg

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 11:10:41AM

SW06 @ 0-4'

		E411021-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2445011
Benzene	ND	0.0250	1	11/04/24	11/05/24	
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24	
Toluene	ND	0.0250	1	11/04/24	11/05/24	
o-Xylene	ND	0.0250	1	11/04/24	11/05/24	
o,m-Xylene	ND	0.0500	1	11/04/24	11/05/24	
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: BA		Batch: 2445011
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		87.0 %	70-130	11/04/24	11/05/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2445010
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24	
Surrogate: n-Nonane		101 %	50-200	11/04/24	11/05/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2445029
Chloride	44.2	20.0	1	11/04/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 11:10:41AM

SW07 @ 0-4'

E411021-03							
		Reporting					
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2445011	
Benzene	ND	0.0250	1	11/04/24	11/05/24		
Ethylbenzene	ND	0.0250	1	11/04/24	11/05/24		
Гoluene	ND	0.0250	1	11/04/24	11/05/24		
o-Xylene	ND	0.0250	1	11/04/24	11/05/24		
o,m-Xylene	ND	0.0500	1	11/04/24	11/05/24		
Total Xylenes	ND	0.0250	1	11/04/24	11/05/24		
Surrogate: 4-Bromochlorobenzene-PID		98.9 %	70-130	11/04/24	11/05/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2445011	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/04/24	11/05/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		88.0 %	70-130	11/04/24	11/05/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2445010	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/04/24	11/05/24		
Oil Range Organics (C28-C36)	ND	50.0	1	11/04/24	11/05/24		
Surrogate: n-Nonane		96.3 %	50-200	11/04/24	11/05/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2445029	
Chloride	24.0	20.0	1	11/04/24	11/05/24		



Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Toporteal
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 11:10:41AM

Artesia NM, 88210		Project Number: Project Manager:		shley Giovengo)			1	1/12/2024 11:10:41AM	
Volatile Organics by EPA 8021B Analyst: BA										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2445011-BLK1)							Prepared: 1	1/04/24 Aı	nalyzed: 11/05/24	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	7.94		8.00		99.3	70-130				
LCS (2445011-BS1)							Prepared: 1	1/04/24 Aı	nalyzed: 11/05/24	
Benzene	5.27	0.0250	5.00		105	70-130				
Ethylbenzene	5.29	0.0250	5.00		106	70-130				
Toluene	5.34	0.0250	5.00		107	70-130				
o-Xylene	5.31	0.0250	5.00		106	70-130				
p,m-Xylene	10.8	0.0500	10.0		108	70-130				
Total Xylenes	16.1	0.0250	15.0		107	70-130				
Surrogate: 4-Bromochlorobenzene-PID	8.09		8.00		101	70-130				
LCS Dup (2445011-BSD1)							Prepared: 1	1/04/24 Aı	nalyzed: 11/05/24	
Benzene	4.65	0.0250	5.00		93.0	70-130	12.5	20		
Ethylbenzene	4.67	0.0250	5.00		93.4	70-130	12.3	20		
Toluene	4.71	0.0250	5.00		94.3	70-130	12.5	20		
o-Xylene	4.72	0.0250	5.00		94.4	70-130	11.8	20		
p,m-Xylene	9.53	0.0500	10.0		95.3	70-130	12.3	20		
Total Xylenes	14.2	0.0250	15.0		95.0	70-130	12.1	20		



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 11:10:41AM

Artesia NM, 88210		Project Manager		shley Gioveng	go			11/1	2/2024 11:10:41AN
		Analyst: BA							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2445011-BLK1)							Prepared: 1	1/04/24 Analy	zed: 11/05/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.2	70-130			
LCS (2445011-BS2)							Prepared: 1	1/04/24 Analy	zed: 11/05/24
Gasoline Range Organics (C6-C10)	41.2	20.0	50.0		82.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			
LCS Dup (2445011-BSD2)							Prepared: 1	1/04/24 Analy	zed: 11/05/24
Gasoline Range Organics (C6-C10)	42.7	20.0	50.0		85.5	70-130	3.67	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.16		8.00		89.5	70-130			

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	·
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 11:10:41AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			11	/12/2024 11:10:41AM
	Nonha	logenated Or	ganics by l	EPA 8015I) - DRO	/ORO			Analyst: KH
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2445010-BLK1)							Prepared: 1	1/04/24 An	alyzed: 11/05/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.5		50.0		96.9	50-200			
LCS (2445010-BS1)							Prepared: 1	1/04/24 An	alyzed: 11/05/24
Diesel Range Organics (C10-C28)	259	25.0	250		104	38-132			
Surrogate: n-Nonane	53.1		50.0		106	50-200			
LCS Dup (2445010-BSD1)							Prepared: 1	1/04/24 An	alyzed: 11/05/24
Diesel Range Organics (C10-C28)	266	25.0	250		107	38-132	2.72	20	
Surrogate: n-Nonane	53.2		50.0		106	50-200			

Chloride

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number: Project Manager	: 0	Spica 25 Fed 4F 1058-0007 Ashley Giovens				1:	Reported: 1/12/2024 11:10:41AM
,		Anions		300.0/9056					Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2445029-BLK1)							Prepared: 1	1/04/24 An	alyzed: 11/05/24
Chloride	ND	20.0							
LCS (2445029-BS1)							Prepared: 1	1/04/24 An	alyzed: 11/05/24
Chloride	253	20.0	250		101	90-110			
LCS Dup (2445029-BSD1)							Prepared: 1	1/04/24 An	alyzed: 11/05/24

250

20.0

102

90-110

0.688

255

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:	Spica 25 Fed 4H	
-	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
-	Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/24 11:10

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	Clie	nt Inform	ation _		11	Invoice Inf	ormation					La	b Us	e On	v				T/	AT			State	
Client: D					┪╏	Company: Devon End			l a	lah WO# Job Number				\neg	1D 2D 3D Std				NM	CO UT	тх Г			
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	3122 Nation					Phone: (575)689-7597			_	Г				Ana	lvsis	and	Met	hod	-			EP	A Progra	m
	e, Zip: Carlsk					Email: jim.raley@dvn.			_	r	1				1							SDWA	CWA	RCRA
	75-988-0055				—	Miscellaneous: Jim Rale			_		-	- 1									lt			
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Field Filter	Lab Numbe	er	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
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bsimmo	ns@ensolum	.com	authenticity	of this sample	l am awar	that tampering with or intention	nally mislaheling th	e sam	nle locatio	on d	ate o	time	of coll	ection i	s cons	idered	fraud	and m	av he	ground	s for le	gal action		
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						ner arrangements are made. I	Hazardous sampl															ne analysis o	f the above	samples is
						The liability of the laborate																		

Printed: 11/4/2024 11:04:15AM

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:	11/04/24 0	7:30		Work Order ID:	E411021
Phone:	(505) 382-1211	Date Logged In:	11/04/24 0	8:54		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	11/12/24 1	7:00 (6 day TAT)			
1. Does th 2. Does th 3. Were sa 4. Was the	Custody (COC) the sample ID match the COC? the number of samples per sampling site location may the amples dropped off by client or carrier? the COC complete, i.e., signatures, dates/times, reque the samples received within holding time? Note: Analysis, such as pH which should be conducted it	sted analyses?	Yes Yes Yes Yes	Carrier: <u>C</u>	<u>Courier</u>		
Sample T	i.e, 15 minute hold time, are not included in this disucssi urn Around Time (TAT)	•		ſ		Comment	s/Resolution
	COC indicate standard TAT, or Expedited TAT?		Yes				
			105				
Sample C	cample 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				
	were custody/security seals intact?		NA				
12. Was the	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	re received w/i 15	Yes				
	risible ice, record the temperature. Actual sample	temperature: 4°0	<u>C</u>				
Sample C			N.T.				
	queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA NA				
	head space less than 6-8 mm (pea sized or less)?						
	trip blank (TB) included for VOC analyses?	ก	NA				
	on-VOC samples collected in the correct containers		Yes				
	appropriate volume/weight or number of sample contai	ners conected?	Yes				
	field sample labels filled out with the minimum info ample ID?	ormation:	Yes				
	ate/Time Collected?		Yes				
	ollectors name?		No				
	reservation the COC or field labels indicate the samples were p	reserved?	No				
	imple(s) correctly preserved?	reserved:	NA				
	filteration required and/or requested for dissolved r	netals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha	ise?	No				
	does the COC specify which phase(s) is to be analy		NA				
		,	1421				
	act Laboratory	0	NI.				
	amples required to get sent to a subcontract laborate subcontract laboratory specified by the client and i	-	No NA	Subcontract Lab	: NA		
Client In	<u>struction</u>						

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Spica 25 Fed 4H

Work Order: E411033

Job Number: 01058-0007

Received: 11/5/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/8/24

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: 11/8/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E411033

Date Received: 11/5/2024 7:45:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/5/2024 7:45:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H 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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Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS58 @ 4'	5
FS61 @ 4'	6
FS63 @ 4'	7
QC Summary Data	8
QC - Volatile Organics by EPA 8021B	8
QC - Nonhalogenated Organics by EPA 8015D - GRO	9
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	10
QC - Anions by EPA 300.0/9056A	11
Definitions and Notes	12
Chain of Custody etc.	13

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/08/24 17:07

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
FS58 @ 4'	E411033-01A Soil	11/01/24	11/05/24	Glass Jar, 2 oz.
FS61 @ 4'	E411033-02A Soil	11/01/24	11/05/24	Glass Jar, 2 oz.
FS63 @ 4'	E411033-03A Soil	11/01/24	11/05/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 5:07:20PM

FS58 @ 4' E411033-01

		E-111055-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2445035
Benzene	ND	0.0250	1	11/05/24	11/07/24	
Ethylbenzene	ND	0.0250	1	11/05/24	11/07/24	
Toluene	ND	0.0250	1	11/05/24	11/07/24	
o-Xylene	ND	0.0250	1	11/05/24	11/07/24	
p,m-Xylene	ND	0.0500	1	11/05/24	11/07/24	
Total Xylenes	ND	0.0250	1	11/05/24	11/07/24	
Surrogate: 4-Bromochlorobenzene-PID		88.3 %	70-130	11/05/24	11/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2445035
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/24	11/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	11/05/24	11/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2445047
Diesel Range Organics (C10-C28)	586	50.0	2	11/05/24	11/06/24	
Oil Range Organics (C28-C36)	404	100	2	11/05/24	11/06/24	
Surrogate: n-Nonane		83.9 %	50-200	11/05/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2445052
Chloride	ND	20.0	1	11/05/24	11/05/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 5:07:20PM

FS61 @ 4' E411033-02

		E411033-02				
Analyte	Result	Reporting Limit	Dilution	Duomono J	A malvona J	Notes
Analyte	Kesult	Limit	Dilution	Prepared	Analyzed	notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2445035
Benzene	ND	0.0250	1	11/05/24	11/07/24	
Ethylbenzene	ND	0.0250	1	11/05/24	11/07/24	
Toluene	ND	0.0250	1	11/05/24	11/07/24	
o-Xylene	ND	0.0250	1	11/05/24	11/07/24	
p,m-Xylene	ND	0.0500	1	11/05/24	11/07/24	
Total Xylenes	ND	0.0250	1	11/05/24	11/07/24	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	11/05/24	11/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2445035
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/24	11/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.7 %	70-130	11/05/24	11/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2445047
Diesel Range Organics (C10-C28)	ND	25.0	1	11/05/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/05/24	11/06/24	
Surrogate: n-Nonane		82.1 %	50-200	11/05/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2445052
Chloride	ND	20.0	1	11/05/24	11/05/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 5:07:20PM

FS63 @ 4' E411033-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2445035
Benzene	ND	0.0250	1	11/05/24	11/07/24	
Ethylbenzene	ND	0.0250	1	11/05/24	11/07/24	
Toluene	ND	0.0250	1	11/05/24	11/07/24	
o-Xylene	ND	0.0250	1	11/05/24	11/07/24	
p,m-Xylene	ND	0.0500	1	11/05/24	11/07/24	
Total Xylenes	ND	0.0250	1	11/05/24	11/07/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	11/05/24	11/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2445035
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/05/24	11/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	11/05/24	11/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2445047
Diesel Range Organics (C10-C28)	ND	25.0	1	11/05/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/05/24	11/06/24	
Surrogate: n-Nonane		87.8 %	50-200	11/05/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2445052
Chloride	ND	20.0	1	11/05/24	11/05/24	



Surrogate: 4-Bromochlorobenzene-PID

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 5:07:20PM

Artesia NM, 88210		Project Number: Project Manager:		shley Giovengo	o				11/8/2024 5:07:20PM
		Analyst: SL							
Analyte		Reporting Limit	Spike	Source		Rec	RPD	RPD Limit	
	Result mg/kg	mg/kg	Level mg/kg	Result mg/kg	Rec %	Limits %	%	Limit %	Notes
Blank (2445035-BLK1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/07/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.13		8.00		89.1	70-130			
LCS (2445035-BS1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/07/24
Benzene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	4.84	0.0250	5.00		96.9	70-130			
Toluene	4.98	0.0250	5.00		99.7	70-130			
o-Xylene	4.85	0.0250	5.00		97.0	70-130			
p,m-Xylene	9.83	0.0500	10.0		98.3	70-130			
Total Xylenes	14.7	0.0250	15.0		97.9	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.7	70-130			
LCS Dup (2445035-BSD1)							Prepared: 1	1/05/24 Aı	nalyzed: 11/07/24
Benzene	5.21	0.0250	5.00		104	70-130	2.74	20	
Ethylbenzene	5.00	0.0250	5.00		100	70-130	3.15	20	
Toluene	5.12	0.0250	5.00		102	70-130	2.79	20	
o-Xylene	5.01	0.0250	5.00		100	70-130	3.15	20	
p,m-Xylene	10.1	0.0500	10.0		101	70-130	3.17	20	
Total Xylenes	15.2	0.0250	15.0		101	70-130	3.16	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	11/9/2024 5:07:20DM
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 5:07:20PM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	50			11	/8/2024 5:07:20PM
	Non	Nonhalogenated Organics by EPA 8015D - GRO							Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2445035-BLK1)							Prepared: 1	1/05/24 Anal	yzed: 11/07/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.4	70-130			
LCS (2445035-BS2)							Prepared: 1	1/05/24 Anal	yzed: 11/07/24
Gasoline Range Organics (C6-C10)	39.6	20.0	50.0		79.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	70-130			
LCS Dup (2445035-BSD2)							Prepared: 1	1/05/24 Anal	yzed: 11/07/24
Gasoline Range Organics (C6-C10)	42.2	20.0	50.0		84.3	70-130	6.20	20	

70-130

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 5:07:20PM

Artesia NM, 88210		Project Manage	r: A	shley Gioveng	go			1	1/8/2024 5:07:20PM
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2445047-BLK1)							Prepared: 1	1/05/24 Ana	alyzed: 11/06/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	46.0		50.0		92.0	50-200			
LCS (2445047-BS1)							Prepared: 1	1/05/24 Ana	alyzed: 11/06/24
Diesel Range Organics (C10-C28)	250	25.0	250		100	38-132			
Surrogate: n-Nonane	47.5		50.0		95.0	50-200			
Matrix Spike (2445047-MS1)				Source:	E411032-0)7	Prepared: 1	1/05/24 Ana	alyzed: 11/08/24
Diesel Range Organics (C10-C28)	4180	50.0	250	2410	711	38-132			M4
Surrogate: n-Nonane	47.0		50.0		94.0	50-200			
Matrix Spike Dup (2445047-MSD1)				Source:	E411032-0)7	Prepared: 1	1/05/24 Ana	alyzed: 11/08/24
Diesel Range Organics (C10-C28)	2550	50.0	250	2410	58.4	38-132	48.4	20	R3
Surrogate: n-Nonane	44.8		50.0		89.6	50-200			



LCS Dup (2445052-BSD1)

Chloride

255

Prepared: 11/05/24 Analyzed: 11/05/24

20

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manager	: 0	pica 25 Fed 4F 1058-0007 Ashley Giovens					Reported: 11/8/2024 5:07:20PM
Altesia Nivi, 66210		, c		300.0/9056					Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2445052-BLK1)							Prepared: 1	1/05/24 A	nalyzed: 11/05/24
Chloride	ND	20.0							
LCS (2445052-BS1)							Prepared: 1	1/05/24 A	nalyzed: 11/05/24
Chloride	253	20.0	250		101	90-110			

250

20.0

102

90-110

0.781

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:	Spica 25 Fed 4H	
l	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
1	Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/08/24 17:07

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.

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	Page 3
ŀ	52
	1 328

	Chain of C	Custo	ody											Page <u>1</u> of _
Client Information	Invoice Information				Lab	Use	Only	у				TAT		State
ent: Devon	Company: Devon Energy		Lab	WO#	_	J	ob N	lumb	er	-	1D	2D 30	Std	NM CO UT TX
pject: Spica 25 Fed 4H	Address: 5315 Buena Vista Dr		_ ĒZ	tll o	33		OloS	58.1	Ø.	7			Х	х
oject Manager: Ashley Giovengo	City, State, Zip: Carlsbad NM, 8822	20	_ [
dress: 3122 National Parks Hwy	Phone: (575)689-7597		<u> </u>		•		Anal	ysis a	and i	Meth	od			EPA Program
y, State, Zip: Carlsbad NM, 88220	Email: jim.raley@dvn.com								1					SDWA CWA RCRA
one: 575-988-0055	Miscellaneous: Jim Raley							1		1	1	- 1		
ail: agiovengo@ensolum.com				1 55	8015	- 1	- 1	- 1						Compliance Y or N
				- ®	鱼	12	8	g	Σ	Ĕ	tals			PWSID#
Sample Ir	nformation	1 .1		- <u>8</u>	<u> </u>	8	82	å K	j	8	ž			
Time Date Sampled Matrix No. of Containers	Sample ID	Field	Lab Number	DRO/ORO by 8015	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remarks
1:26 11/1/2024 S 1	FS58 @ 4'		1						x					
1:28 11/1/2024 S 1	FS61 @ 4'		2						X					
1:30 11/1/2024 S 1	FS63 @ 4'		3						Х					
				1		\top							1	
	<u>.</u>			\vdash		\dashv	\dashv	+			_		+	
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Iditional Instructions: Please CC: cburton@ensolu	m.com, agiovengo@ensolum.com, jim.ra	ley@	dvn.com	, iest	rella@	enso	olum	.com	ı, ch	amilt	on@	ensolu	m.con	n,
immons@ensolum.com. igonzalez@ensolum.com ield sampler), attest to the validity and authenticity of this sample. I an	n aware that tampering with or intentionally mislabeling t	the sam	ole location	, date o	r time of	fcollec	ction is	s consid	dered	fraud a	ind ma	y be grou	ınds for l	legal action.
npled by: _Higinio Gonzalez	Pageing by (Cimpture)	Date		Time		Т		I.	Samole	s requir	ing the	rmai preser	rvation m	ust be received on ice the day they are
11/04/24 10	:50 Whenever Goverles	11-	4.24	10	20			- 1			_	•	e at an avı	g temp above 0 but less than 6 °C on
	545 Ade 188	Date	4.24	Time	73	0			Rece	eived	on id	:e: (Lab U P/N	lse Only
induithed by: (Signature) Date Time 11.4.24 7	345 Received by Signature		5.24	7.	45				<u>T1</u>			<u>T2</u>	2	Т3
inquished by: (Signature) Date Time	Received by: (Signature)	Date		Time						Tem		4		
nple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other			ainer Typ	e: g -	glass, p	- po	ly/pla	astic,	ag - a	ambe	r glas	s, v - VC	DAT	
te: Samples are discarded 14 days after results are reported unl		_		-										

Released to Imaging: 1/14/2025 8:28:23 AM

envirotech Inc.

Printed: 11/5/2024 8:44:00AM

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:	11/05/24	07:45		Work Order ID:	E411033
Phone:	(505) 382-1211	Date Logged In:	11/04/24	15:16		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	11/13/24	17:00 (6 day TAT)			
Chain of	Custody (COC)						
1. Does tl	ne sample ID match the COC?		Yes				
2. Does tl	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: <u>C</u>	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes				
5. Were a	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes			<u>Comments</u>	s/Resolution
Sample T	Furn Around Time (TAT)	· · ·				·	·
	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (<u>Cooler</u>						
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	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	e received w/i 15	Yes				
	visible ice, record the temperature. Actual sample	temperature: 4 t	<u>~</u>				
	<u>Container</u> queous VOC samples present?		No				
	OC samples collected in VOA Vials?		No NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers	9	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal	** *	ners conceteu:	103				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?	7111 111 11111	Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		No				
	<u>Preservation</u>						
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix						
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						
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA		
Client I	nstruction_						
							1

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: Spica 25 Fed 4H

Work Order: E411044

Job Number: 01058-0007

Received: 11/6/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/8/24

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: 11/8/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E411044

Date Received: 11/6/2024 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/6/2024 7:30:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H 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

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS96 @ 0.5'	5
FS50 @ 1.5'	6
FS51 @ 1.5'	7
FS56 @ 4'	8
QC Summary Data	9
QC - Volatile Organics by EPA 8021B	9
QC - Nonhalogenated Organics by EPA 8015D - GRO	10
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	11
QC - Anions by EPA 300.0/9056A	12
Definitions and Notes	13
Chain of Custody etc.	14

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/08/24 14:05

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS96 @ 0.5'	E411044-01A	Soil	11/04/24	11/06/24	Glass Jar, 2 oz.
FS50 @ 1.5'	E411044-02A	Soil	11/04/24	11/06/24	Glass Jar, 2 oz.
FS51 @ 1.5'	E411044-03A	Soil	11/04/24	11/06/24	Glass Jar, 2 oz.
FS56 @ 4'	E411044-04A	Soil	11/04/24	11/06/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 2:05:31PM

FS96 @ 0.5' E411044-01

		E411044-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2445057
Benzene	ND	0.0250	1	11/06/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/06/24	11/06/24	
Toluene	ND	0.0250	1	11/06/24	11/06/24	
o-Xylene	0.0854	0.0250	1	11/06/24	11/06/24	
p,m-Xylene	ND	0.0500	1	11/06/24	11/06/24	
Total Xylenes	0.0854	0.0250	1	11/06/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2445057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2445058
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/24	11/06/24	
Surrogate: n-Nonane		84.9 %	50-200	11/06/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2445061
Chloride	ND	20.0	1	11/06/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 2:05:31PM

FS50 @ 1.5'

		E411044-02				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445057
Benzene	ND	0.0250	1	11/06/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/06/24	11/06/24	
Toluene	ND	0.0250	1	11/06/24	11/06/24	
o-Xylene	ND	0.0250	1	11/06/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/06/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/06/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2445058
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/24	11/06/24	
Surrogate: n-Nonane		82.6 %	50-200	11/06/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445061
Chloride	22.0	20.0	1	11/06/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 2:05:31PM

FS51 @ 1.5'

		E411044-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2445057
Benzene	ND	0.0250	1	11/06/24	11/06/24	
Ethylbenzene	ND	0.0250	1	11/06/24	11/06/24	
Toluene	ND	0.0250	1	11/06/24	11/06/24	
o-Xylene	ND	0.0250	1	11/06/24	11/06/24	
o,m-Xylene	ND	0.0500	1	11/06/24	11/06/24	
Total Xylenes	ND	0.0250	1	11/06/24	11/06/24	
Surrogate: 4-Bromochlorobenzene-PID		90.6 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2445057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/24	11/06/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	11/06/24	11/06/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2445058	
Diesel Range Organics (C10-C28)	50.1	25.0	1	11/06/24	11/06/24	
Dil Range Organics (C28-C36)	ND	50.0	1	11/06/24	11/06/24	
Surrogate: n-Nonane		85.3 %	50-200	11/06/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2445061
Chloride	31.2	20.0	1	11/06/24	11/06/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 2:05:31PM

FS56 @ 4' E411044-04

		E411044-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Analyte	Result	Limit	Dilution	Trepared	Allalyzed	rvotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2445057
Benzene	ND	0.0250	1	11/06/24	11/07/24	
Ethylbenzene	ND	0.0250	1	11/06/24	11/07/24	
Toluene	ND	0.0250	1	11/06/24	11/07/24	
o-Xylene	ND	0.0250	1	11/06/24	11/07/24	
p,m-Xylene	ND	0.0500	1	11/06/24	11/07/24	
Total Xylenes	ND	0.0250	1	11/06/24	11/07/24	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	11/06/24	11/07/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2445057
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/06/24	11/07/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	70-130	11/06/24	11/07/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2445058
Diesel Range Organics (C10-C28)	ND	25.0	1	11/06/24	11/06/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/06/24	11/06/24	
Surrogate: n-Nonane		87.1 %	50-200	11/06/24	11/06/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445061
Chloride	25.1	20.0	1	11/06/24	11/06/24	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

		<u> </u>	
Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 2:05:31PM

Artesia NM, 88210		Project Number: Project Manager:		shley Giovengo)			1	1/8/2024 2:05:31PM
		Volatile O	rganics b	oy EPA 8021	1B				Analyst: SL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2445057-BLK1)							Prepared: 1	1/06/24 An	alyzed: 11/06/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.28		8.00		91.0	70-130			
LCS (2445057-BS1)							Prepared: 1	1/06/24 An	alyzed: 11/06/24
Benzene	4.32	0.0250	5.00		86.3	70-130			
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130			
Toluene	4.57	0.0250	5.00		91.4	70-130			
o-Xylene	4.64	0.0250	5.00		92.8	70-130			
p,m-Xylene	9.38	0.0500	10.0		93.8	70-130			
Total Xylenes	14.0	0.0250	15.0		93.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.18		8.00		89.7	70-130			
LCS Dup (2445057-BSD1)							Prepared: 1	1/06/24 An	alyzed: 11/06/24
Benzene	4.42	0.0250	5.00		88.4	70-130	2.38	20	
Ethylbenzene	4.78	0.0250	5.00		95.5	70-130	3.54	20	
Toluene	4.71	0.0250	5.00		94.2	70-130	3.06	20	
o-Xylene	4.79	0.0250	5.00		95.9	70-130	3.27	20	
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130	3.60	20	
Total Xylenes	14.5	0.0250	15.0		96.8	70-130	3.49	20	

70-130

7.25



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 2:05:31PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go				11/8/2024 2:05:31PM
	Non	halogenated	Organics	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2445057-BLK1)							Prepared: 1	1/06/24 A	nalyzed: 11/06/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00		95.0	70-130			
LCS (2445057-BS2)							Prepared: 1	1/06/24 A	nalyzed: 11/06/24
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0		87.3	70-130			
			0.00		05.0	50 130			

LCS (2445057-BS2)					P	reparea: 11	/06/24 Anaiyz	ea: 11/06/24
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	87.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.67		8.00	95.8	70-130			
LCS Dup (2445057-BSD2)					P	repared: 11	/06/24 Analyz	red: 11/06/24
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0	86.1	70-130	1.33	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00	95.2	70-130			

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/8/2024 2:05:31PM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go				11/8/2024 2:05:31PN	
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: NV		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2445058-BLK1)							Prepared: 1	1/06/24 An	alyzed: 11/06/24	
iesel Range Organics (C10-C28)	ND	25.0								
il Range Organics (C28-C36)	ND	50.0								
urrogate: n-Nonane	44.5		50.0		89.0	50-200				
CS (2445058-BS1)							Prepared: 1	1/06/24 An	alyzed: 11/06/24	
iesel Range Organics (C10-C28)	232	25.0	250		92.8	38-132				
urrogate: n-Nonane	47.1		50.0		94.2	50-200				
CS Dup (2445058-BSD1)							Prepared: 1	1/06/24 An	alyzed: 11/06/24	
iesel Range Organics (C10-C28)	245	25.0	250		97.8	38-132	5.28	20		
urrogate: n-Nonane	48.0		50.0		96.0	50-200				



Chloride

Chloride

LCS Dup (2445061-BSD1)

252

250

20.0

20.0

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210		Project Name: Project Number Project Manage	: 0	pica 25 Fed 41 1058-0007 shley Giovens					Reported: 11/8/2024 2:05:31PM
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2445061-BLK1)						I	Prepared: 1	1/06/24 A	analyzed: 11/06/24
Chloride	ND	20.0							
LCS (2445061-BS1)						I	Prepared: 1	1/06/24 A	analyzed: 11/06/24

250

250

101

100

90-110

90-110

1.01

Prepared: 11/06/24 Analyzed: 11/06/24

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:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/08/24 14:05

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 1/14/2025 8:28:23 AM

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or N		12/20/20

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samnles is	applicable only	to those s	samples	received by	the la	boratory w	⁄ith thi	is COC. The liability of	of the laboratory	is lim	stea to th	e an	noun	ιτ pate	TOF C	on the	repo	Πt.								



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Printed: 11/6/2024 9:43:52AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Devon Energy - Carlsbad	Date Received:	11/06/24	07:30		Work Order ID:	E411044
Phone:	(505) 382-1211	Date Logged In:	11/05/24	14:59		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	11/14/24	17:00 (6 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mate	th the COC	Yes				
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was th	e COC complete, i.e., signatures, dates/times, request	ed analyses?	Yes				
5. Were a	Il samples received within holding time?	·	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion			,		Comments	s/Resolution
	<u> Turn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	e sample received on ice? If yes, the recorded temp is 4°C, i Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample to	received w/i 15	Yes				
		emperature. 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				
	trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample containers.	are collected?	Yes				
Field Lal	** *	ers conected:	105				
	field sample labels filled out with the minimum infor	mation:					
	ample ID?	mation.	Yes				
	pate/Time Collected?		Yes				
C	ollectors name?		No				
Sample I	Preservation_						
21. Does	the COC or field labels indicate the samples were pre-	eserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved me	etals?	No				
Multipha	se Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
27. If yes	, does the COC specify which phase(s) is to be analyze	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborator	u9	No				
	subcontract laboratory specified by the client and if		NA	Subcontract Lab	. NA		
		so who:	1421	Subcontract Lat), INA		
Client II	<u>nstruction</u>						

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: Spica 25 Fed 4H

Work Order: E411062

Job Number: 01058-0007

Received: 11/7/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/15/24

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: 11/15/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E411062

Date Received: 11/7/2024 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/7/2024 7:30:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

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Client Representative

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS34 @ 1.5'	5
FS37 @ 1.5'	6
FS45 @ 0.5'	7
FS65 @ 1.5'	8
FS70 @ 1.5'	9
FS71 @ 1.5'	10
FS85 @ 1.5'	11
FS87 @ 0.5'	12
FS88 @ 0.5'	13
FS95 @ 0.5'	14
FS97 @ 1.5'	15
QC Summary Data	16
QC - Volatile Organics by EPA 8021B	16
QC - Nonhalogenated Organics by EPA 8015D - GRO	17
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	18
QC - Anions by EPA 300.0/9056A	19
Definitions and Notes	20
Chain of Custody etc.	21

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/24 07:58

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS34 @ 1.5'	E411062-01A	Soil	11/05/24	11/07/24	Glass Jar, 2 oz.
FS37 @ 1.5'	E411062-02A	Soil	11/05/24	11/07/24	Glass Jar, 2 oz.
FS45 @ 0.5'	E411062-03A	Soil	11/05/24	11/07/24	Glass Jar, 2 oz.
FS65 @ 1.5'	E411062-04A	Soil	11/05/24	11/07/24	Glass Jar, 2 oz.
FS70 @ 1.5'	E411062-05A	Soil	11/05/24	11/07/24	Glass Jar, 2 oz.
FS71 @ 1.5'	E411062-06A	Soil	11/05/24	11/07/24	Glass Jar, 2 oz.
FS85 @ 1.5'	E411062-07A	Soil	11/05/24	11/07/24	Glass Jar, 2 oz.
FS87 @ 0.5'	E411062-08A	Soil	11/05/24	11/07/24	Glass Jar, 2 oz.
FS88 @ 0.5'	E411062-09A	Soil	11/05/24	11/07/24	Glass Jar, 2 oz.
FS95 @ 0.5'	E411062-10A	Soil	11/05/24	11/07/24	Glass Jar, 2 oz.
FS97 @ 1.5'	E411062-11A	Soil	11/05/24	11/07/24	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

FS34 @ 1.5' E411062-01

		L+11002-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2445110
Benzene	ND	0.0250	1	11/07/24	11/08/24	
Ethylbenzene	ND	0.0250	1	11/07/24	11/08/24	
Toluene	ND	0.0250	1	11/07/24	11/08/24	
o-Xylene	ND	0.0250	1	11/07/24	11/08/24	
p,m-Xylene	ND	0.0500	1	11/07/24	11/08/24	
Total Xylenes	ND	0.0250	1	11/07/24	11/08/24	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2445110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/24	11/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2445103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/24	11/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/24	11/08/24	
Surrogate: n-Nonane		113 %	50-200	11/07/24	11/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2445136
Chloride	ND	20.0	1	11/08/24	11/08/24	

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

FS37 @ 1.5'

		E411062-02				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2445110
Benzene	ND	0.0250	1	11/07/24	11/08/24	
Ethylbenzene	ND	0.0250	1	11/07/24	11/08/24	
Toluene	ND	0.0250	1	11/07/24	11/08/24	
o-Xylene	ND	0.0250	1	11/07/24	11/08/24	
o,m-Xylene	ND	0.0500	1	11/07/24	11/08/24	
Total Xylenes	ND	0.0250	1	11/07/24	11/08/24	
Surrogate: 4-Bromochlorobenzene-PID		88.3 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2445110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/24	11/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2445103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/24	11/08/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/24	11/08/24	
Surrogate: n-Nonane		111 %	50-200	11/07/24	11/08/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: DT		Batch: 2445136
Chloride	ND	20.0	1	11/08/24	11/08/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

FS45 @ 0.5'

		E411062-03				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445110
Benzene	ND	0.0250	1	11/07/24	11/08/24	
Ethylbenzene	ND	0.0250	1	11/07/24	11/08/24	
Toluene	ND	0.0250	1	11/07/24	11/08/24	
o-Xylene	ND	0.0250	1	11/07/24	11/08/24	
o,m-Xylene	ND	0.0500	1	11/07/24	11/08/24	
Total Xylenes	ND	0.0250	1	11/07/24	11/08/24	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/24	11/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/24	11/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/24	11/09/24	
Surrogate: n-Nonane		116 %	50-200	11/07/24	11/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2445136
Chloride	ND	20.0	1	11/08/24	11/08/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

FS65 @ 1.5' E411062-04

		E-111002-0-				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2445110
Benzene	ND	0.0250	1	11/07/24	11/08/24	
Ethylbenzene	ND	0.0250	1	11/07/24	11/08/24	
Toluene	ND	0.0250	1	11/07/24	11/08/24	
o-Xylene	ND	0.0250	1	11/07/24	11/08/24	
p,m-Xylene	ND	0.0500	1	11/07/24	11/08/24	
Total Xylenes	ND	0.0250	1	11/07/24	11/08/24	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2445110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/24	11/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.3 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2445103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/24	11/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/24	11/09/24	
Surrogate: n-Nonane		116 %	50-200	11/07/24	11/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445136
Chloride	ND	20.0	1	11/08/24	11/08/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

FS70 @ 1.5' E411062-05

		E411002-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445110
Benzene	ND	0.0250	1	11/07/24	11/08/24	
Ethylbenzene	ND	0.0250	1	11/07/24	11/08/24	
Toluene	ND	0.0250	1	11/07/24	11/08/24	
o-Xylene	ND	0.0250	1	11/07/24	11/08/24	
p,m-Xylene	ND	0.0500	1	11/07/24	11/08/24	
Total Xylenes	ND	0.0250	1	11/07/24	11/08/24	
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2445110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/24	11/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2445103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/24	11/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/24	11/09/24	
Surrogate: n-Nonane		112 %	50-200	11/07/24	11/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445136
Chloride	ND	20.0	1	11/08/24	11/08/24	·



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

FS71 @ 1.5'

		E411062-06					
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2445110	
Benzene	ND	0.0250	1	11/07/24	11/08/24		
Ethylbenzene	ND	0.0250	1	11/07/24	11/08/24		
Toluene	ND	0.0250	1	11/07/24	11/08/24		
o-Xylene	ND	0.0250	1	11/07/24	11/08/24		
p,m-Xylene	ND	0.0500	1	11/07/24	11/08/24		
Total Xylenes	ND	0.0250	1	11/07/24	11/08/24		
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	11/07/24	11/08/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2445110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/24	11/08/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		173 %	70-130	11/07/24	11/08/24	S3	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2445103	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/24	11/09/24		
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/24	11/09/24		
Surrogate: n-Nonane		109 %	50-200	11/07/24	11/09/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2445136	
Chloride	ND	20.0	1	11/08/24	11/08/24		



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

FS85 @ 1.5'

		E411062-07					
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2445110	
Benzene	ND	0.0250	1	11/07/24	11/08/24		
Ethylbenzene	ND	0.0250	1	11/07/24	11/08/24		
Toluene	ND	0.0250	1	11/07/24	11/08/24		
o-Xylene	ND	0.0250	1	11/07/24	11/08/24		
p,m-Xylene	ND	0.0500	1	11/07/24	11/08/24		
Total Xylenes	ND	0.0250	1	11/07/24	11/08/24		
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	11/07/24	11/08/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2445110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/24	11/08/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	11/07/24	11/08/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2445103	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/24	11/09/24		
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/24	11/09/24		
Surrogate: n-Nonane		116 %	50-200	11/07/24	11/09/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2445136	
Chloride	ND	20.0	1	11/08/24	11/08/24		



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

FS87 @ 0.5'

		E411062-08					
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445110	
Benzene	ND	0.0250	1	11/07/24	11/08/24		
Ethylbenzene	ND	0.0250	1	11/07/24	11/08/24		
Toluene	ND	0.0250	1	11/07/24	11/08/24		
o-Xylene	ND	0.0250	1	11/07/24	11/08/24		
o,m-Xylene	ND	0.0500	1	11/07/24	11/08/24		
Total Xylenes	ND	0.0250	1	11/07/24	11/08/24		
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	11/07/24	11/08/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2445110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/24	11/08/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	11/07/24	11/08/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2445103	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/24	11/09/24		
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/24	11/09/24		
Surrogate: n-Nonane		109 %	50-200	11/07/24	11/09/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2445136	
Chloride	ND	20.0	1	11/08/24	11/08/24		



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

FS88 @ 0.5'

		E411062-09					
Reporting							
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2445110	
Benzene	ND	0.0250	1	11/07/24	11/08/24		
Ethylbenzene	ND	0.0250	1	11/07/24	11/08/24		
Toluene	ND	0.0250	1	11/07/24	11/08/24		
o-Xylene	ND	0.0250	1	11/07/24	11/08/24		
o,m-Xylene	ND	0.0500	1	11/07/24	11/08/24		
Total Xylenes	ND	0.0250	1	11/07/24	11/08/24		
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	11/07/24	11/08/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2445110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/24	11/08/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.5 %	70-130	11/07/24	11/08/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2445103	
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/24	11/09/24		
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/24	11/09/24		
Surrogate: n-Nonane		105 %	50-200	11/07/24	11/09/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2445136	
Chloride	ND	20.0	1	11/08/24	11/08/24		



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

FS95 @ 0.5' E411062-10

		E-111002-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2445110
Benzene	ND	0.0250	1	11/07/24	11/08/24	
Ethylbenzene	ND	0.0250	1	11/07/24	11/08/24	
Toluene	ND	0.0250	1	11/07/24	11/08/24	
o-Xylene	ND	0.0250	1	11/07/24	11/08/24	
p,m-Xylene	ND	0.0500	1	11/07/24	11/08/24	
Total Xylenes	ND	0.0250	1	11/07/24	11/08/24	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2445110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/24	11/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2445103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/24	11/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/24	11/09/24	
Surrogate: n-Nonane		110 %	50-200	11/07/24	11/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2445136
Chloride	ND	20.0	1	11/08/24	11/08/24	



Sample Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

FS97 @ 1.5'

E411062-11						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445110
Benzene	ND	0.0250	1	11/07/24	11/08/24	
Ethylbenzene	ND	0.0250	1	11/07/24	11/08/24	
Toluene	ND	0.0250	1	11/07/24	11/08/24	
o-Xylene	ND	0.0250	1	11/07/24	11/08/24	
p,m-Xylene	ND	0.0500	1	11/07/24	11/08/24	
Total Xylenes	ND	0.0250	1	11/07/24	11/08/24	
Surrogate: 4-Bromochlorobenzene-PID		88.6 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2445110
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/07/24	11/08/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	11/07/24	11/08/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2445103
Diesel Range Organics (C10-C28)	ND	25.0	1	11/07/24	11/09/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/07/24	11/09/24	
Surrogate: n-Nonane		114 %	50-200	11/07/24	11/09/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2445136
Chloride	ND	20.0	1	11/08/24	11/08/24	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

Artesia NM, 88210		Project Number: Project Manager:		shley Gioveng	0			11	/15/2024 7:58:50AM
		Volatile O	rganics b	oy EPA 802	1B				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2445110-BLK1)						I	Prepared: 11	1/07/24 Ana	alyzed: 11/08/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.69		8.00		83.6	70-130			
LCS (2445110-BS1)						I	Prepared: 11	1/07/24 Ana	alyzed: 11/08/24
Benzene	5.42	0.0250	5.00		108	70-130			
Ethylbenzene	5.21	0.0250	5.00		104	70-130			
Toluene	5.33	0.0250	5.00		107	70-130			
o-Xylene	5.19	0.0250	5.00		104	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.9	70-130			
LCS Dup (2445110-BSD1)						I	Prepared: 1	1/07/24 Ana	alyzed: 11/08/24
Benzene	5.74	0.0250	5.00		115	70-130	5.73	20	
Ethylbenzene	5.53	0.0250	5.00		111	70-130	5.86	20	
Toluene	5.65	0.0250	5.00		113	70-130	5.83	20	
o-Xylene	5.51	0.0250	5.00		110	70-130	5.94	20	
p,m-Xylene	11.2	0.0500	10.0		112	70-130	5.88	20	
Total Xylenes	16.7	0.0250	15.0		112	70-130	5.90	20	

70-130



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

Artesia NM, 88210		Project Number: Project Manager		058-0007 shley Gioveng	90			11/1	5/2024 7:58:50AM
	Non	halogenated (Organics l	by EPA 80	15D - Gl	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2445110-BLK1)]	Prepared: 1	1/07/24 Analy	vzed: 11/08/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			
LCS (2445110-BS2)]	Prepared: 1	1/07/24 Analy	zed: 11/08/24
Gasoline Range Organics (C6-C10)	43.4	20.0	50.0		86.8	70-130			
urrogate: 1-Chloro-4-fluorobenzene-FID	7.33		8.00		91.6	70-130			
LCS Dup (2445110-BSD2)						1	Prepared: 1	1/07/24 Analy	zed: 11/08/24
Gasoline Range Organics (C6-C10)	43.7	20.0	50.0		87.4	70-130	0.648	20	

8.00

70-130

7.27

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/2024 7:58:50AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			11.	/15/2024 7:58:50AM	
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: NV		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2445103-BLK1)							Prepared: 1	1/07/24 Ana	lyzed: 11/08/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	54.5		50.0		109	50-200				
LCS (2445103-BS1)							Prepared: 1	1/07/24 Ana	lyzed: 11/08/24	
Diesel Range Organics (C10-C28)	276	25.0	250		110	38-132				
Surrogate: n-Nonane	55.6		50.0		111	50-200				
LCS Dup (2445103-BSD1)							Prepared: 1	1/07/24 Ana	lyzed: 11/08/24	
Diesel Range Organics (C10-C28)	267	25.0	250		107	38-132	3.41	20		
Surrogate: n-Nonane	53.9		50.0		108	50-200				

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		pica 25 Fed 4H 1058-0007	I				Reporte	d:
Artesia NM, 88210		Project Manager:	A	shley Gioveng	jo				11/15/2024 7::	58:50AM
		Anions	by EPA	300.0/9056 <i>A</i>	\				Analyst: D	Γ
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limi		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Note	es
Blank (2445136-BLK1)							Prepared:	11/08/24	Analyzed: 11/0	8/24
Chloride	ND	20.0								
LCS (2445136-BS1)							Prepared:	11/08/24	Analyzed: 11/0	8/24
Chloride	259	20.0	250		104	90-110				
Matrix Spike (2445136-MS1)				Source:	E411061-0)3	Prepared:	11/08/24	Analyzed: 11/0	8/24
Chloride	679	20.0	250	404	110	80-120				
Matrix Spike Dup (2445136-MSD1)				Source:	E411061-0)3	Prepared:	11/08/24	Analyzed: 11/0	8/24
Chloride	672	20.0	250	404	108	80-120	1.03	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:	Spica 25 Fed 4H	
١	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
١	Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/15/24 07:58

S3 Surrogate spike recovery was outside acceptance limits. 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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Client Information				Invoice Information		Lab Use Only					ly	TAT				State						
Client: Devon			Co	Company: Devon Energy La						Num	Number 1D 2D 3D Std				D Std	NM CO UT TX						
Project:		pica 25 F	ed 4H			dress: 5315 Buena Vista	Dr	F	-41	110	62		010			07		T U	Х	X		
	Manager: Ash					v, State, Zip: Carlsbad NI					-		0	-			-					
	3122 Nation					one: (575)689-7597			Г				Ana	lysis	and	Met	hod			EP	A Progra	am
	te, Zip: Carlsl					nail: jim.raley@dvn.com			-			2.4							-	SDWA	CWA	RCRA
	575-988-005		00220			cellaneous: Jim Raley													170.73		14.000	
	giovengo@ei		om		- IVIIS	cellaneous. Jilli Naley														Complian	ce Y	or N
ciliali. a	giovengowei	isolulii.c	.0111					-		8015	3015			0			0			PWSID#		1000
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Time		10.00	A5.2 II	Jann	ole illioillati	70	Ь	Lah		ORC	DRC	by 8	by 8	ide	- 20	1005	8 7				Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Fiel	Lab Numb	per	DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ	RCRA 8 Metals					
1429	11/5/2024	S	1	FS	34 @	1.5'		1						3	X							
1423	11/5/2024	S	1	FS.	37 @	1.5'		2							X							
1015	11/5/2024	S	1	F54	50	0.5'		3							Х							
0912	11/5/2024	S	1	F56	50	1.5'		4							Х							
0939	11/5/2024	S	1	F570	00	1.5'		5							Х							
0919	11/5/2024	S	1	FS7	10	1.5'		6							Х							
1338	11/5/2024	S	1	F58	50	1.5'		7							х							
1030	11/5/2024	S	1	FS81	0	9.5'		8							Х		ŋ.					
1028	11/5/2024	S	1	FS8	8 @	7.5'		9							х							
1026	11/5/2024	S	1	F595		7.5'		10							х							
Addition	al Instructio	ns: Plea	ase CC: cb	urton@e	nsolum.com	agiovengo@ensolum.co	om, jim.rale	y@dvn	.con	n, ie	strel	la@	enso	lum.	com,	chai	milto	n@en	solum.	com,		
bsimmo	ns@ensolum	.com, jg	onzalez@	ensolum.	com															2 10		
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Client Information				Invoice Information	on		Lab Use Only							TAT		State			
Client: Devon					Company: Devon Energy				Lab WO# Job Nun E411062 01058			Num	ber		1D :	D 3D Ste	MM E	CO UT TX	
Project: Spica 25 Fed 4H Project Manager: Ashley Giovengo				Address: 5315 Buena Vista D	r		E411	06	Z	010	28,	000	1		X	Х			
			2	City, State, Zip: Carlsbad NM,	88220											_			
	3122 Nation					none: (575)689-7597					-	Ana	lysis	and I	Meth	nod		-	A Program
	e, Zip: Carls		88220			Email: jim.raley@dvn.com												SDWA	CWA RCRA
	one: 575-988-0055		_ M	iscellaneous: Jim Raley							10					Complian	ce Y or N		
-mail: a	giovengo@e	nsolum.c	om				-		8015	3015				1	\mathbf{A}	0		PWSID #	ce 1 OI N
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(field same	ns@ensolum	validity and	onzalez@	of this sample.	l am aware t	hat tampering with or intentionally misl	abeling the	sample loc	cation, da	te or ti	me of c	ollectio	n is co	nsidere	d frau	d and m	ay be grounds	for legal action	
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envirotech Inc.

Printed: 11/7/2024 10:46:20AM

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:	11/07/24	07:30	Work Order ID:	E411062
Phone:	(505) 382-1211	Date Logged In:	11/06/24	14:42	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	11/15/24	17:00 (6 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: 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 i i.e, 15 minute hold time, are not included in this disucssi		Yes		<u>Comment</u>	s/Resolution
Sample T	<u> </u>					
6. Did the	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			
12. Was th	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	re received w/i 15	Yes			
Sample C	, <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			
Field Lat	•	nors conceica.	105			
	field sample labels filled out with the minimum info	ormation:				
	ample ID?	ormation.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
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 r	netals?	No			
Multipha	se Sample Matrix					
26. Does	the sample have more than one phase, i.e., multipha	ise?	No			
	, does the COC specify which phase(s) is to be anal		NA			
Subcontr	act Laboratory					
	amples required to get sent to a subcontract laborate	nrv?	No			
	subcontract laboratory specified by the client and i	-	NA	Subcontract Lab: NA		
			- 11	Successful Eur. 1411		
Chent II	<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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Spica 25 Fed 4H

Work Order: E411095

Job Number: 01058-0007

Received: 11/9/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/12/24

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: 11/12/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E411095

Date Received: 11/9/2024 10:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/9/2024 10:00:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H 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

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Southern New Mexico Area Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS47 @ 0'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/24 12:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS47 @ 0'	E411095-01A	Soil	11/07/24	11/09/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 12:21:41PM

FS47 @ 0' E411095-01

		E411095-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2446001
Benzene	ND	0.0250	1	11/11/24	11/11/24	
Ethylbenzene	ND	0.0250	1	11/11/24	11/11/24	
Toluene	ND	0.0250	1	11/11/24	11/11/24	
o-Xylene	ND	0.0250	1	11/11/24	11/11/24	
p,m-Xylene	ND	0.0500	1	11/11/24	11/11/24	
Total Xylenes	ND	0.0250	1	11/11/24	11/11/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	11/11/24	11/11/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	lyst: BA		Batch: 2446001
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/24	11/11/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6 %	70-130	11/11/24	11/11/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2446004
Diesel Range Organics (C10-C28)	327	25.0	1	11/11/24	11/11/24	
Oil Range Organics (C28-C36)	216	50.0	1	11/11/24	11/11/24	
Surrogate: n-Nonane		98.0 %	50-200	11/11/24	11/11/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2446034
Chloride	1020	20.0	1	11/12/24	11/12/24	



Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 12:21:41PM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		1058-0007 shley Giovengo				11	/12/2024 12:21:41PM
		Volatile Or	ganics l	by EPA 8021	В				Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2446001-BLK1)						I	Prepared: 11	/11/24 Ana	ılyzed: 11/11/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.7	70-130			
LCS (2446001-BS1)						I	Prepared: 11	/11/24 Ana	lyzed: 11/11/24
Benzene	4.44	0.0250	5.00		88.8	70-130			
Ethylbenzene	4.30	0.0250	5.00		86.0	70-130			
Coluene	4.39	0.0250	5.00		87.7	70-130			
-Xylene	4.29	0.0250	5.00		85.9	70-130			
,m-Xylene	8.77	0.0500	10.0		87.7	70-130			
Total Xylenes	13.1	0.0250	15.0		87.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.08		8.00		101	70-130			
LCS Dup (2446001-BSD1)						I	Prepared: 11	/11/24 Ana	lyzed: 11/11/24
Benzene	5.30	0.0250	5.00		106	70-130	17.6	20	
thylbenzene	5.16	0.0250	5.00		103	70-130	18.2	20	
oluene	5.25	0.0250	5.00		105	70-130	17.9	20	
-Xylene	5.16	0.0250	5.00		103	70-130	18.2	20	
,m-Xylene	10.5	0.0500	10.0		105	70-130	18.1	20	
Total Xylenes	15.7	0.0250	15.0		104	70-130	18.1	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 12:21:41PM

Artesia NM, 88210		Project Manager	r: As	shley Gioveng	go			11/1	2/2024 12:21:41PM
	Non	halogenated	Organics	by EPA 801	15D - G	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2446001-BLK1)							Prepared: 1	1/11/24 Analy	vzed: 11/11/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			
LCS (2446001-BS2)							Prepared: 1	1/11/24 Analy	zed: 11/11/24
Gasoline Range Organics (C6-C10)	45.9	20.0	50.0		91.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			
LCS Dup (2446001-BSD2)							Prepared: 1	1/11/24 Analy	zed: 11/11/24
Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.3	70-130	1.73	20	-

70-130

7.51

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 12:21:41PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			11/	12/2024 12:21:41P		
Nonhalogenated Organics by EPA 8015D - DRO/ORO											
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2446004-BLK1)							Prepared: 1	1/11/24 Anal	yzed: 11/11/24		
Diesel Range Organics (C10-C28)	ND	25.0									
Dil Range Organics (C28-C36)	ND	50.0									
Surrogate: n-Nonane	57.1		50.0		114	50-200					
LCS (2446004-BS1)							Prepared: 1	1/11/24 Anal	yzed: 11/11/24		
Diesel Range Organics (C10-C28)	233	25.0	250		93.3	38-132					
Surrogate: n-Nonane	49.5		50.0		99.0	50-200					
LCS Dup (2446004-BSD1)							Prepared: 1	1/11/24 Anal	yzed: 11/11/24		
Diesel Range Organics (C10-C28)	303	25.0	250		121	38-132	26.1	20	R3		
Surrogate: n-Nonane	64.4		50.0		129	50-200					

LCS Dup (2446034-BSD1)

Chloride

260

Prepared: 11/12/24 Analyzed: 11/12/24

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number:		Spica 25 Fed 41 1058-0007	Η				Reported:	
Artesia NM, 88210		Project Manager		Ashley Gioven	go			11/12/2024 12:21:41PM		
		Anions	by EPA	300.0/9056	4				Analyst: DT	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2446034-BLK1)							Prepared: 1	1/12/24 Aı	nalyzed: 11/12/24	
Chloride	ND	20.0								
LCS (2446034-BS1)							Prepared: 1	1/12/24 Aı	nalyzed: 11/12/24	
Chloride	260	20.0	250		104	90-110				

250

20.0

104

90-110

0.0365

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:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/24 12:21

R3 The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 1/14/2025 8:28:23 AM

1	Clie	nt Inform	ation			Invoice Information					La	b Us	e Or	ıly		TAT State					
Client: D	Devon				Co	mpany: Devon Energy		[Lab V	WO#				Num			1D	2D	3D St	NM CO UT TX	
Project:	S	pica 25 F	ed 4H		Ac	ldress: 5315 Buena Vista Dr			E4/	110	95	-	010	58	000	57	Х		X	X	
Project N	Manager: Asl	nley Giov	engo		Cit	ry, State, Zip: Carlsbad NM, 8	8220														
Address:	3122 Nation	nal Parks	Hwy		Pho	one: (575)689-7597			Γ				Ana	lysis	and	Met	hod			EPA Program	
City, Stat	te, Zip: Carls	bad NM,	88220		En	nail: jim.raley@dvn.com														SDWA CWA RCRA	
Phone:	575-988-005	5			Mis	Miscellaneous: Jim Raley															
Email: a	giovengo@e	nsolum.c	om							12	25									Compliance Y or N	
										/ 80	/ 801	н		0.0	-	×	sis			PWSID#	
				Sam	ple Informati	on				DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	N.	TCEQ 1005 - TX	RCRA 8 Metals				
Time	Date Sampled	Matrix	No. of			Sample ID		Lat Numl	b	10/0	10/0	χpλ	Cby	orid	BGDOC - NM	200	0 10	₹ 8			Remarks
Sampled	Date Sampled	Width	Containers			Jampie 15	Field	Numl	ber	DRG	GR	BTE	9	5	198	TCE.	RCF				
11:20	11/7/2024	S	1			FS47 @ 0'		1							Х					If TPH >2,500 or GRO+DRO >1,000 do not run other tests	
							+														
							+	20-													
							+														
Addition	al Instruction	nc: Dlo	aco CC: ch	urton@o	ncolum com	agiovengo@ensolum.com, j	in rale	ı@dvn	con	n io	ctrol	la@e	nsol	lum i	com	chai	milto	n@e	nsolum	com	
	ns@ensolum					agiovengo@ensoium.com, j	iiii.raic	RUSH				ia@ c	.11301		com,	Cital	iiiico	ile c	insolum	.com,	
						t tampering with or intentionally mislab	eling the sa					e of co	llectio	n is co	nsider	ed frau	id and	mav b	e grounds	or legal action.	
DESCRIPTION OF STREET	: _Higinio Gonzale			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					20.20												
	ned by: (Signatu		Date		Time	Received by: (Signature)	Date		,	Time					Sampl	es requ	iring th	ermal p	reservation	must be received on ice the day they are	
-			11.	08-24	11145	Received by: (Signature)	100 11	-82	4	11	45					ed or re		packed	in ice at an	avg temp above 0 but less than 6 °C on	
	ned by Islgnatu		Date	2711	Time	Received by: (Signature)	Date		111	Time	1/4	-								Jse Only	
Religions	red by (Signatu	re)	Date	197	Time	Received by Signatury	Date	0.7	29	Time	7				Rec	eived	d on i	ice:	(1)	N	
fla	WAL-		11.	8.24	2240	Carth Ma	//•	9.20	4	10.	a)			<u>T1</u>			_	<u>T2</u>	<u>T3</u>	
Relinquish	ned by: (Signatu	re)	Date		Time	Received by: (Signature)	Date			Time					AVO	i Ten	np °C	4			
Sample Ma	trix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aque	ous, O - Othe	er		Cor	ntainer	Туре	e: g -	glass	, p - p	oly/	plasti	c, ag	- am	ber gl	ass, v	V-VOA		
Note: San	ples are discard	ded 14 days	after resul	s are repor	ted unless other	arrangements are made. Hazardou	s samples	will be	retur	rned t	to clie	nt or	dispo	sed of	f at th	e clier	nt exp	ense.	The repo	rt for the analysis of the above	
samples is	applicable only	to those s	amples rece	ived by the	laboratory with	this COC. The liability of the labora	tory is lim	ited to t	the ar	mour	nt paid	for c	n the	repor	rt.						



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envirotech Inc.

Printed: 11/11/2024 9:01:35AM

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:	11/09/24	10:00	Work Orde	er ID:	E411095
Phone:	(505) 382-1211	Date Logged In:	11/08/24	16:46	Logged In	By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	11/11/24	17:00 (0 day TAT)			
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location ma	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes				
5. Were a	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi				Cor	nmen	ts/Resolution
Sample T	urn Around Time (TAT)	511.				-	
	COC indicate standard TAT, or Expedited TAT?		Yes		Per client. If TPH	> 2.5	500 or
	•		103		DRO+DRO>1,00		
Sample C	sample cooler received?		Yes			uo m	ot run other tests.
	was cooler received in good condition?		Yes				
• ,	e sample(s) received intact, i.e., not broken?						
			Yes				
	custody/security seals present?		No				
· ·	were custody/security seals intact?		NA				
12. Was th	e sample received on ice? If yes, the recorded temp is 4°C,		Yes				
	Note: Thermal preservation is not required, if samples ar minutes of sampling	e received w/i 15					
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	S				
Sample C		- F	_				
	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'	7	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lat	· · ·	iois conceica.	105				
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
D	ate/Time Collected?		Yes				
C	ollectors name?		No				
	<u>reservation</u>						
	the COC or field labels indicate the samples were pr	reserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved n	netals?	No				
<u>Multipha</u>	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	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborato	ry?	No				
	subcontract laboratory specified by the client and it	•	NA	Subcontract Lab	o: NA		
Client Ir	estruction						
CHCHT	isti uction						

Date

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

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





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Practical Solutions for a Better Tomorrow

Analytical Report

Devon Energy - Carlsbad

Project Name: Spica 25 Fed 4H

Work Order: E411100

Job Number: 01058-0007

Received: 11/9/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/19/24

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

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

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

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

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

Date Reported: 11/19/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E411100

Date Received: 11/9/2024 10:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/9/2024 10:00:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H 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

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Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS07 @ 0'	5
FS16 @ 0'	6
FS23 @ 0'	7
FS24 @ 0'	8
FS26 @ 0'	9
FS27 @ 0'	10
FS48 @ 0'	11
FS52 @ 0'	12
FS94 @ 1'	13
QC Summary Data	14
QC - Volatile Organic Compounds by EPA 8260B	14
QC - Nonhalogenated Organics by EPA 8015D - GRO	15
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	16
QC - Anions by EPA 300.0/9056A	17
Definitions and Notes	18
Chain of Custody etc	19

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Donoutoda
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/19/24 10:15

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS07 @ 0'	E411100-01A	Soil	11/07/24	11/09/24	Glass Jar, 2 oz.
FS16 @ 0'	E411100-02A	Soil	11/07/24	11/09/24	Glass Jar, 2 oz.
FS23 @ 0'	E411100-03A	Soil	11/07/24	11/09/24	Glass Jar, 2 oz.
FS24 @ 0'	E411100-04A	Soil	11/07/24	11/09/24	Glass Jar, 2 oz.
FS26 @ 0'	E411100-05A	Soil	11/07/24	11/09/24	Glass Jar, 2 oz.
FS27 @ 0'	E411100-06A	Soil	11/07/24	11/09/24	Glass Jar, 2 oz.
FS48 @ 0'	E411100-07A	Soil	11/07/24	11/09/24	Glass Jar, 2 oz.
FS52 @ 0'	E411100-08A	Soil	11/07/24	11/09/24	Glass Jar, 2 oz.
FS94 @ 1'	E411100-09A	Soil	11/07/24	11/09/24	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/19/2024 10:15:20AM

FS07 @ 0' E411100-01

		2111100 01					
Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2446013
Benzene	ND	0.0250		1	11/11/24	11/14/24	
Ethylbenzene	ND	0.0250		1	11/11/24	11/14/24	
Toluene	ND	0.0250		1	11/11/24	11/14/24	
o-Xylene	ND	0.0250		1	11/11/24	11/14/24	
p,m-Xylene	ND	0.0500		1	11/11/24	11/14/24	
Total Xylenes	ND	0.0250		1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		107 %	70-130		11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		11/11/24	11/14/24	
Surrogate: Toluene-d8		101 %	70-130		11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: RKS		Batch: 2446013
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		107 %	70-130		11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130		11/11/24	11/14/24	
Surrogate: Toluene-d8		101 %	70-130		11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	2830	25.0		1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	1170	50.0		1	11/12/24	11/13/24	
Surrogate: n-Nonane		96.2 %	50-200		11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: JM		Batch: 2446143
Chloride	2190	40.0		2	11/15/24	11/15/24	
Chioriac	2170	40.0		_	11.10.2.	11.10.21	



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo11/19/2024 10:15:20AM

FS16 @ 0' E411100-02

	_	Reporting	_			
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2446013
Benzene	ND	0.0250	1	11/11/24	11/14/24	
Ethylbenzene	ND	0.0250	1	11/11/24	11/14/24	
Toluene	ND	0.0250	1	11/11/24	11/14/24	
o-Xylene	ND	0.0250	1	11/11/24	11/14/24	
p,m-Xylene	ND	0.0500	1	11/11/24	11/14/24	
Total Xylenes	ND	0.0250	1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		107 %	70-130	11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	11/11/24	11/14/24	
Surrogate: Toluene-d8		104 %	70-130	11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: RKS	Batch: 2446013	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		107 %	70-130	11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	11/11/24	11/14/24	
Surrogate: Toluene-d8		104 %	70-130	11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	76.3	25.0	1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/13/24	
Surrogate: n-Nonane		96.9 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM		Batch: 2446143
Chloride	2180	40.0	2	11/15/24	11/15/24	



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo11/19/2024 10:15:20AM

FS23 @ 0' E411100-03

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2446013
Benzene	ND	0.0250	1	11/11/24	11/14/24	
Ethylbenzene	ND	0.0250	1	11/11/24	11/14/24	
Toluene	ND	0.0250	1	11/11/24	11/14/24	
o-Xylene	ND	0.0250	1	11/11/24	11/14/24	
p,m-Xylene	ND	0.0500	1	11/11/24	11/14/24	
Total Xylenes	ND	0.0250	1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		103 %	70-130	11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	11/11/24	11/14/24	
Surrogate: Toluene-d8		105 %	70-130	11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS	Batch: 2446013	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		103 %	70-130	11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	11/11/24	11/14/24	
Surrogate: Toluene-d8		105 %	70-130	11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	657	25.0	1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	525	50.0	1	11/12/24	11/13/24	
Surrogate: n-Nonane		97.4 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM		Batch: 2446143
Chloride	2130	40.0	2	11/15/24	11/15/24	



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo11/19/2024 10:15:20AM

FS24 @ 0' E411100-04

	_	Reporting	_			
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS	Batch: 2446013	
Benzene	ND	0.0250	1	11/11/24	11/14/24	
Ethylbenzene	ND	0.0250	1	11/11/24	11/14/24	
Toluene	ND	0.0250	1	11/11/24	11/14/24	
o-Xylene	ND	0.0250	1	11/11/24	11/14/24	
p,m-Xylene	ND	0.0500	1	11/11/24	11/14/24	
Total Xylenes	ND	0.0250	1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		105 %	70-130	11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	11/11/24	11/14/24	
Surrogate: Toluene-d8		105 %	70-130	11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: RKS	Batch: 2446013	
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		105 %	70-130	11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130	11/11/24	11/14/24	
Surrogate: Toluene-d8		105 %	70-130	11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	194	25.0	1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	240	50.0	1	11/12/24	11/13/24	
Surrogate: n-Nonane		99.2 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM		Batch: 2446143
Chloride	1140	20.0	1	11/15/24	11/15/24	



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo11/19/2024 10:15:20AM

FS26 @ 0' E411100-05

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: RKS		Batch: 2446013
Benzene	ND	0.125	5	11/11/24	11/14/24	
Ethylbenzene	ND	0.125	5	11/11/24	11/14/24	
Toluene	ND	0.125	5	11/11/24	11/14/24	
o-Xylene	ND	0.125	5	11/11/24	11/14/24	
p,m-Xylene	ND	0.250	5	11/11/24	11/14/24	
Total Xylenes	ND	0.125	5	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		108 %	70-130	11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	11/11/24	11/14/24	
Surrogate: Toluene-d8		102 %	70-130	11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Batch: 2446013		
Gasoline Range Organics (C6-C10)	ND	100	5	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		108 %	70-130	11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	11/11/24	11/14/24	
Surrogate: Toluene-d8		102 %	70-130	11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	3460	50.0	2	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	2190	100	2	11/12/24	11/13/24	
Surrogate: n-Nonane		91.9 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: JM		Batch: 2446143



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo11/19/2024 10:15:20AM

FS27 @ 0' E411100-06

	_	Reporting	_				
Analyte	Result	Limit	Dilut	tion Prepa	ared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2446013	
Benzene	ND	0.0250	1	11/11	1/24	11/14/24	
Ethylbenzene	ND	0.0250	1	11/11	1/24	11/14/24	
Toluene	ND	0.0250	1	11/11	1/24	11/14/24	
o-Xylene	ND	0.0250	1	11/11	1/24	11/14/24	
p,m-Xylene	ND	0.0500	1	11/11	1/24	11/14/24	
Total Xylenes	ND	0.0250	1	11/11	1/24	11/14/24	
Surrogate: Bromofluorobenzene		108 %	70-130	11/11	1/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	11/11	1/24	11/14/24	
Surrogate: Toluene-d8		104 %	70-130	11/11	1/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS	Batch: 2446013		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11	1/24	11/14/24	
Surrogate: Bromofluorobenzene		108 %	70-130	11/11	1/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		93.6 %	70-130	11/11	1/24	11/14/24	
Surrogate: Toluene-d8		104 %	70-130	11/11	1/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2446038
Diesel Range Organics (C10-C28)	181	25.0	1	11/12	2/24	11/13/24	
Oil Range Organics (C28-C36)	168	50.0	1	11/12	2/24	11/13/24	
Surrogate: n-Nonane		98.6 %	50-200	11/12	2/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: JM			Batch: 2446143
· · · · · · · · · · · · · · · · · · ·							



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo11/19/2024 10:15:20AM

FS48 @ 0' E411100-07

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepar	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: RKS	Batch: 2446013	
Benzene	ND	0.0250	1	11/11/2	24 11/14/24	
Ethylbenzene	ND	0.0250	1	11/11/2	24 11/14/24	
Toluene	ND	0.0250	1	11/11/2	24 11/14/24	
o-Xylene	ND	0.0250	1	11/11/2	24 11/14/24	
p,m-Xylene	ND	0.0500	1	11/11/2	24 11/14/24	
Total Xylenes	ND	0.0250	1	11/11/2	24 11/14/24	
Surrogate: Bromofluorobenzene		103 %	70-130	11/11/2	24 11/14/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	11/11/2	24 11/14/24	
Surrogate: Toluene-d8		104 %	70-130	11/11/2	24 11/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Batch: 2446013		
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/2	24 11/14/24	
Surrogate: Bromofluorobenzene		103 %	70-130	11/11/2	24 11/14/24	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	11/11/2	24 11/14/24	
Surrogate: Toluene-d8		104 %	70-130	11/11/2	24 11/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	39.1	25.0	1	11/12/2	24 11/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/2	24 11/13/24	
Surrogate: n-Nonane		97.1 %	50-200	11/12/2	24 11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: JM		Batch: 2446143
Chloride	2760	40.0	2	11/15/2	24 11/15/24	



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo11/19/2024 10:15:20AM

FS52 @ 0' E411100-08

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: RKS			Batch: 2446013
Benzene	ND	0.0250		1	11/11/24	11/14/24	
Ethylbenzene	ND	0.0250		1	11/11/24	11/14/24	
Toluene	ND	0.0250		1	11/11/24	11/14/24	
o-Xylene	ND	0.0250		1	11/11/24	11/14/24	
p,m-Xylene	ND	0.0500		1	11/11/24	11/14/24	
Total Xylenes	ND	0.0250		1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		106 %	70-130		11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		11/11/24	11/14/24	
Surrogate: Toluene-d8		107 %	70-130		11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	ng/kg mg/kg Analyst: RKS			Batch: 2446013		
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		106 %	70-130		11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130		11/11/24	11/14/24	
Surrogate: Toluene-d8		107 %	70-130		11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	85.8	25.0		1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	72.2	50.0		1	11/12/24	11/13/24	
Surrogate: n-Nonane		102 %	50-200		11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: JM		Batch: 2446143
-	158	20.0		1	11/15/24	11/15/24	



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4H6488 7 Rivers HwyProject Number:01058-0007Reported:Artesia NM, 88210Project Manager:Ashley Giovengo11/19/2024 10:15:20AM

FS94 @ 1' E411100-09

		E411100-07					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Allaryte	Result	Limit	Diit	ши	Trepared	Allalyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	RKS		Batch: 2446013
Benzene	ND	0.0250		1	11/11/24	11/14/24	
Ethylbenzene	ND	0.0250	į	1	11/11/24	11/14/24	
Toluene	ND	0.0250		1	11/11/24	11/14/24	
o-Xylene	ND	0.0250		1	11/11/24	11/14/24	
p,m-Xylene	ND	0.0500		1	11/11/24	11/14/24	
Total Xylenes	ND	0.0250		1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		103 %	70-130		11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		11/11/24	11/14/24	
Surrogate: Toluene-d8		104 %	70-130		11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: RKS			Batch: 2446013
Gasoline Range Organics (C6-C10)	ND	20.0	:	1	11/11/24	11/14/24	
Surrogate: Bromofluorobenzene		103 %	70-130		11/11/24	11/14/24	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	70-130		11/11/24	11/14/24	
Surrogate: Toluene-d8		104 %	70-130		11/11/24	11/14/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446038
Diesel Range Organics (C10-C28)	26.0	25.0		1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	ND	50.0	İ	1	11/12/24	11/13/24	
Surrogate: n-Nonane		99.9 %	50-200		11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	JM		Batch: 2446143
Chloride	ND	20.0		1	11/15/24	11/15/24	



Devon Energy - CarlsbadProject Name:Spica 25 Fed 4HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo11/19/2024 10:15:20AM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	50			11/	19/2024 10:15:20AN
	Vo	olatile Organ	ic Compo	unds by EF	A 82601	3			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 (2446013-BLK1)							Prepared: 11	1/11/24 Ana	lyzed: 11/14/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Coluene	ND	0.0250							
-Xylene	ND	0.0250							
,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Gurrogate: Bromofluorobenzene	0.518		0.500		104	70-130			
Gurrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			
LCS (2446013-BS1)							Prepared: 11	1/11/24 Ana	lyzed: 11/14/24
Benzene	2.51	0.0250	2.50		100	70-130			
Ethylbenzene	2.48	0.0250	2.50		99.1	70-130			
Coluene	2.52	0.0250	2.50		101	70-130			
-Xylene	2.55	0.0250	2.50		102	70-130			
,m-Xylene	5.06	0.0500	5.00		101	70-130			
Total Xylenes	7.60	0.0250	7.50		101	70-130			
Gurrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.4	70-130			
Gurrogate: Toluene-d8	0.526		0.500		105	70-130			
LCS Dup (2446013-BSD1)							Prepared: 1	1/11/24 Ana	lyzed: 11/14/24
Benzene	2.49	0.0250	2.50		99.4	70-130	0.841	23	
Ethylbenzene	2.48	0.0250	2.50		99.4	70-130	0.262	27	
Coluene	2.52	0.0250	2.50		101	70-130	0.198	24	
-Xylene	2.57	0.0250	2.50		103	70-130	0.938	27	
,m-Xylene	5.10	0.0500	5.00		102	70-130	0.758	27	
Total Xylenes	7.67	0.0250	7.50		102	70-130	0.819	27	
Gurrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		95.0	70-130			

0.500

105

70-130



Surrogate: Toluene-d8

0.525

Devon Energy - CarlsbadProject Name:Spica 25 Fed 4HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo11/19/2024 10:15:20AM

Nonhalogenated	Organics	by EPA	8015D -	GRO

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 (2446013-BLK1)						Prepared: 11	/11/24 Analyze	ed: 11/14/24
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: Bromofluorobenzene	0.518		0.500	104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500	101	70-130			
Surrogate: Toluene-d8	0.520		0.500	104	70-130			
LCS (2446013-BS2)						Prepared: 11	/11/24 Analyze	ed: 11/14/24
Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	87.1	70-130			
Surrogate: Bromofluorobenzene	0.535		0.500	107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500	97.4	70-130			
Surrogate: Toluene-d8	0.545		0.500	109	70-130			
LCS Dup (2446013-BSD2)						Prepared: 11	/11/24 Analyze	ed: 11/14/24
Gasoline Range Organics (C6-C10)	45.2	20.0	50.0	90.3	70-130	3.63	20	
Surrogate: Bromofluorobenzene	0.542		0.500	108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.488		0.500	97.6	70-130			
Surrogate: Toluene-d8	0.541		0.500	108	70-130			



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	-
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/19/2024 10:15:20AM

Artesia NM, 88210		Project Manager	r: As	hley Gioveng	go			1	1/19/2024 10:15:20AN
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	ORO/			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2446038-BLK1)							Prepared: 1	1/12/24 Ar	alyzed: 11/13/24
Diesel Range Organics (C10-C28)	ND	25.0							
Dil Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	48.1		50.0		96.2	50-200			
LCS (2446038-BS1)							Prepared: 1	1/12/24 Ar	alyzed: 11/13/24
Diesel Range Organics (C10-C28)	224	25.0	250		89.6	38-132			
urrogate: n-Nonane	47.5		50.0		95.0	50-200			
Matrix Spike (2446038-MS1)				Source:	E411108-0)5	Prepared: 1	1/12/24 Ar	alyzed: 11/13/24
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.7	38-132			
urrogate: n-Nonane	49.0		50.0		98.0	50-200			
Matrix Spike Dup (2446038-MSD1)				Source:	E411108-0)5	Prepared: 1	1/12/24 Ar	alyzed: 11/13/24
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.5	38-132	1.98	20	
'urrogate: n-Nonane	51.0		50.0		102	50-200			

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number		Spica 25 Fed 4F 01058-0007	ł				Reported:
Artesia NM, 88210		Project Manager	r: /	Ashley Gioveng	go				11/19/2024 10:15:20AM
		Anions	by EPA	300.0/9056	A				Analyst: JM
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2446143-BLK1)							Prepared: 11	1/15/24 A	nalyzed: 11/15/24
Chloride	ND	20.0							
LCS (2446143-BS1)							Prepared: 11	1/15/24 A	nalyzed: 11/15/24
Chloride	252	20.0	250		101	90-110			
LCS Dup (2446143-BSD1)							Prepared: 11	1/15/24 A	nalyzed: 11/15/24
Chloride	251	20.0	250		101	90-110	0.0409	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:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/19/24 10:15

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



<u> </u>	_ of _	<u> </u>
		eceived by
CRA		OCD: E
N		2/20/

	Clie	nt Inform	ation			Invoice Informati	on				La	b Us	e On	ly				TAT			State	a
Client: D	levon				Cc	mpany: Devon Energy		L	ab W	/0#			Job	Num	ber		1D	2D 3	D Std	NM	CO UT	TX
Project:		pica 25 F	ed 4H		_	Idress: 5315 Buena Vista D	r		=41				110	228	·W	To			X	X		
	Manager: Asl					ty, State, Zip: Carlsbad NM			- 11		V			0.0		-						
	3122 Nation					one: (575)689-7597	100220		Г		_	_	Ana	lysis	and	Met	hod			EP	A Progra	m
	e, Zip: Carls					nail: jim.raley@dvn.com				-1		-	7	1,515	-					SDWA	CWA	RCRA
	575-988-005		00220				_	_												JUVA	Citi	Henry
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Email: a	giovengo@e	nsolum.c	Om							015	015			lua l						PWSID#	e 1	01 11
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Numb	per	DRO/ORO by 8015	GRO/DRO by 8015	втех ьу	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Kemarks	
1206	11/7/2024	S	1	FSO	07 (0'		1							х							
1115	11/7/2024	S	1	F51	6 6	0'		2							X							
1204	11/7/2024	S	1	F52	3 0			3							Х							
1208	11/7/2024	S	1	FS 2		0'		4							Х							
1202	11/7/2024	S	1	FS Z	60	0'		5							Х							
1122	11/7/2024	S	1	FSZ	7 @	0'		6							X					.1		
1135	11/7/2024	S	1	F54	8 @	0'		7							х							
1137	11/7/2024	S	1	F55	20	o'		8							х							
0910	11/7/2024	S	1	F59	101			9							х							
			7																			
	nal Instructions ns@ensolum					agiovengo@ensolum.com	n, jim.raley	@dvn. RUSH				la@e	enso	lum.	com,	chai	milto	n@ens	solum.c	om,		
I, (field sam	pler), attest to the :_Higinio Gonzale	e validity and	authenticity	of this samp	le. I am aware tha	t tampering with or intentionally mis	labeling the sa	mple loca	ation, c	date o	or time	e of co	llectio	n is co	nsider	ed frau	ıd and ı	may be g	rounds for	legal action.		
	ed by: (Signatu		Date		Time	Received by: (Signature)	n Date		Īτ	ime					Sampl	les requ	iring the	ermal pres	ervation m	st be received	on ice the da	y they are
Neilliquisti	eu.by Laighatu	(6)	75.75.65	08-24	11:45	Received by: (Signature)	elec 15	824		16	45				sampl	ed or re	eceived p	oacked in i	ce at an av	temp above 0	but less than	6 °C on
100	ed by (Signatu	2-1	Date	0001	Time	Received by: (Signature)	Date		Т	ime	70				subse	quent d	lavs		Lab H	e Only		
Kelinquish	hele	je) onen		724	1645	Received by: (Signature)	//.	8.2	4/	164	15				Rec	eived	d on i	ce: I	Y)/ N			
-	ed by: (Signatu		Date	8.24	Time 7240	Received by: Kinhature Mo	- Date	.9.20	4	ime (0)	00				<u>T1</u>	208.07	3-2371	_ I	2		<u>T3</u>	
Relinquish	ed by: (Signatu	re)	Date		Time	Received by: (Signature)	Date		Ţ	ime							np °C	4				
	trix: S - Soil, Sd - S							tainer														
						arrangements are made. Hazaro										e clie	nt exp	ense. Th	e report	for the anal	ysis of the	above



envirotecises the report for the analysis of the above

envirotech Inc.

Printed: 11/11/2024 10:23:51AM

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:	11/09/24	10:00		Work Order ID:	E411100
Phone:	(505) 382-1211	Date Logged In:	11/09/24	11:37		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:		17:00 (4 day TAT)		<i>cc</i> ,	
Chain of	Custody (COC)						
1. Does th	ne sample ID match the COC?		Yes				
2. Does th	ne number of samples per sampling site location man	tch the COC	Yes				
3. Were sa	amples dropped off by client or carrier?		Yes	Carrier: C	Courier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	_			
5. Were al	Il samples received within holding time?		Yes				
	Note: Analysis, such as pH which should be conducted in	•				Comment	s/Resolution
С1- Л	i.e, 15 minute hold time, are not included in this disucssion.	on.				Comment	5/1CSORUTION
	COC indicate standard TAT, or Expedited TAT?		Yes				
	COC indicate standard TAT, or Expedited TAT?		168				
Sample C	contersion of the cooler received?		Yes				
	was cooler received:						
• /	G		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				
12. Was the	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		Yes				
13. If no v	visible ice, record the temperature. Actual sample	temperature: 4°0	<u> </u>				
Sample C	Container						
	queous VOC samples present?		No				
15. Are V	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				
Field Lab	· · · · · · · · · · · · · · · · · · ·						
	— field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes				
	ollectors name?		No				
	reservation						
	the COC or field labels indicate the samples were pr	reserved?	No				
	ample(s) correctly preserved?	. 1.0	NA				
	filteration required and/or requested for dissolved n	netals?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes,	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab	: NA		
Client In	<u>istruction</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: Spica 25 Fed 4H

Work Order: E411101

Job Number: 01058-0007

Received: 11/9/2024

Revision: 0

Report Reviewed By:

Draft Walter Hinchman Laboratory Director 11/12/24

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: 11/12/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E411101

Date Received: 11/9/2024 10:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/9/2024 10:00:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H 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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Client Representative

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Cell: 505-947-8222

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Envirotech Web Address: www.envirotech-inc.com

Table of Contents

itle Page	1
Cover Page	2
able of Contents	3
cample Summary	4
cample Data	5
FS36 @ 2.5'	5
FS54 @ 3'	6
FS55 @ 4'	7
FS59 @ 2.5'	8
FS60 @ 2.5'	9
FS62 @ 2.5'	10
FS64 @ 2.5'	11
FS66 @ 2.5'	12
FS67 @ 1.5'	13
FS68 @ 1.5'	14
FS69 @ 1.5'	15
FS109 @ 0.5'	16
Definitions and Notes	17
Chain of Custody etc.	18

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Danavtada
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/24 19:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS36 @ 2.5'	E411101-01A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.
FS54 @ 3'	E411101-02A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.
FS55 @ 4'	E411101-03A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.
FS59 @ 2.5'	E411101-04A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.
FS60 @ 2.5'	E411101-05A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.
FS62 @ 2.5'	E411101-06A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.
FS64 @ 2.5'	E411101-07A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.
FS66 @ 2.5'	E411101-08A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.
FS67 @ 1.5'	E411101-09A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.
FS68 @ 1.5'	E411101-10A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.
FS69 @ 1.5'	E411101-11A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.
FS109 @ 0.5'	E411101-12A	Soil	11/06/24	11/09/24	Glass Jar, 2 oz.

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS36 @ 2.5' E411101-01

		E411101-01					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst:	BA		Batch: 2446014
Benzene	ND	0.0250	1	1	11/11/24	11/12/24	
Ethylbenzene	ND	0.0250	1	1	11/11/24	11/12/24	
Toluene	ND	0.0250	1	1	11/11/24	11/12/24	
o-Xylene	ND	0.0250	1	1	11/11/24	11/12/24	
p,m-Xylene	ND	0.0500	1	1	11/11/24	11/12/24	
Total Xylenes	ND	0.0250	1	1	11/11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		98.0 %	70-130		11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg An		Analyst: BA		Batch: 2446014	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130		11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2446043
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/12/24	11/12/24	
Surrogate: n-Nonane		99.5 %	50-200		11/12/24	11/12/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS54 @ 3' E411101-02

Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2446014
Benzene	ND	0.0250	1	11/11/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/11/24	11/12/24	
Toluene	ND	0.0250	1	11/11/24	11/12/24	
o-Xylene	ND	0.0250	1	11/11/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/11/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		97.1 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2446014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2446043
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane		104 %	50-200	11/12/24	11/12/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS55 @ 4' E411101-03

		2111101 00				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	analyst: BA		Batch: 2446014
Benzene	ND	0.0250	1	11/11/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/11/24	11/12/24	
Toluene	ND	0.0250	1	11/11/24	11/12/24	
o-Xylene	ND	0.0250	1	11/11/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/11/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		97.2 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: BA		Batch: 2446014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.9 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2446043
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane		102 %	50-200	11/12/24	11/12/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS59 @ 2.5'

		E411101-04					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2446014
Benzene	ND	0.0250	1	1	11/11/24	11/12/24	
Ethylbenzene	ND	0.0250	1	1	11/11/24	11/12/24	
Toluene	ND	0.0250	1	1	11/11/24	11/12/24	
o-Xylene	ND	0.0250	1	1	11/11/24	11/12/24	
p,m-Xylene	ND	0.0500	1	1	11/11/24	11/12/24	
Total Xylenes	ND	0.0250	1	1	11/11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		97.5 %	70-130		11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2446014
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	11/11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130		11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2446043
Diesel Range Organics (C10-C28)	ND	25.0	1	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	1	11/12/24	11/12/24	
Surrogate: n-Nonane	·	102 %	50-200		11/12/24	11/12/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS60 @ 2.5'

E411101-05

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2446014
Benzene	ND	0.0250		1	11/11/24	11/12/24	
Ethylbenzene	ND	0.0250		1	11/11/24	11/12/24	
Toluene	ND	0.0250		1	11/11/24	11/12/24	
o-Xylene	ND	0.0250		1	11/11/24	11/12/24	
p,m-Xylene	ND	0.0500		1	11/11/24	11/12/24	
Total Xylenes	ND	0.0250		1	11/11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		87.2 %	70-130		11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2446014
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		0.742 %	70-130		11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2446043
Diesel Range Organics (C10-C28)	ND	25.0		1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	<u> </u>	1	11/12/24	11/12/24	
Surrogate: n-Nonane		105 %	50-200		11/12/24	11/12/24	



Surrogate: n-Nonane

Sample Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS62 @ 2.5'

		E411101-06				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2446014
Benzene	ND	0.0250	1	11/11/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/11/24	11/12/24	
Toluene	ND	0.0250	1	11/11/24	11/12/24	
o-Xylene	ND	0.0250	1	11/11/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/11/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		86.1 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2446014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2446043
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	

111 %

50-200

11/12/24

11/12/24



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS64 @ 2.5'

		E411101-07					
Analyte	Result	Reporting Limit		ıtion	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		Analyst	: BA		Batch: 2446014
Benzene	ND	0.0250		1	11/11/24	11/12/24	
Ethylbenzene	ND	0.0250		1	11/11/24	11/12/24	
Toluene	ND	0.0250		1	11/11/24	11/12/24	
o-Xylene	ND	0.0250		1	11/11/24	11/12/24	
p,m-Xylene	ND	0.0500		1	11/11/24	11/12/24	
Total Xylenes	ND	0.0250		1	11/11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130		11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2446014
Gasoline Range Organics (C6-C10)	ND	20.0		1	11/11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130		11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2446043
Diesel Range Organics (C10-C28)	ND	25.0		1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0		1	11/12/24	11/12/24	
Surrogate: n-Nonane		93.1 %	50-200		11/12/24	11/12/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS66 @ 2.5'

		E411101-08				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2446014
Benzene	ND	0.0250	1	11/11/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/11/24	11/12/24	
Toluene	ND	0.0250	1	11/11/24	11/12/24	
o-Xylene	ND	0.0250	1	11/11/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/11/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: BA		Batch: 2446014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2446043
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane		58.9 %	50-200	11/12/24	11/12/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS67 @ 1.5'

		E411101-09				
Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2446014
Benzene	ND	0.0250	1	11/11/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/11/24	11/12/24	
Toluene	ND	0.0250	1	11/11/24	11/12/24	
o-Xylene	ND	0.0250	1	11/11/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/11/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2446014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	А	nalyst: NV		Batch: 2446043
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane		108 %	50-200	11/12/24	11/12/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS68 @ 1.5'

		E411101-10				
Analyte	Result	Reporting Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: BA		Batch: 2446014
Benzene	ND	0.0250	1	11/11/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/11/24	11/12/24	
Toluene	ND	0.0250	1	11/11/24	11/12/24	
o-Xylene	ND	0.0250	1	11/11/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/11/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		87.2 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: BA		Batch: 2446014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2446043
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane		104 %	50-200	11/12/24	11/12/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS69 @ 1.5'

		E411101-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2446014
Benzene	ND	0.0250	1	11/11/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/11/24	11/12/24	
Toluene	ND	0.0250	1	11/11/24	11/12/24	
o-Xylene	ND	0.0250	1	11/11/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/11/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		88.2 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: BA		Batch: 2446014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	11/11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2446043
Diesel Range Organics (C10-C28)	27.4	25.0	1	11/12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/12/24	
Surrogate: n-Nonane		109 %	50-200	11/12/24	11/12/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/2024 7:44:50PM

FS109 @ 0.5'

		E411101-12					
Analyte	Result	Reporting Limit	Dilu	tion Pre	pared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	I	Analyst: BA			Batch: 2446014
Benzene	ND	0.0250	1	11/	11/24	11/12/24	
Ethylbenzene	ND	0.0250	1	11/	11/24	11/12/24	
Toluene	ND	0.0250	1	11/	11/24	11/12/24	
o-Xylene	ND	0.0250	1	11/	11/24	11/12/24	
p,m-Xylene	ND	0.0500	1	11/	11/24	11/12/24	
Total Xylenes	ND	0.0250	1	11/	11/24	11/12/24	
Surrogate: 4-Bromochlorobenzene-PID		87.8 %	70-130	11/.	11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: BA			Batch: 2446014
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/	11/24	11/12/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.6%	70-130	11/.	11/24	11/12/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: NV			Batch: 2446043
Diesel Range Organics (C10-C28)	ND	25.0	1	11/	12/24	11/12/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/	12/24	11/12/24	
Surrogate: n-Nonane		111 %	50-200	11/.	12/24	11/12/24	



Definitions and Notes

ſ	Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
1	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
1	Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/12/24 19:44

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Page	l of	2
	- 3.4	-

	Clie	nt Inform	nation			Invoice Informat	ion				La	b Us	e Or	nly			TAT			State		
Client: D)evon					Company: Devon Energy			Lab WO# Job Number				ber				3D Sto	NM NM	CO UT	TX		
Project:		pica 25 F	ed 4H			Address: 5315 Buena Vista	Dr		E4	111	101		00	58	000	57		-	X	Х		
Project N	/lanager: As	hley Giov	engo			City, State, Zip: Carlsbad NA	И, 88220															
Address:	3122 Natio	nal Parks	Hwy		P	hone: (575)689-7597							Ana	lysis	and	Met	hod			1	A Progra	_
	e, Zip: Carls		88220			Email: jim.raley@dvn.com														SDWA	CWA	RCRA
	575-988-005				M	Miscellaneous: Jim Raley											1				1.0	1
Email: a	giovengo@e	ensolum.c	om							015	015									Compliand	ce Y	or N
_				-	1.1.6	a		_	- 9	by 8	by 8	171	09	0.00	Σ	×	etals			PWSID#		
Town 1				Sami	ple Informa	tion	-	٠, ١, ١, ١, ١, ١, ١, ١, ١, ١, ١, ١, ١, ١,		ORC	ORO	3y 8C	14 82	de 3	5	500	8 N				Remarks	
Time Sampled	Date Sampled	Matrix	No. of Containers	J		Sample ID	Field	Lat Num	ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Kemarks	
0913	11/6/2024	S	1	FS	36 (2.5'	1	1							х							
1000	11/6/2024	S	1	FS.	54 (/		2							X							
0958	11/6/2024	S	1	FS.	55 @	4'		3							Х							
1435	11/6/2024	S	1	FSS	90	2.5'		4	J						х							
1445	11/6/2024	S	1	F56	00	2.5'		5							х							
0909	11/6/2024	S	1		20	2.5'		6							X							
0911	11/6/2024	S	1	F56	40	2.5'		7							x							
1437	11/6/2024	S	1	F56	60	2.5'		8							X							
1439	11/6/2024	S	1	F56	70	1.5'		9							х							
1308	11/6/2024	S	1	F56	,80	1.5'		10)						х							
Addition	al Instruction	ns: Ple	ase CC: cl	ourton@e	nsolum.cor	n, agiovengo@ensolum.co	m, jim.rale	ey@dvn	ı.cor	n, ie	stre	la@	enso	lum.	com,	cha	milto	n@e	nsolum.	com,		
	ns@ensolun							RUSH														
			d authenticity	of this samp	le. I am aware t	hat tampering with or intentionally m	islabeling the	sample loc	cation,	, date	or tim	e of co	llectio	n is co	nsider	ed frau	ud and	may be	e grounds fo	or legal action.		
	_Higinio Gonzal		Ja .		I	las i ii io:	ā Da			T	_	_	1		Isama	lor roat	dring th	ormal n	reconstion r	nust be received	on ice the d:	av they are
Relinquish	ed by: (Signatu	re)	Date //	-08-24	1145	Received by: (Signature)	ales 1	1- X-)(4	Time	145					and the same of the				vg temp above 0		
Relinguish	ed by (Signatu	Pa)	Date	08 01	Time	Received by: (Signature)	Da	te DA	1	Time					subse	avent c	lavs		Labil	Ise Only		
	hele G			824	1645	////	_ //	1.8.2	11	16	41	7			Rec	eive	d on i	ice:	Q1			
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Relinquish	ed by: (Signatu	re)	Date	0 01	Time	Received by: (Signature)	Da	te		Time					AVO	G Ter	np °C	4				
	rix: S - Soil, Sd - S							ntainer							ic, ag	- am	ber gl	ass, v				
Note: Sam	ples are discard	ded 14 days	s after resul	ts are repor	ted unless oth	er arrangements are made. Haza	rdous sample	es will be	retur	rned	to clie	ent or	dispo	sed o	f at th	ne clie	nt exp	ense.	The repor	t for the anal	ysis of the	above
samples is	applicable only	y to those s	amples rec	eived by the	laboratory wi	th this COC. The liability of the lal	boratory is li	mited to	the a	mou	nt pai	d for	on the	repo	rt.							

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Released to Imaging: 1/14/2025 8:28:23 AM

Page _ 2	of
TX	Received by OCD: 12/20/2024 7:36:40
n RCRA)CD: 12/
or N	20/2024
	7:36:40

	Clien	nt Inform	ation			Invoice Information	n				Lab	Jse I	Only				TA	AI		Stat	e
Client: D	evon					Company: Devon Energy		La	ab W	O#			b Nu			1D	2D	3D Std	NM	CO UT	TX
Project:	S	pica 25 F	ed 4H			Address: 5315 Buena Vista Dr		E411101			1	01058.0007		07			Х	X			
Project N	lanager: Asl	nley Giov	engo			City, State, Zip: Carlsbad NM	88220														
	3122 Nation					Phone: (575)689-7597					Α	nalys	s and	Met	hod			EPA Program			
	e, Zip: Carls					Email: jim.raley@dvn.com		- 1		- 1	- 1								SDWA	CWA	RCRA
	75-988-005					Miscellaneous: Jim Raley															
	giovengo@e		om						L	ın l	2								Complian	ce Y	or 1
									5	801	801		0	9		<u></u>			PWSID#		
				Sami	ole Inform	nation				DRO/ORO by 8015	GRO/DRO by 8015		Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					
Time		de car	No. of				0 3	Lab	5	108	NO.		ride	8	100	8				Remarks	5
Sampled	Date Sampled	Matrix	Containers			Sample ID	Field	Lab Numb	er 8	8	SRO		3 8	BGD	CEO	RCR.					
1321	11/6/2024	S	1	ESI	9	@ 1.5'		11						X							
1326	11/6/2024			124	09 (0 1.5		-		+		+	+		-						
1049	22/0/2021	S	1	F51	09 (0.5'		12						X							
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11 C 12 G 1												1	1		l_				1 2000		
						om, agiovengo@ensolum.com	, jim.raley					wen:	solum	.com	, cha	milto	n@e	ensolum.	com,		
, (field samp	ns@ensolum oler), attest to the	validity and	onzalez@ dauthenticity	of this samp	com le. I am awa	re that tampering with or intentionally misl	abeling the sa	mple loca				colle	tion is	onside	red fra	ud and	may b	e grounds fo	r legal action		
Sampled by:	_Higinio Gonzale	z				M. M. 10 10 10 10 10 10 10 10 10 10 10 10 10	-														
Relinquish	ed by: (Signatur	re)	Date	08-24	Time 11:45	Received by: (Signature)	elec 11	8-24	1	114	5			samp	led or r	eceived			ust be received g temp above		
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Mid	relle Gi	marie		7-24	164		//	1.29	1/4	64	7			Red	eive	d on	ice:	0/1	١		
Relinguish	ed by: (Signatur	re)	Date //.	1.74	124/	Regived by: (Signaffice)	//	9.20	1 1	0:0	20			T1				T2		T3	
Relinquish	ed by: (Signatu	re)	Date	0 0	Time	Received by: (Signature)	Date			ime				200		0	_ (4			
Sample Mat	rix: S - Soil, Sd - S	olid. Sø - Slu	dge A - Aque	ous O - Otha	er.		Cor	tainer 1	Type:	g - g	ass, p	- po	y/plas		G Ter			v - VOA			
Motor Com	nles are discare	led 14 days	after recul	te are repor	tod unless	other arrangements are made. Hazard													for the ana	lysis of the	e above

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Printed: 11/11/2024 10:25:56AM

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:	11/09/24	10:00	Work Order ID:	E411101
Phone:	(505) 382-1211	Date Logged In:	11/09/24	11:46	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	11/15/24	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	e number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Couier		
4. Was the	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssi		Yes		<u>Comment</u>	s/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	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			
12. Was the	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	•		-			
	queous VOC samples present?		No			
	OC samples collected in VOA Vials?		NA			
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?		NA			
	on-VOC samples collected in the correct containers'	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lab	· · ·	nois concerca.	105			
	field sample labels filled out with the minimum info	ormation:				
	ample ID?	mation.	Yes			
	ate/Time Collected?		Yes			
C	ollectors name?		No			
Sample P	<u>reservation</u>					
21. Does	the COC or field labels indicate the samples were pr	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			
	does the COC specify which phase(s) is to be analy		NA			
Subcontr	act Laboratory					
-	imples required to get sent to a subcontract laborato	rv?	No			
	subcontract laboratory specified by the client and it	-	NA	Subcontract Lab: NA		
		i so wiio.	1121	Subcontract Lab. 14A		
Chent in	<u>struction</u>					

Page 1 of 1

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: Spica 25 Fed 4H

Work Order: E411108

Job Number: 01058-0007

Received: 11/12/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/20/24

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: 11/20/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 Fed 4H

Workorder: E411108

Date Received: 11/12/2024 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/12/2024 8:15:00AM, under the Project Name: Spica 25 Fed 4H.

The analytical test results summarized in this report with the Project Name: Spica 25 Fed 4H 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

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH08 @ 0'	5
BH08 @ 2'	6
BH08 @ 3'	7
FS01 @ 5'	8
FS02 @ 4'	9
FS03 @ 4'	10
FS04 @ 4'	11
SW08 @ 0-4'	12
SW09 @ 0-5'	13
SW10 @ 0-5'	14
SW11 @ 0-4'	15
QC Summary Data	16
QC - Volatile Organics by EPA 8021B	16
QC - Nonhalogenated Organics by EPA 8015D - GRO	17
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	18
QC - Anions by EPA 300.0/9056A	19
Definitions and Notes	20
Chain of Custody etc	21

Sample Summary

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/24 12:29

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH08 @ 0'	E411108-01A	Soil	11/08/24	11/12/24	Glass Jar, 2 oz.
BH08 @ 2'	E411108-02A	Soil	11/08/24	11/12/24	Glass Jar, 2 oz.
BH08 @ 3'	E411108-03A	Soil	11/08/24	11/12/24	Glass Jar, 2 oz.
FS01 @ 5'	E411108-04A	Soil	11/08/24	11/12/24	Glass Jar, 2 oz.
FS02 @ 4'	E411108-05A	Soil	11/08/24	11/12/24	Glass Jar, 2 oz.
FS03 @ 4'	E411108-06A	Soil	11/08/24	11/12/24	Glass Jar, 2 oz.
FS04 @ 4'	E411108-07A	Soil	11/08/24	11/12/24	Glass Jar, 2 oz.
SW08 @ 0-4'	E411108-08A	Soil	11/08/24	11/12/24	Glass Jar, 2 oz.
SW09 @ 0-5'	E411108-09A	Soil	11/08/24	11/12/24	Glass Jar, 2 oz.
SW10 @ 0-5'	E411108-10A	Soil	11/08/24	11/12/24	Glass Jar, 2 oz.
SW11 @ 0-4'	E411108-11A	Soil	11/08/24	11/12/24	Glass Jar, 2 oz.



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

BH08 @ 0' E411108-01

E411108-01						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2446040
Benzene	ND	0.0250	1	11/12/24	11/17/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/17/24	
Toluene	ND	0.0250	1	11/12/24	11/17/24	
o-Xylene	ND	0.0250	1	11/12/24	11/17/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/17/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/17/24	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2446040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.2 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	204	25.0	1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	141	50.0	1	11/12/24	11/13/24	
Surrogate: n-Nonane		104 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2447014
Chloride	138	20.0	1	11/18/24	11/19/24	

Devon Energy - Carlsbad	Project Name: Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number: 01058-0007	Reported:
Artesia NM, 88210	Project Manager: Ashley Giovengo	11/20/2024 12:29:21PM

BH08 @ 2' E411108-02

		E-11100-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2446040
Benzene	ND	0.0250	1	11/12/24	11/17/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/17/24	
Toluene	ND	0.0250	1	11/12/24	11/17/24	
o-Xylene	ND	0.0250	1	11/12/24	11/17/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/17/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2446040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/13/24	
Surrogate: n-Nonane		106 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2447014
Chloride	164	20.0	1	11/18/24	11/19/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

BH08 @ 3' E411108-03

		L+11100 05				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2446040
Benzene	ND	0.0250	1	11/12/24	11/17/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/17/24	
Toluene	ND	0.0250	1	11/12/24	11/17/24	
o-Xylene	ND	0.0250	1	11/12/24	11/17/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/17/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2446040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.0 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/13/24	
Surrogate: n-Nonane		102 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2447014
Chloride	365	20.0	1	11/18/24	11/19/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

FS01 @ 5' E411108-04

		E411100-04				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2446040
Benzene	ND	0.0250	1	11/12/24	11/17/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/17/24	
Toluene	ND	0.0250	1	11/12/24	11/17/24	
o-Xylene	ND	0.0250	1	11/12/24	11/17/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/17/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2446040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/13/24	
Surrogate: n-Nonane		103 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2447014
Chloride	23.3	20.0	1	11/18/24	11/19/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

FS02 @ 4' E411108-05

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL		Batch: 2446040
ND	0.0250	1	11/12/24	11/17/24	
ND	0.0250	1	11/12/24	11/17/24	
ND	0.0250	1	11/12/24	11/17/24	
ND	0.0250	1	11/12/24	11/17/24	
ND	0.0500	1	11/12/24	11/17/24	
ND	0.0250	1	11/12/24	11/17/24	
	90.3 %	70-130	11/12/24	11/17/24	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2446040
ND	20.0	1	11/12/24	11/17/24	
	91.7 %	70-130	11/12/24	11/17/24	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2446038
ND	25.0	1	11/12/24	11/13/24	
ND	50.0	1	11/12/24	11/13/24	
	102 %	50-200	11/12/24	11/13/24	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2447014
26.3	20.0	1	11/18/24	11/19/24	·
	mg/kg ND ND ND ND ND ND ND ND ND ND 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 MD 20.0 91.7 % mg/kg MD 25.0 ND 50.0 102 % 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 90.3 % 70-130 mg/kg mg/kg Anal ND 20.0 1 91.7 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 102 % 50-200 mg/kg mg/kg Anal	mg/kg mg/kg Analyst: SL ND 0.0250 1 11/12/24 ND 0.0250 1 11/12/24 ND 0.0250 1 11/12/24 ND 0.0250 1 11/12/24 ND 0.0500 1 11/12/24 ND 0.0250 1 11/12/24 mg/kg Mallyst: SL ND 20.0 1 11/12/24 mg/kg mg/kg Analyst: SL ND 11/12/24 mg/kg mg/kg Analyst: NV ND 25.0 1 11/12/24 ND 25.0 1 11/12/24 ND 50.0 1 11/12/24 ND 50.0 1 11/12/24 102 % 50-200 11/12/24 mg/kg mg/kg Analyst: JM	mg/kg mg/kg Analyst: SL ND 0.0250 1 11/12/24 11/17/24 ND 0.0500 1 11/12/24 11/17/24 ND 0.0250 1 11/12/24 11/17/24 mg/kg mg/kg Analyst: SL ND 20.0 1 11/12/24 11/17/24 mg/kg mg/kg Analyst: SL 11/12/24 11/17/24 MD 20.0 1 11/12/24 11/17/24 Mg/kg mg/kg Analyst: NV ND 25.0 1 11/12/24 11/13/24 ND 50.0 1 11/12/24 11/13/24 11/13/24 ND 50.0 1 11/12/24 11/13/24 mg/kg mg/kg Analyst: JM 11/13/24



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

FS03 @ 4' E411108-06

		E411100-00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2446040
Benzene	ND	0.0250	1	11/12/24	11/17/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/17/24	
Toluene	ND	0.0250	1	11/12/24	11/17/24	
o-Xylene	ND	0.0250	1	11/12/24	11/17/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/17/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/17/24	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2446040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/13/24	
Surrogate: n-Nonane		103 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2447014
Chloride	63.5	20.0	1	11/18/24	11/19/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

FS04 @ 4' E411108-07

		E411108-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Maryo	Result	Liiiit	Dilution	Trepared	Maryzed	rotes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2446040
Benzene	ND	0.0250	1	11/12/24	11/17/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/17/24	
Toluene	ND	0.0250	1	11/12/24	11/17/24	
o-Xylene	ND	0.0250	1	11/12/24	11/17/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/17/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2446040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/13/24	
Surrogate: n-Nonane		97.2 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2447014
Chloride	ND	20.0	1	11/18/24	11/19/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

SW08 @ 0-4'

		E411108-08				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2446040
Benzene	ND	0.0250	1	11/12/24	11/17/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/17/24	
Toluene	ND	0.0250	1	11/12/24	11/17/24	
o-Xylene	ND	0.0250	1	11/12/24	11/17/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/17/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/17/24	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2446040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/13/24	
Surrogate: n-Nonane		103 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2447014
Chloride	ND	20.0	1	11/18/24	11/19/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

SW09 @ 0-5'

		E411108-09				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2446040
Benzene	ND	0.0250	1	11/12/24	11/17/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/17/24	
Toluene	ND	0.0250	1	11/12/24	11/17/24	
p-Xylene	ND	0.0250	1	11/12/24	11/17/24	
o,m-Xylene	ND	0.0500	1	11/12/24	11/17/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/17/24	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2446040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/13/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/13/24	
Surrogate: n-Nonane		103 %	50-200	11/12/24	11/13/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2447014
Chloride	ND	20.0	1	11/18/24	11/19/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

SW10 @ 0-5'

		E411108-10				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2446040
Benzene	ND	0.0250	1	11/12/24	11/17/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/17/24	
Toluene	ND	0.0250	1	11/12/24	11/17/24	
o-Xylene	ND	0.0250	1	11/12/24	11/17/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/17/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/17/24	
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2446040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/14/24	
Surrogate: n-Nonane		94.3 %	50-200	11/12/24	11/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2447014
Chloride	ND	20.0	1	11/18/24	11/19/24	



Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

SW11 @ 0-4'

		E411108-11				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2446040
Benzene	ND	0.0250	1	11/12/24	11/17/24	
Ethylbenzene	ND	0.0250	1	11/12/24	11/17/24	
Toluene	ND	0.0250	1	11/12/24	11/17/24	
o-Xylene	ND	0.0250	1	11/12/24	11/17/24	
p,m-Xylene	ND	0.0500	1	11/12/24	11/17/24	
Total Xylenes	ND	0.0250	1	11/12/24	11/17/24	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2446040
Gasoline Range Organics (C6-C10)	ND	20.0	1	11/12/24	11/17/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	11/12/24	11/17/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2446038
Diesel Range Organics (C10-C28)	ND	25.0	1	11/12/24	11/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	11/12/24	11/14/24	
Surrogate: n-Nonane		94.5 %	50-200	11/12/24	11/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2447014
Chloride	ND	20.0	1	11/18/24	11/19/24	



QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		.058-0007 shley Giovengo	o			11	/20/2024 12:29:21PM
Volatile Organics by EPA 8021B Analyst: SL									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2446040-BLK1)							Prepared: 11	1/12/24 Ana	alyzed: 11/17/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130			
LCS (2446040-BS1)							Prepared: 11	1/12/24 Ana	alyzed: 11/17/24
Benzene	4.81	0.0250	5.00		96.1	70-130			
Ethylbenzene	4.62	0.0250	5.00		92.4	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.58	0.0250	5.00		91.6	70-130			
o,m-Xylene	9.41	0.0500	10.0		94.1	70-130			
Total Xylenes	14.0	0.0250	15.0		93.3	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.90		8.00		86.3	70-130			
LCS Dup (2446040-BSD1)							Prepared: 1	1/12/24 Ana	alyzed: 11/17/24
Benzene	4.96	0.0250	5.00		99.2	70-130	3.17	20	
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130	3.36	20	
Toluene	4.88	0.0250	5.00		97.6	70-130	3.16	20	
o-Xylene	4.74	0.0250	5.00		94.8	70-130	3.37	20	
o,m-Xylene	9.71	0.0500	10.0		97.1	70-130	3.20	20	
Total Xylenes	14.5	0.0250	15.0		96.3	70-130	3.26	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

7.65

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

Artesia NM, 88210		Project Manager	r: As	shley Gioveng	go			11/2	0/2024 12:29:21PN
	Non	halogenated	Organics l	by EPA 80	15D - G	RO			Analyst: SL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2446040-BLK1)							Prepared: 1	1/12/24 Analy	yzed: 11/17/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.41		8.00		92.7	70-130			
LCS (2446040-BS2)							Prepared: 1	1/12/24 Analy	zed: 11/17/24
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0		97.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.48		8.00		93.5	70-130			
LCS Dup (2446040-BSD2)							Prepared: 1	1/12/24 Analy	zed: 11/17/24
Gasoline Range Organics (C6-C10)	43.5	20.0	50.0		86.9	70-130	11.5	20	

70-130

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 Fed 4H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/2024 12:29:21PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			1	1/20/2024 12:29:21PM
	Nonhal	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2446038-BLK1)							Prepared: 1	1/12/24 An	alyzed: 11/13/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.1		50.0		96.2	50-200			
LCS (2446038-BS1)							Prepared: 1	1/12/24 An	alyzed: 11/13/24
Diesel Range Organics (C10-C28)	224	25.0	250		89.6	38-132			
Surrogate: n-Nonane	47.5		50.0		95.0	50-200			
Matrix Spike (2446038-MS1)				Source:	E411108-0)5	Prepared: 1	1/12/24 An	alyzed: 11/13/24
Diesel Range Organics (C10-C28)	234	25.0	250	ND	93.7	38-132			
Surrogate: n-Nonane	49.0		50.0		98.0	50-200			
Matrix Spike Dup (2446038-MSD1)				Source:	E411108-0)5	Prepared: 1	1/12/24 An	alyzed: 11/13/24
Diesel Range Organics (C10-C28)	239	25.0	250	ND	95.5	38-132	1.98	20	
Surrogate: n-Nonane	51.0		50.0		102	50-200			



Chloride

Chloride

LCS Dup (2447014-BSD1)

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy Artesia NM, 88210	Project Name: Project Number Project Manage	: 0	pica 25 Fed 4H 1058-0007 shley Gioveng			Reported				
		Anions	by EPA	300.0/9056	4				Analyst: JM	
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes	
Blank (2447014-BLK1)						,	Prepared: 1	1/18/24 A	.nalyzed: 11/19/24	
Chloride	ND	20.0								
LCS (2447014-BS1)							Prepared: 1	1/18/24 A	nalyzed: 11/19/24	

250

250

258

257

20.0

20.0

103

103

90-110

90-110

0.239

Prepared: 11/18/24 Analyzed: 11/19/24

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:	Spica 25 Fed 4H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	11/20/24 12:29

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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Client Information						Invoice Information			Lab Use Only								TAT				State			
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Project M	lanager: Asl	nley Giove	engo			City, State, Z	ip: Carlsbad NM, 882	20	「															
Address:	3122 Nation	nal Parks I	Hwy		<u>P</u>	hone: (575)	689-7597							Analysis and Method						EP	A Progra	m		
City, State	e, Zip: Carls	bad NM, 8	88220		6	mail: jim.ra	aley@dvn.com			Ī												SDWA	CWA	RCRA
Phone: 5	75-988-005	5			М	scellaneous	: Jim Raley			- 1														
Email: ag	ziovengo@ei	nsolum.co	om								8015	8015										Complianc	e Y	or N
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	Sample Information										RO L	g	, 80	826	e 30	N-	20	Me						
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14:25	11/8/2024	S	1			FS02 @ 4'			5							х								
14:28	11/8/2024	s	1			FS03 @ 4'			6							х								
14:30	11/8/2024	S	1		-	FS04 @ 4'			7							х								
14:32	11/8/2024	s	1			SW08 @ 0-4	4'		8							х								
14:34	11/8/2024	S	1			SW09 @ 0-5	5'		9							х								
14:34	11/8/2024	S	1			SW10 @ 0-5	5'		10	>						х								
	al Instructions@ensolum			_	-	agiovengo(@ensolum.com, jim.ra	aley@	dvn.c	om,	iestr	rella(@ens	olun	n.con	n, ch	amil	ton@	ense	olum	.com),		
						at tampering wit	th or intentionally mislabeling	the sam	ple locat	tion, e	date o	r time	of coll	ection i	is cons	idered	fraud	and m	ay be g	ground	s for le	gal action.		
	_Higinio Gonzale								-															
Relinquished by: (Signature) Date Time Received by: (Signature)							file Gonzales	Date	-11-24	4	Time	100	•				es requiring thermal preservation must be received on ice the day they are ed or received packed in ice at an avg temp above 0 but less than 6°C on							
Michelle Gonzales 11-11-24 1545					Received by	: (Signature)	Date	11:12	/	Time	200	0			Rece	eived					se Only			
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applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

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	lanager: Ash					City, State, Zip: C	arlsbad NM, 882	20	_ [•												
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ity, Stat	e, Zip: Carlst	oad NM,	88220			Email: jim.raley@	dvn.com														SDWA	CWA	RCRA		
hone: 5	75-988-0055	<u> </u>				iscellaneous: Jim	Raley																		
mail: a	<u>iovengo@er</u>	<u> isolum.co</u>	om		L			1		1	9 y									-	Complian	e Y	or N		
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	Higinio Gonzale ed by:(Signatur		Date		Time	Received by: (Sign	nature) -	Date		Tir	me		T	-	Sample	es requi	ing the	rmal pre	servatio	n must	be received	on ice the da	y they are		
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applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.



envirotech Inc.

Printed: 11/12/2024 10:27:51AM

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:	11/12/24	08:15	Work Order ID:	E411108
Phone:	(505) 382-1211	Date Logged In:	11/11/24	14:44	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	11/20/24	17:00 (6 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			
3. Were s	amples dropped off by client or carrier?		Yes	Carrier: Courier		
	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 i i.e, 15 minute hold time, are not included in this disucssi	•	Yes		<u>Comment</u>	s/Resolution
Sample 7	Turn Around Time (TAT)					
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes			
Sample (<u>Cooler</u>					
7. Was a	sample cooler received?		Yes			
8. If yes,	was cooler received in good condition?		Yes			
9. Was th	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	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 as minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	Yes			
Sample (Container 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	9	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lal		nois conceica.	105			
	field sample labels filled out with the minimum inf	ormation:				
	ample ID?	omiation.	Yes			
	pate/Time Collected?		Yes			
C	ollectors name?		No			
Sample I	<u>Preservation</u>					
21. Does	the COC or field labels indicate the samples were p	reserved?	No			
22. Are s	ample(s) correctly preserved?		NA			
24. Is lab	filteration required and/or requested for dissolved r	netals?	No			
Multipha	se Sample Matrix					
	the sample have more than one phase, i.e., multipha	ise?	No			
	, does the COC specify which phase(s) is to be anal		NA			
		, 2001	11/21			
	act Laboratory	9	Ma			
	amples required to get sent to a subcontract laborator subcontract laboratory specified by the client and it	-	No NA	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: Spica 25 federal #004H

Work Order: E412113

Job Number: 01058-0007

Received: 12/16/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 12/16/24

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

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

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

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

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

Date Reported: 12/16/24

Ashley Giovengo 6488 7 Rivers Hwy Artesia, NM 88210

Project Name: Spica 25 federal #004H

Workorder: E412113

Date Received: 12/16/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/16/2024 8:00:00AM, under the Project Name: Spica 25 federal #004H.

The analytical test results summarized in this report with the Project Name: Spica 25 federal #004H 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

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 Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
FS72 - 1'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

Sample Summary

Γ	Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	Donoutoda
ı	6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
l	Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/16/24 14:23

Client Sample ID	Lab Sample ID Ma	atrix	Sampled	Received	Container
FS72 - 1'	E412113-01A S	Soil	12/12/24	12/16/24	Glass Jar, 2 oz.



Sample Data

Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/16/2024 2:23:55PM

FS72 - 1' E412113-01

		E412113-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2451005
Benzene	ND	0.0250	1	12/16/24	12/16/24	
Ethylbenzene	ND	0.0250	1	12/16/24	12/16/24	
Toluene	ND	0.0250	1	12/16/24	12/16/24	
o-Xylene	ND	0.0250	1	12/16/24	12/16/24	
p,m-Xylene	ND	0.0500	1	12/16/24	12/16/24	
Total Xylenes	ND	0.0250	1	12/16/24	12/16/24	
Surrogate: 4-Bromochlorobenzene-PID		95.4 %	70-130	12/16/24	12/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2451005
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/16/24	12/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.1 %	70-130	12/16/24	12/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2451001
Diesel Range Organics (C10-C28)	ND	25.0	1	12/16/24	12/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	12/16/24	12/16/24	
Surrogate: n-Nonane		120 %	50-200	12/16/24	12/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2451002
Chloride	ND	20.0	1	12/16/24	12/16/24	

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Devon Energy - Carlsbad	Project Name:	Spica 25 federal #004H	Reported:
6488 7 Rivers Hwy	Project Number:	01058-0007	•
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/16/2024 2:23:55PM

6488 7 Rivers Hwy Artesia NM, 88210		Project Number: Project Manager:		1058-0007 shley Giovengo	0			12	2/16/2024 2:23:55PM
	Volatile Organics by EPA 8021B An								Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451005-BLK1)							Prepared: 12	2/16/24 Ana	alyzed: 12/16/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.22		8.00		90.2	70-130			
LCS (2451005-BS1)							Prepared: 12	2/16/24 Ana	alyzed: 12/16/24
Benzene	5.39	0.0250	5.00		108	70-130			
Ethylbenzene	5.21	0.0250	5.00		104	70-130			
Toluene	5.32	0.0250	5.00		106	70-130			
o-Xylene	5.19	0.0250	5.00		104	70-130			
p,m-Xylene	10.6	0.0500	10.0		106	70-130			
Total Xylenes	15.8	0.0250	15.0		105	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.33		8.00		91.7	70-130			
LCS Dup (2451005-BSD1)							Prepared: 12	2/16/24 Ana	alyzed: 12/16/24
Benzene	5.05	0.0250	5.00		101	70-130	6.53	20	
Ethylbenzene	4.88	0.0250	5.00		97.5	70-130	6.58	20	
Toluene	4.98	0.0250	5.00		99.6	70-130	6.54	20	
o-Xylene	4.87	0.0250	5.00		97.5	70-130	6.25	20	
p,m-Xylene	9.94	0.0500	10.0		99.4	70-130	6.27	20	
Total Xylenes	14.8	0.0250	15.0		98.8	70-130	6.26	20	



Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy	Project Name: Project Number:	Spica 25 federal #004H 01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/16/2024 2:23:55PM

Artesia NM, 88210		Project Manager		shley Gioveng	go.			12/1	6/2024 2:23:55PM
	Non	halogenated (Organics 1	by EPA 801	15D - Gl	RO			Analyst: BA
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451005-BLK1)						I	Prepared: 12	2/16/24 Analy	zed: 12/16/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	70-130			
LCS (2451005-BS2)						I	Prepared: 12	2/16/24 Analy	zed: 12/16/24
Gasoline Range Organics (C6-C10)	43.1	20.0	50.0		86.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00		93.9	70-130			
LCS Dup (2451005-BSD2)						I	Prepared: 12	2/16/24 Analy	zed: 12/16/24
Gasoline Range Organics (C6-C10)	49.6	20.0	50.0		99.2	70-130	14.1	20	

93.2

70-130

QC Summary Data

Devon Energy - CarlsbadProject Name:Spica 25 federal #004HReported:6488 7 Rivers HwyProject Number:01058-0007Artesia NM, 88210Project Manager:Ashley Giovengo12/16/20242:23:55PM

Artesia NM, 88210		Project Manage	r: As	shley Gioveng	go			12	/16/2024 2:23:55PM	
	Nonhalogenated Organics by EPA 8015D - DRO/ORO							Analyst: NV		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2451001-BLK1)							Prepared: 1	2/16/24 Ana	lyzed: 12/16/24	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	57.6		50.0		115	50-200				
LCS (2451001-BS1)							Prepared: 1	2/16/24 Ana	lyzed: 12/16/24	
Diesel Range Organics (C10-C28)	291	25.0	250		116	38-132				
Surrogate: n-Nonane	60.5		50.0		121	50-200				
LCS Dup (2451001-BSD1)							Prepared: 1	2/16/24 Ana	lyzed: 12/16/24	
Diesel Range Organics (C10-C28)	287	25.0	250		115	38-132	1.49	20		
Surrogate: n-Nonane	59.0		50.0		118	50-200				

QC Summary Data

Devon Energy - Carlsbad 6488 7 Rivers Hwy		Project Name: Project Number		pica 25 federa 1058-0007	1 #004H				Reported:
Artesia NM, 88210		Project Manager	r: A	Ashley Gioveng	go			1	2/16/2024 2:23:55PM
		Anions	by EPA	300.0/9056	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2451002-BLK1)							Prepared: 12	2/16/24 An	alyzed: 12/16/24
Chloride	ND	20.0							
LCS (2451002-BS1)							Prepared: 12	2/16/24 An	alyzed: 12/16/24
Chloride	257	20.0	250		103	90-110			
LCS Dup (2451002-BSD1)							Prepared: 12	2/16/24 An	alyzed: 12/16/24
Chloride	259	20.0	250		103	90-110	0.601	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:	Spica 25 federal #004H	
6488 7 Rivers Hwy	Project Number:	01058-0007	Reported:
Artesia NM, 88210	Project Manager:	Ashley Giovengo	12/16/24 14:23

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 1/14/2025 8:28:23 AM

Client Information						Invoice Info	ormation					La	b Us	e On	iy				T/	ΑT			Stat	е	
Client: V	/PX Energy P	Permian, L	LC			Company: WPX Energy Permian, LLC					Lab WO# Job Number								1D 2D 3D Std				NM	CO UT	TX
Project:	Spica 25 Fed	leral #004	<u>iH</u>			Address: 5315 Buena Vista Dr			U	<u>EU</u>	12	<u>'ll'</u>	3	Ω	<u> 128</u>	Q.	67	X				X			
	<u> 1anager: Asl</u>						y, State, Zip: Carlsb	ad NM, 8822	0	[·												
	3122 Nation					Pho	ne: (575)689-7597				L				Ana	lysis	and Method						A Progr		
	e, Zip: Carls		88220			Em	ail: jim.raley@dvn.	com												1			SDWA	CWA	RCRA
	575-988-005 <u>!</u>					Mis	cellaneous: Jim Rale	У																	
Email: a	giovengo@e	nsolum.c	om				-					51	51										Complian	ce Y	or N
<u>.</u>								·			_	8	% 80	12	Q	0.0	2	¥	tals				PWSID #		
				Sam	ple Info	rmatio	on				_	8	80	, 80.	, 826	le 30	Z ·	- 50	Ž						
Time Sampled	Date Sampled	Matrix	No. of Containers				Sample ID		Field	Lab Numb	ber	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals					Remarks	
10:41	12/12/2024	S	1				FS72 - 1'			1							х								
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l, (field samp		validity and	authentici	y of this samp	ie. I am av	vare that	t tampering with or intentio	nally mislabeling	the sar	mple loca	ation,	date	or time	of co	lection	n is cor	nsider	ed frau	d and	may b	e grou	nds for	legal action.		
	_bowarr simmon ed by: (Signatur		Date	·	Time		Received hv. 60 anation) A	Date		·	Time					Sample	es requ	Iring th	ermal p	reserva	rtion mu	ıst be received	on ice the da	y they are
100	2	,		/13/24		,	Michelle G	ongales	11	132	4	b	9)(0						packed	in ice a	t an avg	g temp above 0	but less than	6 °C on
1 VV ic	byggSignatur	onzal	Date		Time	 D	Received by: (Signature)	Date	13.2	24	Time	63	<u></u>				eivec		ce:	Li	ab Us	se Only		
Reinguish	d by: (Signatur	re)	Date	13.24	Time 23	· (Received by: (Signature	Mar	Date	·ller	14	Time	00)			T1				T2	<i>,</i>		Т3	
Relinquish	ed by: (Signatur	re)	Date		Time	<u>~~</u>	Received by: (Signature		Date	<u>., - 0</u>	-/	Time	<u> </u>	-			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Ten	20°C	 	<u></u> /				
Sample Mat	rix: S - Soil, Sd - So	olid. Sg - Slud	ige, A - Agu	eous. O - Othe	l er]		Con	tainer	Type	: g - :	glass.	p - p	l loly/r	olasti	c, ag	- amt	er gi	<u></u> ass, \	/ / - VO	A	Ι		
					_	s other	arrangements are made	. Hazardous sar				_	_										for the anal	ysis of the	above
				-			this COC. The liability of		-						-				•			-		•	



nt expense. The report for the analysis of the above

Printed: 12/16/2024 8:49:51AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	WPX Energy - Carlsbad	Date Received:	12/16/24	08:00		Work Order ID:	E412113
Phone:	(539) 573-4018	Date Logged In:	12/13/24	15:36		Logged In By:	Noe Soto
Email:	ashley.giovengo@wesominc.com	Due Date:	12/16/24	17:00 (0 day TAT)			
Chain of	Custody (COC)						
	the sample ID match the COC?		Yes				
	he number of samples per sampling site location mate	ch the COC					
	amples dropped off by client or carrier?	on the coc	Yes Yes	G : 6			
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	Carrier: C	<u>ourier</u>		
	all samples received within holding time?	icu anaryses:	Yes				
J. WOICE	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		103			Comment	s/Resolution
Sample 7	<u> Furn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample (
	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes				
	Container	iomporarare. 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				
	a trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field La		ers conceica.	103				
•	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	Pate/Time Collected?		Yes				
C	Collectors name?		Yes				
Sample l	Preservation_						
21. Does	the COC or field labels indicate the samples were pro-	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multiphas	e?	No				
27. If yes	, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcont	ract Laboratory						
	amples required to get sent to a subcontract laborator	v?	No				
	a subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	: NA		
	nstruction						

Date

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

Received by OCD: 12/20/2024 7:36:40 AM

Chain of Custody

									-											
	Clier	nt Inform	ation			Invoice Information				1	ab Us	se On	tly				TAT		State	
Client: 🚜	PX-Energy P	ermian, l	HC-	DEVOY	Co	mpany: WPX Energy Permia	n, LLC		b W			dot	Num	ber		1D 3	2D 3D	Std	NM CO UT TX	
Project:	Spica 25 Fed	eral #004	1H		Ad	dress: 5315 Buena Vista Dr		_ E	41	21	3	D	227	·O	71	X			X	
ALC: NO PERSON NAMED IN COLUMN 1	lanager: Ash		Constitution in constitution i			y, State, Zip: Carlsbad NM, 88	3220	_	_											
	3122 Nation					ne: (575)689-7597		-	_	_	1	Ana	lysis	and I	Vieti	nod	_		EPA Program	
	e, Zip: Carlst		88220			ail: jim.raley@dvn.com		_											SDWA CWA RCRA	
	75-988-0055	THE RESERVE THE PERSON NAMED IN			Mis	cellaneous: Jim Raley			1									1	Compliance Y or N	
Email: a	giovengo@er	nsolum.c	om				-		1 2	2015			1 - 1		L				PWSID#	
				Sami	ole Informatio	ng .	_		- 1	by a	1021	760	300.0	Z	×	letal			T WOID II	
Time	No.		No. of	- Jan.,	ore imprime	All constants	P 1	Lab		GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		4	Remarks	
Sampled	Date Sampled	Matrix	Container	3		Sample ID	Field	Lab Numb	er 8	GRO	BE	Š	용	BGD	TCEG	RCR				
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Addition	al instructio	ne: Dio	aso CC.	churton@e	nsolum com	agiovengo@ensolum.com, ji	m raley	@dvn	om	iestre	olla@	enso	lum.	com.	char	nilton	@enso	lum.c	com.	
	ns@ensolum		asc cc.	courtone		agiovengo@ensolamicom, ji	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,					,						
			d authentic	city of this samp	le. I am aware tha	t tampering with or intentionally mislabe	ling the sa	mple locat	ion, da	ate or ti	me of co	ollectio	n is co	nsidere	d frau	d and m	ay be grou	unds for	legal action.	
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Sample Mat	rix: S - Soil, Sd - Se	olid, Sg - Slu	dge, A - Ac	queous, O - Othe	r		Con	tainer T	ype: (g - glas	ss, p -	poly/	plast				ss, v - V	OA AC		
Note: Sam	ples are discard	led 14 days	s after res	sults are repor	ted unless other	arrangements are made. Hazardous	samples	will be re	eturne	ed to cl	ient or	dispo	sed o	f at the					for the analysis of the above	
samples is	applicable only	to those s	amples re	eceived by the	laboratory with	this COC. The liability of the laborate	ory is Ilm	ited to th	e amo	ount pa	ald for	on the	repo	rt.						



envirotech 228



APPENDIX E

NMOCD Correspondence

Attachments:

From: Hamlet, Robert, EMNRD

To: Ashley Giovengo

Cc: Cole Burton; Chad Hamilton; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD; Velez, Nelson, EMNRD

Subject: Extension Request - Spica 25 Fed 4H - Incident Number nAPP2409940657

Date: Tuesday, July 9, 2024 8:13:12 AM

image006.png image007.png image008.png

[**EXTERNAL EMAIL**]

RE: Incident #NAPP2409940657

Ashley,

Your request for a 90 day extension to **October 7th, 2024** is approved. Please include this email correspondence in the remediation and/or closure report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us

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



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Monday, July 8, 2024 3:50 PM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Extension Request - Spica 25 Fed 4H - Incident Number nAPP2409940657

From: Ashley Giovengo <a giovengo@ensolum.com>

Sent: Monday, July 8, 2024 11:58 AM

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

Cc: Cole Burton < cburton@ensolum.com >; Chad Hamilton < chamilton@ensolum.com >

Subject: [EXTERNAL] Extension Request - Spica 25 Fed 4H - Incident Number nAPP2409940657

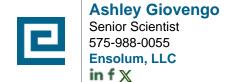
CAUTION: This email originated outside of our organization. Exercise caution prior to

clicking on links or opening attachments.

All,

Devon Production Company (Devon) is requesting an extension for the current deadline of July 07, 2024, for submitting a remediation work plan or closure report required in 19.15.29.12.B. (1) NMAC at the Spica 25 Fed 4H (Incident Number nAPP2409940657). The release occurred on April 07, 2024, and lateral and vertical delineation sampling to the strictest criteria has been completed at the Site. We are currently waiting on approval from the Bureau of Land Management (BLM) for a Sundry Form (Form 3160-5) in order to address the impacted area off-pad (Approximately 43,000 square feet was impacted). Devon intends to complete remediation in accordance with the reclamation standard and to submit a remediation work plan or closure report, immediately upon receiving the laboratory analytical results from confirmation soil sampling activities. Devon respectfully requests a 90-day extension until October 05, 2024. Please let me know if you have any further questions regarding this site.

Thanks,



"Your authenticity is your superpower." – Unknown

From: <u>Hamlet, Robert, EMNRD</u>

To: <u>Chad Hamilton</u>

Cc: Raley, Jim; Ashley Giovengo; Cole Burton; Bratcher, Michael, EMNRD; Wells, Shelly, EMNRD

Subject: (Variance Request Approval) - Confirmation Sampling Variance Request - Devon - Spica 25 Federal #004H -

Incident Number nAPP2409940657

Date: Friday, October 18, 2024 3:31:43 PM
Attachments: image006.png

image007.png image008.png image009.png

[**EXTERNAL EMAIL**]

RE: Incident #NAPP2409940657

Chad,

A variance is approved for 400 ft2 floor confirmation samples. Sidewall confirmation samples should be collected every 200 ft2. Please include this e-mail correspondence in the Remediation Closure Report.

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave.| Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
http://www.emnrd.state.nm.us/OCD/



From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Sent: Friday, October 18, 2024 3:03 PM

To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov> **Cc:** Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>

Subject: FW: [EXTERNAL] Confirmation Sampling Variance Request - Devon - Spica 25 Federal #004H

- Incident Number nAPP2409940657

From: Chad Hamilton < chamilton@ensolum.com>

Sent: Friday, October 18, 2024 2:58 PM

To: Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov>; Raley, Jim < Jim.Raley@dvn.com> **Cc:** Ashley Giovengo < agiovengo@ensolum.com>; Cole Burton < cburton@ensolum.com>

Subject: [EXTERNAL] Confirmation Sampling Variance Request - Devon - Spica 25 Federal #004H - Incident Number nAPP2409940657

You don't often get email from chamilton@ensolum.com. Learn why this is important

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

Hello,

Devon Energy Production Company, LP (Devon) is requesting a confirmation sampling variance at the Spica 25 Federal #004H (Site) (Incident Number nAPP2409940657). On April 7, 2024, a ULPS pop off valve failure in a production tank at the Spica 25 Federal #004H resulted in the release of approximately 69 barrels (bbls) of crude oil; 63 bbls were recovered from the release area. The release impacted an area approximately 60,204 square feet (sq. ft.) in size on Federal Land managed by the Bureau of Land Management (BLM). Devon reported the release to the New Mexico Oil Conservation Division (NMOCD) on April 9, 2024, via web portal and a Sundry was submitted via AFMSS portal to BLM on July 8, 2024. A desktop review for potential site receptors has been completed for this Site and according to the New Mexico Office of the State Engineer (NMOSE), the closest depth to groundwater measurement is NMOSE well CP 01939 POD1 with a reported depth to groundwater measurement greater than 55 feet below ground surface (bgs); the well is within a half-mile radius of the Site and the date of the last recorded measurement was on April 6, 2023. The site is greater than 1,000 ft. to a freshwater well or spring and is not within a 100-year floodplain or overlying a subsurface mine (see Figure 1). The closest significant watercourse is a freshwater pond located approximately 1.56 miles north of the Site. The Site is not underlain by unstable geology (low potential karst designation area) and there are no indicators of surface or subsurface karst features observed at or around the Site. Based on the results of the desktop review, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX 1,000 mg/kg GRO/DRO, 2,500 mg/kg GRO/DRO/ORO and 10,000 mg/kg chloride.

Lateral and vertical delineation sampling has been completed in accordance with the strictest Closure Criteria per NMOCD Table I. Devon would like to request a confirmation sampling variance for excavation floor samples collected every 400 sq. ft. from the floor of the excavation and every 200 sq. ft. from the sidewalls of the excavation where applicable. Devon is scheduled to begin the excavation/reclamation of the off-pad release area on October 21, 2024, and intends to collect confirmation samples following the removal of waste-containing soil from the excavation extent. Devon will submit a remediation work plan or deferral report required in 19.15.29.12.B.(1) NMAC following excavation and confirmation sampling activities. Due to the size of the impacted area, and a reported depth to groundwater greater than 55 ft bgs, Devon believes this *variance request* will provide equal or better protection of public health, the environment. Devon respectfully requests approval for this *variance request* associated with Incident Number (nAPP2409940657).

Thanks.



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

Action 393892

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393892
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source							
Site Name	SPICA 25 FEDERAL #004H						
Date Release Discovered	04/07/2024						
Surface Owner	Federal						

ampling Event General Information						
Please answer all the questions in this group.						
What is the sampling surface area in square feet	60,204					
What is the estimated number of samples that will be gathered	170					
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/22/2024					
Time sampling will commence	09:00 AM					
Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072					
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124					

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CONDITIONS

Action 393892

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393892
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Creat By	d Condition	Condition Date
jrale	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.	10/18/2024

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

QUESTIONS

Action 393895

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393895
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites					
Incident ID (n#)	nAPP2409940657				
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105				
Incident Type	Oil Release				
Incident Status	Remediation Plan Received				
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H				

Location of Release Source						
Site Name	SPICA 25 FEDERAL #004H					
Date Release Discovered	04/07/2024					
Surface Owner	Federal					

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/24/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072	
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124	

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

CONDITIONS

Action 393895

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393895
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created	1 Condition	Condition Date
Ву		
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/18/2024

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

QUESTIONS

Action 393896

QUESTIONS

ı	Operator:	OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	393896
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name SPICA 25 FEDERAL #004H	
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/25/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072	
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124	

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

CONDITIONS

Action 393896

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393896
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created	1 Condition	Condition Date
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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 393898

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393898
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name SPICA 25 FEDERAL #004H	
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/28/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072	
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124	

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CONDITIONS

Action 393898

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393898
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created	1 Condition	Condition Date
Ву		
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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 393899

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393899
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/29/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072	
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124	

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CONDITIONS

Action 393899

CONDITIONS

Operator:	OGRID:
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333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393899
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created	1 Condition	Condition Date
Ву		
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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 393901

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393901
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/30/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072	
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124	

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

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

CONDITIONS

Action 393901

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393901
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created	1 Condition	Condition Date
Ву		
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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

QUESTIONS

Action 393903

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393903
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event Coneral Information		
Sampling Event General Information Please answer all the questions in this group.		
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/23/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072	
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124	

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

CONDITIONS

Action 393903

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393903
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

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

QUESTIONS

Action 393894

QUESTIONS

ı	Operator:	OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	393894
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/23/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072	
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124	

District II

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

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

CONDITIONS

Action 393894

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	393894
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

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

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

QUESTIONS

Action 396227

QUESTIONS

ı	Operator:	OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	396227
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/30/2024	
Time sampling will commence	09:00 AM	
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Please provide any information necessary for navigation to sampling site	32.638048, -103.832124	

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CONDITIONS

Action 396227

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	396227
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created	Condition	Condition Date
Ву		
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/28/2024

<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 397491

QUESTIONS

Operator: OGRID:	
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave. Action Nur	nber:
Oklahoma City, OK 73102	397491
Action Typ	e:
	[NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	60,204
What is the estimated number of samples that will be gathered	170
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/31/2024
Time sampling will commence	09:00 AM

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124

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**

CONDITIONS

Action 397491

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	397491
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/30/2024

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 397499

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	397499
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/01/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072	
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124	

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**

CONDITIONS

Action 397499

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	397499
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created	Condition	Condition Date
Ву		
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/30/2024

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 397500

QUESTIONS

ı	Operator:	OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	397500
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/04/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072	
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124	

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**

CONDITIONS

Action 397500

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	397500
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created	Condition	Condition Date
Ву		
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/30/2024

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

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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 397502

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	397502
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event General Information	
Dease answer all the questions in this group.	
What is the sampling surface area in square feet	60,204
What is the estimated number of samples that will be gathered	170
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/05/2024
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ (940)-923-0072
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124

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

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

CONDITIONS

Action 397502

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	397502
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created	Condition	Condition Date
Ву		
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/30/2024

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

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

QUESTIONS

Action 400230

Q	UESTIONS
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 400230 Action Type: [NOTIFY] Notification Of Sampling (C-141N)
QUESTIONS	[
Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H
Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Please answer all the questions in this group.		
60,204		
170		
11/06/2024		
09:00 AM		
1		

Warning: Notification can not be less than two business days prior to conducting final sampling.

Please provide any information necessary for observers to contact samplers	Please contact Chad Hamilton @ 940-923-0072
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124

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

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

CONDITIONS

Action 400230

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	400230
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created	Condition	Condition
Ву		Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/6/2024

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 400231

QUESTIONS

Operator:		OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP		6137
333 West Sheridan Ave.		Action Number:
Oklahoma City, OK 73102		400231
		Action Type: [NOTIFY] Notification Of Sampling (C-141N)
QUESTIONS		, , , ,
Prerequisites		
Incident ID (n#)	nAPP2409940657	
Incident Name	NAPP2409940657 SP	ICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release	
Incident Status	Remediation Plan App	proved
Incident Well	[30-015-40105] SPICA	25 FEDERAL #004H
	-	
Location of Release Source		
Site Name	SPICA 25 FEDERAL#	004H
Date Release Discovered	04/07/2024	
Surface Owner	Federal	
Sampling Event General Information		
Please answer all the questions in this group.	T	
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/07/2024	
Time sampling will commence	09:00 AM	
Warning: Notification can not be less than two business days prior to conducting final sampling.		
	1	

Please contact Chad Hamilton @ 940-923-0072

32.638048, -103.832124

Please provide any information necessary for observers to contact samplers

Please provide any information necessary for navigation to sampling site

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**

CONDITIONS

Action 400231

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave. Oklahoma City, OK 73102	Action Number: 400231
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

Created	Condition	Condition
Ву		Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/6/2024

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 400232

QUESTIONS

ı	Operator:	OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	400232
ı		Action Type:
ı		[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	60,204	
What is the estimated number of samples that will be gathered	170	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/08/2024	
Time sampling will commence	09:00 AM	
Please provide any information necessary for observers to contact samplers	Please Contact Chad Hamilton @ 940-923-0072	
Please provide any information necessary for navigation to sampling site	32.638048, -103.832124	

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**

CONDITIONS

Action 400232

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	400232
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created	Condition	Condition
Ву		Date
jraley	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	11/6/2024

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 402619

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	402619
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Liner Inspection Event Information	
Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	3,108
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	11/15/2024
Time liner inspection will commence	09:30 AM
Please provide any information necessary for observers to liner inspection	Tank Containment
Please provide any information necessary for navigation to liner inspection site	32.638048, -103.832124

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**

CONDITIONS

Action 402619

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	402619
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

Created	Condition	Condition Date
Ву		
jraley	jraley Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 404434

QUESTIONS

ı	Operator:	OGRID:
ı	DEVON ENERGY PRODUCTION COMPANY, LP	6137
ı	333 West Sheridan Ave.	Action Number:
ı	Oklahoma City, OK 73102	404434
ı		Action Type:
ı		[NOTIFY] Notification Of Liner Inspection (C-141L)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source	
Site Name	SPICA 25 FEDERAL #004H
Date Release Discovered	04/07/2024
Surface Owner	Federal

Liner Inspection Event Information	
Please answer all the questions in this group.	
What is the liner inspection surface area in square feet	3,108
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	11/21/2024
Time liner inspection will commence	09:30 AM
Please provide any information necessary for observers to liner inspection	Tank Containment
Please provide any information necessary for navigation to liner inspection site	32.638048, -103.832124

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 404434

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	404434
	Action Type:
	[NOTIFY] Notification Of Liner Inspection (C-141L)

Created By	Condition	Condition Date
jraley	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	11/18/2024

Sante Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

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

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

QUESTIONS

Action 413993

QUESTIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	413993
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Prerequisites	
Incident ID (n#)	nAPP2409940657
Incident Name	NAPP2409940657 SPICA 25 FEDERAL #004H @ 30-015-40105
Incident Type	Oil Release
Incident Status	Deferral Request Received
Incident Well	[30-015-40105] SPICA 25 FEDERAL #004H

Location of Release Source		
Please answer all the questions in this group.		
Site Name	SPICA 25 FEDERAL #004H	
Date Release Discovered	04/07/2024	
Surface Owner	Federal	

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications i	for the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Production Tank Crude Oil Released: 69 BBL Recovered: 63 BBL Lost: 6 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The leak was caused by a ULPS pop off valve failure in a production tank. The wells were shut in to stop the leak. 69.3 bbls spilled in and outside of containment. 63 bbls recovered.

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 2

Action 413993

QUESTI	ONS (continued)
Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137 Action Number: 413993 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	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.
Initial Response The responsible party must undertake the following actions immediately unless they could create a s	rafety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releate the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require 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 t 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 Date: 10/04/2024

Phone: (505) 629-6116 Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 3

Action 413993

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	413993
	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 approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)	
What method was used to determine the depth to ground water	NM OSE iWaters Database Search	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:		
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)	
Any other fresh water well or spring	Greater than 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)	
A wetland	Between 1 and 5 (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Greater than 5 (mi.)	
Categorize the risk of this well / site being in a karst geology	Low	
A 100-year floodplain	Between 1 and 5 (mi.)	
Did the release impact areas not on an exploration, development, production, or storage site	Yes	

Remediation Plan		
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.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	n 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, in milligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl B)	3020	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	40720	
GRO+DRO (EPA SW-846 Method 8015M)	8810	
BTEX (EPA SW-846 Method 8021B or 8260B)	574	
Benzene (EPA SW-846 Method 8021B or 8260B)	8.4	
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.	d 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	10/21/2024	
On what date will (or did) the final sampling or liner inspection occur	12/12/2024	
On what date will (or was) the remediation complete(d)	12/12/2024	
What is the estimated surface area (in square feet) that will be reclaimed	40969	
What is the estimated volume (in cubic yards) that will be reclaimed	2206	
What is the estimated surface area (in square feet) that will be remediated	19487	
What is the estimated volume (in cubic yards) that will be remediated	1252	
These estimated dates and measurements are recognized to be the best guess or calculation at the	e time of submission and may (be) change(d) over time as more remediation efforts are completed.	

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

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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 413993

QUESTIONS (continued)

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	413993
	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.)		
Yes		
HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]		
Not answered.		
No		

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.

Name: James Raley Title: EHS Professional I hereby agree and sign off to the above statement Email: jim.raley@dvn.com Date: 12/19/2024

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.

Operator:

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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 413993

QUESTIONS (continued)

OGRID:

DEVON ENERGY PRODUCTION COMPANY, LP	6137	
333 West Sheridan Ave.	Action Number:	
Oklahoma City, OK 73102	413993	
	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	Production tanks, VRU, tank containment and pipeline supports	
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	3842	
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	399	
	diately under or around production equipment such as production tanks, wellheads and pipelines where on may be deferred with division written approval until the equipment is removed during other operations, or when	
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	30-015-40105 SPICA 25 FEDERAL #004H	
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 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 cases 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 out does not relieve the operator of responsibility for compliance with any other federal, state, or	
I hereby agree and sign off to the above statement	Name: James Raley Title: EHS Professional Email: jim.raley@dvn.com Date: 12/19/2024	

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

QUESTIONS, Page 6

Action 413993

QUESTIONS ((continued)
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Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	413993
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Sampling Event Information	
Last sampling notification (C-141N) recorded	410466
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/12/2024
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

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 413993

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	413993
	Action Type:
	[C-141] Deferral Request C-141 (C-141-v-Deferral)

Created I	By Condition Condition	Condition Date
rhamle	Devon's deferral requests final remediation for (Incident Number NAPP2409940657) until final reclamation of the well pad or major construction, whichever comes first. Ensolum and Devon do not believe deferment will result in imminent risk to human health, the environment, or groundwater. The impacted soil is the shaded area on figure 4 that is limited to the area immediately beneath the lined containment and active production equipment, where remediation would require a major facility deconstruction. At this time, OCD approves this request. The Deferral Request and C-141 will be accepted for record and placed in the incident file. The release will remain open in OCD database files and reflect an open environmental issue.	