

February 25, 2025

New Mexico Energy Minerals and Natural Resources Department

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Closure Request

Janie Conner Slot 2 Well Pad Harold Melton Well 13

Incident Number nAPP2422623967

Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Matador Production Company (Matador), has prepared this *Closure Request* to document assessment, excavation, and soil sampling activities at the Janie Conner Slot 2 Well Pad Harold Melton Well 13 (Site). The purpose of the Site assessment and soil sampling activities was to assess for the presence or absence of impacts to soil following an equipment failure during fracking operations. Based on field observations, field screening activities, and soil sample laboratory analytical results, Matador is submitting this *Closure Request*, describing Site assessment, excavation, and delineation activities that have occurred and requesting no further action for Incident Number nAPP2422623967.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit H, Section 14, Township 24 South, Range 28 East, in Eddy County, New Mexico (32.22156°, -104.05138°) and is associated with oil and gas exploration and production operations on private land.

On August 12,2024, an equipment failure during fracking operations occurred resulting in the release of 24 bbls of produced water on pad. A vacuum truck was immediately dispatched to recover standing fluid, 20 bbls were recovered. Matador submitted a Release Notification Form C-141 (C-141) on August 13, 2024. The Form C-141 can be referenced on the New Mexico Oil Conservation Division (NMOCD) Portal.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Potential Site receptors are identified on Figure 1.

The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) well C-04828 POD1, located approximately 0.42 miles west of the Site. The well had a reported depth to groundwater greater than 55 feet below ground surface (bgs). There are no regional or Site-specific hydrogeological conditions, such as shallow surface water, karst features,

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wetlands, or vegetation to suggest the Site is conducive to shallower groundwater. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well record is included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is an irrigation canal, located approximately 466 feet 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 (medium 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

On January 13, 2025, Ensolum personnel conducted soil sampling around the Site to assess for the presence or absence of naturally occurring chloride in undisturbed soil horizons. A total of four background samples (BG01 through BG04) were collected in areas that did not appear to be disturbed by oil and gas operations and at depths ranging from ground surface to 3 feet bgs. Background soil sample locations are presented on Figure 2. The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice and transported under strict chain-of-custody procedures to Envirotech Analysis Laboratory (Envirotech) in Farmington, New Mexico, for analysis of the following chemicals of concern (COCs): BTEX following EPA Method 8021B; TPH-GRO, TPH-DRO, and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method 300.0. Field screening results and lithologic observations were logged on lithologic soil sampling logs, which are included in Appendix B.

NMOCD approved a naturally occurring chloride concentration limit, via email on January 31, 2025, of 11,799 mg/kg at ground surface, 3,972 mg/kg at 1-foot bgs, 3,323 mg/kg at 2 feet bgs, and 2,763 mg/kg at 3 feet bgs at the Site (see Appendix E). These concentrations were utilized to laterally and vertically delineate the release in lieu of 600 mg/kg.

SITE ASSESSMENT AND DELINEATION ACTIVITIES

On August 14, August 29, September 9, October 8, October 9, and October 10, 2024, Ensolum personnel visited the Site to evaluate the release extent based on information provided on the Form C-141 and visual observations. Preliminary soil samples SS01 through SS05, SS09, and SS12 were collected at ground surface and 1-foot bgs to assess the lateral extent of the release area. Six boreholes (SS06 through SS08, SS10, SS11, and SS13) were advanced within the release extent to assess the vertical extent of impacted soil; borehole SS10 was advanced to a depth of 4 feet bgs, borehole SS06

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was advanced to a depth of 6 feet bgs, boreholes SS11 and SS13 were advanced to a depth of 8 feet bgs, and boreholes SS07 and SS08 were advanced to a depth of 10 feet bgs.

On February 5, 2025, Ensolum personnel returned to the Site to collect preliminary soil samples SS01A, SS09A, and SS12A at ground surface to better define the lateral extent of the release area utilizing the approved lateral chloride concentration limit. The preliminary soil samples and boreholes were field screened for chloride and TPH utilizing Hatch QuanTab® chloride test strips and a PetroFLAG® Soil Analyzer System, respectively. The release extent and preliminary soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 3. Photographs from delineation and excavation activities can be referenced in the Photolog in Appendix C. Field screening results and observations for the boreholes were logged on lithologic/soil sampling logs, which are included in 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 and transported under strict chain-of-custody procedures to Envirotech for analysis of BTEX, TPH, and chloride.

EXCAVATION AND CONFIRMATION SOIL SAMPLING ACTIVITIES

Beginning on January 13, 2025, impacted soil was excavated from the release area as indicated by visible staining and delineation soil sampling results. Excavation activities were performed using a road grader, backhoe, and belly dump trucks. To direct excavation activities, Ensolum personnel screened soil for chloride and TPH utilizing the processes described above.

Following the removal of impacted soil, Ensolum personnel collected 5-point composite soil samples representing no more than 400 square feet from the floor of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples (FS01 through FS119) were collected from the floor of the excavation ranging in depth from ground surface to 1-foot bgs. A confirmation sampling variance request was submitted on January 13, 2025, to increase the sampling area to every 400 square feet from the floor of the excavation and every 200 square feet from the sidewalls of the excavation, where applicable. The confirmation sampling variance request was approved via email on January 13, 2025 (see Appendix E). The surface scrape was accomplished utilizing a road grader. This equipment did not allow for an even scrape area, causing some sample areas to be uneven and not have definable edges. Areas adjoining the edge of the excavation that extend to 1-foot bgs are included in this as they did not have definable edge and ranged in depth from ground surface to 1-foot bgs. Due to this, sidewall samples were not collected from areas around the excavation extent. The excavation soil samples were collected, handled, and analyzed following the same procedures as described above. The excavation extent and excavation soil sample locations are presented on Figure 4.

The final excavation extent measured approximately 47,485 square feet. A total of approximately 1,120 cubic yards of impacted soil was removed during the excavation activities. The impacted soil was transported and properly disposed of at the Lea Land, LLC and R360 Facility in Hobbs, New Mexico. After completion of confirmation sampling, the excavation areas were secured with fencing.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for preliminary soil samples SS02 through SS05 were all in compliance with the Site Closure Criteria and with the approved chloride variance request at ground surface. Laboratory analytical results for boreholes SS06 through SS08, SS10, SS11, and SS13 indicated all COCs were in

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compliance with the Site Closure Criteria at 1-foot bgs. Laboratory analytical results for boreholes SS11 and SS13 indicated COCs were in compliance with the strictest Closure Criteria per NMOCD Table I at 6 feet bgs, 4 feet bgs in borehole SS10, 9 feet bgs in borehole SS08, and 10 feet bgs in borehole SS07

Laboratory analytical results for excavation floor soil samples (FS01 through FS119) indicated all COC concentrations were compliant with the Site Closure Criteria per NMOCD Table I at depths ranging from ground surface to 1-foot bgs. Laboratory analytical results are summarized in Tables 1, 2, and 3 and the complete laboratory analytical reports are included as Appendix D.

CLOSURE REQUEST

The release extent has been laterally defined in accordance with the approved naturally occurring chloride variance by delineation soil samples SS01A, SS02 through SS05, SS09A, and SS12A, collected at ground surface, and vertically by boreholes SS06 through SS08, SS10, SS11, and SS13, collected at depths up to 10 feet bgs. Excavation of impacted soil was completed, and excavation floor samples FS01 through FS119, collected at depths ranging from ground surface to 1-foot bgs were all in compliance with the Site Closure Criteria.

Based on the remedial actions completed to date and a depth to groundwater greater than 55 feet bgs, Matador believes these remedial actions are protective of human health, the environment, and groundwater and as such, respectfully requests closure for Incident Number nAPP2422623967.

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

Sincerely, **Ensolum, LLC**



Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations
Figure 3 Background Soil Sample Locations
Figure 4 Excavation Soil Sample Locations

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

Appendix A Referenced Well Records

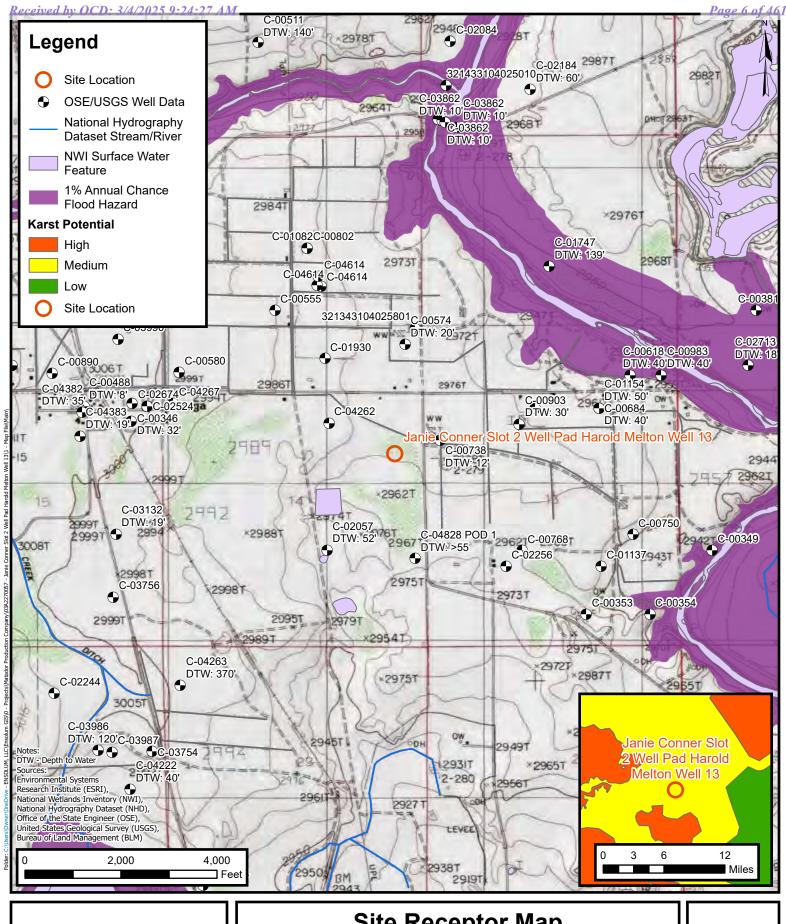
Appendix B Lithologic / Soil Sampling Logs

Appendix C Photographic Log

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

Appendix E NMOCD Notifications



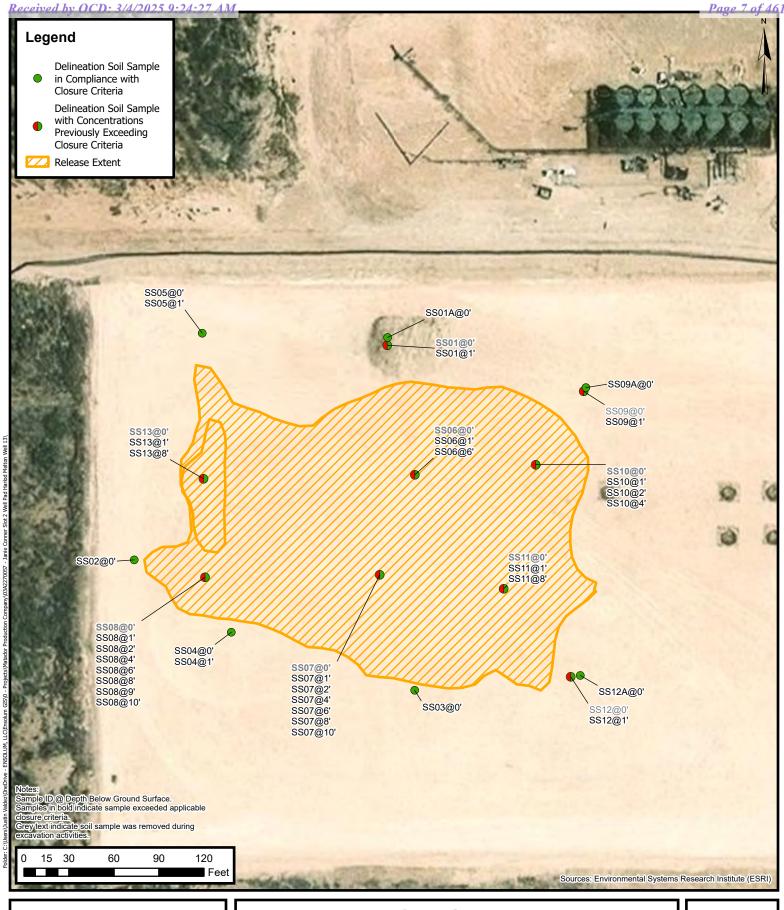




Released to Imaging: 3/12/2025 10:09:53 AM

Site Receptor Map

Matador Production Company Janie Conner Slot 2 Well Pad Harold Melton Well 13 Incident Number: nAPP2422623967 Unit H, Section 14, T 24S, R 28E Eddy County, New Mexico





Delineation Soil Sample Locations

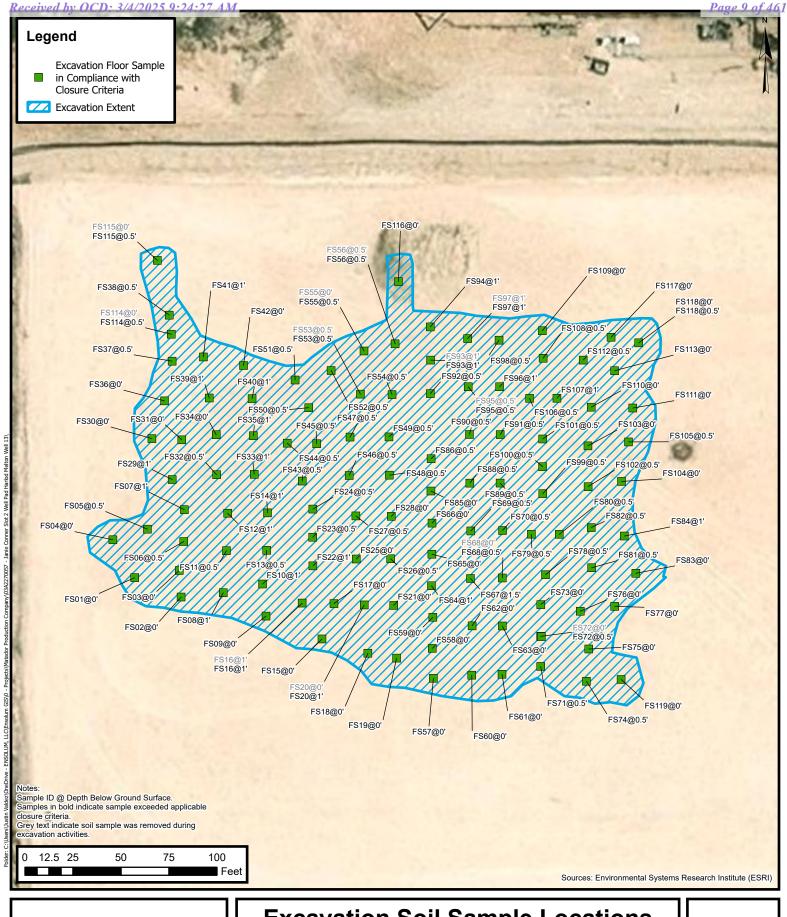
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Background Sample Locations

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Excavation Soil Sample Locations

Matador Production Company
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Incident Number: nAPP2422623967
Unit H, Sec 14, T24S, R28E
Eddy County, New Mexico





SOIL SAMPLE ANALYTICAL RESULTS

	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		
				Delin	eation Soil Sar	nples						
SS01	10/9/2024	0	< 0.0250	< 0.0500	<20.0	170	<50.0	170	170	1,570		
SS01	10/9/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	1,060		
SS01A	2/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	1,090		
SS02	9/4/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	<200		
SS03	9/4/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	285		
SS04	10/9/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	2,860		
SS04	10/9/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	2,390		
SS05	10/9/2024	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	1,860		
SS05	10/9/2024	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	1,260		
SS06	10/9/2024	0	< 0.0250	0.188	<20.0	30,100	23,000	30,100	53,100	20,200		
SS06	10/9/2024	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	2,180		
SS06	10/9/2024	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	424		
SS07	10/9/2024	0	< 0.0250	< 0.0500	<20.0	1,710	1,070	1,710	2,780	3,450		
SS07	10/9/2024	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<50.0	<25.0	3,540		
SS07	1/17/2025	2	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	2,400		
SS07	1/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	2,080		
SS07	1/17/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	2,250		
SS07	1/20/2025	8	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	1,450		
SS07	1/20/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	302		
SS08	10/9/2024	0	< 0.0250	< 0.0500	<20.0	141	188	141	329	1,350		
SS08	10/9/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	3,090		
SS08	1/17/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	3,870		
SS08	1/17/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	3,810		
SS08	1/17/2025	6	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	3,310		
SS08	1/20/2025	8	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	1,520		
SS08	1/20/2025	9	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	458		
SS08	1/20/2025	10	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	249		
SS09	10/9/2024	0	<0.0250	<0.0500	<20.0	165	127	165	292	5,150		
SS09	10/9/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	1,760		
SS09A	2/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	3,740		
SS10	10/9/2024	0	<0.0250	<0.0500	<20.0	2,760	1,840	2,760	4,600	37,700		
SS10	10/9/2024	1	<0.0250	<0.0500	<20.0	59.5	<50.0	59.5	59.5	2,200		
SS10	1/20/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	1,020		
SS10	1/20/2025	4	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	517		



<25.0

300

TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Janie Conner Slot 2 Well Pad Harold Melton Well **Matador Production Company** Eddy County New Mexico

				Eddy	County, New M	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		
Delineation Soil Samples												
SS11	10/9/2024	0	< 0.0250	< 0.0500	<20.0	14,600	42,100	14,600	56,700	37,600		
SS11	10/9/2024	1	<0.0250	<0.0500	<20.0	<25.0	54.8	<20.0	54.8	4,910		
SS11	10/10/2024	8	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	448		
SS12	10/9/2024	0	< 0.0250	< 0.0500	<20.0	50.7	179	50.7	229.7	506		
SS12	10/9/2024	1	<0.0250	<0.0500	<20.0	<25.0	108.0	<20.0	108	2,550		
SS12A	2/5/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	2,550		
SS13	10/9/2024	0	< 0.0250	< 0.0500	<20.0	1,730	<50.0	1,730	1,730	670		
SS13	10/9/2024	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<25.0	4,640		

<20.0

<25.0

Notes:

bgs: below ground surface

SS13

mg/kg: milligrams per kilogram NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

Grey text represents samples that have been excavated

10/10/2024

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

<0.0250

< 0.0500

* 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.

< 50.0

TPH: Total Petroleum Hydrocarbon

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

<20.0

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

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics



SOIL SAMPLE ANALYTICAL RESULTS

Janie Conner Slot 2 Well Pad Harold Melton Well **Matador Production Company Eddy County, New Mexico**

	Lady 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
				Back	ground Soil Sar	nples				
BG01	1/13/2025	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	786
BG01	1/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	697
BG01	1/13/2025	2	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,210
BG01	1/13/2025	3	< 0.0250	< 0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,800
BG02	1/13/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,210
BG02	1/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,770
BG02	1/13/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	3,540
BG02	1/13/2025	3	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,890
BG03	1/13/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	15,100
BG03	1/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	6,860
BG03	1/13/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,710
BG03	1/13/2025	3	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,130
BG04	1/13/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	27,100
BG04	1/13/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,560
BG04	1/13/2025	2	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	3,830
BG04	1/13/2025	3	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,230

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.



SOIL SAMPLE ANALYTICAL RESULTS

	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	ation Floor Soil S	amples						
FS01	1/16/2025	0	<0.0250	<0.0500	<20.0	761	<50.0	761	761	1,860		
FS02	1/16/2025	0	< 0.0250	<0.0500	<20.0	123	57.4	123	180.4	1,780		
FS03	1/16/2025	0	< 0.0250	<0.0500	<20.0	448	509	448	957	4,900		
FS04	1/16/2025	0	<0.0250	<0.0500	<20.0	106	98.8	106	204.8	2,990		
FS05	1/16/2025	0.5	<0.0250	<0.0500	<20.0	97.1	86.7	97.1	183.8	5,650		
FS06	1/16/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	3,910		
FS07	1/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	7,090		
FS08	1/15/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,220		
FS09	1/15/2025	0	<0.0250	<0.0500	<20.0	155	106	155	261	2,320		
FS10	1/15/2025	1	<0.0250	<0.0500	<20.0	28.9	<50.0	28.9	28.9	4,600		
FS11	1/16/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,900		
FS12	1/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	6,690		
FS13	1/16/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,360		
FS14	1/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,470		
FS15	1/15/2025	0	<0.0250	<0.0500	<20.0	51.4	<50.0	51.4	51.4	1,810		
FS16	1/15/2025	1	< 0.0250	< 0.0500	<20.0	48.7	<50.0	48.7	48.7	4,980		
FS16	1/16/2025	1	<0.0250	<0.0500	<20.0	244	147	244	391	4,720		
FS17	1/15/2025	0	<0.0250	<0.0500	<20.0	197	79.0	197	276	3,300		
FS18	1/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,360		
FS19	1/15/2025	0	<0.0250	<0.0500	<20.0	162	78.8	162	240.8	1,740		
FS20	1/15/2025	0	< 0.0250	0.377	<20.0	5,120	65.6	5,120	5,186	1,830		
FS20	2/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,320		
FS21	1/15/2025	0	<0.0250	0.342	20.8	303	138	323.8	461.8	2,690		
FS22	1/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,310		
FS23	1/16/2025	0.5	<0.0250	<0.0500	<20.0	61.7	<50.0	61.7	61.7	6,280		
FS24	1/16/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,730		
FS25	1/15/2025	0	<0.0250	<0.0500	<20.0	301	663.0	301	964	6,670		
FS26	1/17/2025	0.5	<0.0250	<0.0500	<20.0	41.1	139	41.1	180	3,310		
FS27	1/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,420		
FS28	1/15/2025	0	<0.0250	0.0688	<20.0	<25.0	68.8	<20.0	68.8	4,480		
FS29	1/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,700		
FS30	1/17/2025	0	<0.0250	<0.0500	<20.0	107	76.7	107	184	5,700		
FS31	1/17/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	6,400		
FS32	1/16/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	6,630		
1 002	1/10/2023	0.5	\0.0200	~0.0000	\20.0	~20.0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\20.0	\20.0	0,000		



SOIL SAMPLE ANALYTICAL RESULTS

	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	ation Floor Soil S	amples	·					
FS33	1/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	7,330		
FS34	1/16/2025	0	<0.0250	<0.0500	<20.0	91.2	<50.0	91.2	91.2	7,300		
FS35	1/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,860		
FS36	1/17/2025	0	<0.0250	<0.0500	<20.0	206	159	206	365	4,070		
FS37	1/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,520		
FS38	1/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	677		
FS39	1/16/2025	1	<0.0250	<0.0500	<20.0	36.9	<50.0	36.9	36.9	9,210		
FS40	1/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,690		
FS41	1/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,800		
FS42	1/16/2025	0	<0.0250	<0.0500	<20.0	418	58.8	418	476.8	7,020		
FS43	1/16/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,680		
FS44	1/16/2025	0.5	<0.0250	<0.0500	<20.0	60.7	58.8	60.7	120	9,170		
FS45	1/16/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	9,950		
FS46	1/16/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	3,000		
FS47	1/16/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,090		
FS48	1/16/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,350		
FS49	1/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,980		
FS50	1/16/2025	0.5	<0.0250	<0.0500	<20.0	223	<50.0	223	223	2,620		
FS51	1/16/2025	0.5	<0.0250	<0.0500	<20.0	102	<50.0	102	102	5,160		
FS52	1/16/2025	0.5	<0.0250	<0.0500	<20.0	32.9	<50.0	32.9	32.9	4,550		
FS53	1/16/2025	0.5	< 0.0250	<0.0500	<20.0	1,330	1,530	1,330	2,860	4,750		
FS53	2/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,440		
FS54	1/16/2025	0.5	<0.0250	<0.0500	<20.0	52.5	93.3	52.5	146	2,230		
FS55	1/15/2025	0	< 0.0250	< 0.0500	<20.0	742	131.0	742	873	5,120		
FS55	1/16/2025	0.5	<0.0250	<0.0500	<20.0	250	<50.0	250	250	5,870		
FS56	1/16/2025	0.5	<0.0250	0.139	21.6	3,200	68.9	3,222	3,291	5,650		
FS56	2/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,410		
FS57	1/15/2025	0	<0.0250	<0.0500	<20.0	38.4	<50.0	38.4	38.4	1,200		
FS58	1/15/2025	0	<0.0250	0.0265	<20.0	196	<50.0	196	196	1,280		
FS59	1/15/2025	0	<0.0250	<0.0500	<20.0	487	429.0	487	916	1,740		
FS60	1/15/2025	0	<0.0250	<0.0500	<20.0	125	<50.0	125	125	1,460		
FS61	1/15/2025	0	<0.0250	<0.0500	<20.0	85.9	<50.0	85.9	85.9	1,650		



SOIL SAMPLE ANALYTICAL RESULTS

Eddy C	ounty, i	New Mexic	0

	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	ation Floor Soil S	amples						
FS62	1/15/2025	0	<0.0250	<0.0500	<20.0	516	484.0	516	1,000	1,930		
FS63	1/15/2025	0	<0.0250	<0.0500	<20.0	367	57.3	367	424	1,860		
FS64	1/17/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,810		
FS65	1/15/2025	0	<0.0250	<0.0500	<20.0	296	275.0	296	571	6,800		
FS66	1/15/2025	0	<0.0250	<0.0500	<20.0	58.6	<50.0	58.6	58.6	7,350		
FS67	1/17/2025	1.5	<0.0250	<0.0500	<20.0	31.1	<50.0	31.1	31.1	5,160		
FS68	1/15/2025	0	< 0.0250	< 0.0500	<20.0	2,550	10,700.0	2,550	13,250	6,480		
FS68	2/5/2025	0.5	<0.0250	< 0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,490		
FS69	1/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,860		
FS70	1/15/2025	0.5	<0.0250	<0.0500	<20.0	30.7	139.0	30.7	169.7	3,980		
FS71	1/15/2025	0.5	<0.0250	<0.0500	<20.0	30.3	59.8	30.3	90.1	4,380		
FS72	1/15/2025	0	< 0.0250	< 0.0500	<20.0	1,430	62.3	1,430	1,492.30	1,820		
FS72	2/5/2025	0.5	< 0.0250	< 0.0500	<20.0	552	<50.0	552	552	4,310		
FS73	1/15/2025	0	<0.0250	<0.0500	<20.0	657	1,310.0	657	1,957	2,810		
FS74	1/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	66.4	<20.0	66.4	4,650		
FS75	1/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	664.0	<20.0	664	2,080		
FS76	1/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,980		
FS77	1/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,620		
FS78	1/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,400		
FS79	1/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,050		
FS80	1/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,050		
FS81	1/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	4,390		
FS82	1/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,000		
FS83	1/15/2025	0	<0.0250	<0.0500	<20.0	72.5	106.0	72.5	178.5	5,980		
FS84	1/16/2025	1	<0.0250	<0.0500	<20.0	129	129.0	129	258	5,180		
FS85	1/15/2025	0	<0.0250	<0.0500	<20.0	49.1	<50.0	49.1	49.1	6,690		
FS86	1/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	3,230		
FS87	1/15/2025	0	<0.0250	<0.0500	<20.0	566	324.0	566	890	6,820		
FS88	1/15/2025	0.5	<0.0250	<0.0500	<20.0	58.6	68.8	58.6	127.4	3,850		
FS89	1/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	5,190		
FS90	1/16/2025	0.5	<0.0250	<0.0500	<20.0	316	77.0	316	393	4,630		
FS91	1/16/2025	0.5	<0.0250	<0.0500	<20.0	371	<50.0	371	371	6,660		



SOIL SAMPLE ANALYTICAL RESULTS

	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		
		<u> </u>		Excava	tion Floor Soil S	amples						
FS92	1/16/2025	0.5	<0.0250	<0.0500	<20.0	68.7	<50.0	68.7	68.7	1,630		
FS93	1/16/2025	1	< 0.0250	0.212	<20.0	1,670	<50.0	1,670	1,670	1,520		
FS93	2/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	910		
FS94	1/16/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,510		
FS95	1/16/2025	0.5	< 0.0250	< 0.0500	<20.0	1,270	<50.0	1,270	1,270	3,410		
FS95	2/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	958		
FS96	1/16/2025	1	< 0.0250	1.89	59.1	6,130	69.0	6,189	6,258	6,180		
FS96	2/5/2025	1	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,860		
FS97	1/16/2025	1	< 0.0250	< 0.0500	28.8	2,030	<50.0	2,059	2,059	2,970		
FS97	2/5/2025	1	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,700		
FS98	1/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,160		
FS99	1/15/2025	0.5	<0.0250	<0.0500	<20.0	88.6	219.0	88.6	308	4,310		
FS100	1/15/2025	0.5	<0.0250	<0.0500	<20.0	152	281.0	152	433	5,880		
FS101	1/17/2025	0.5	<0.0250	<0.0500	<20.0	266	<50.0	266	266	3,310		
FS102	1/15/2025	0.5	<0.0250	<0.0500	<20.0	70.2	105	70.2	175	4,610		
FS103	1/15/2025	0	<0.0250	<0.0500	<20.0	55.2	<50.0	55.2	55.2	6,810		
FS104	1/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	6,030		
FS105	1/15/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2.66		
FS106	1/17/2025	0.5	<0.0250	<0.0500	<20.0	504	<50.0	504	504	3,000		
FS107	1/16/2025	1	<0.0250	0.0759	<20.0	448	70.4	448	518	4,620		
FS108	1/17/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,320		
FS109	1/15/2025	0	<0.0250	< 0.0500	<20.0	156	<50.0	156	156	5,910		
FS110	1/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,420		
FS111	1/15/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	6,590		
FS112	1/16/2025	0.5	<0.0250	0.102	<20.0	74.0	76.9	74.0	151	1,990		
FS113	1/15/2025	0	<0.0250	<0.0500	<20.0	182	151.0	182	333	3,150		
FS114	1/17/2025	0	<0.0250	<0.0500	<20.0	2,100	4,980	2,100	7,080	1,830		
FS114	2/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,300		
FS115	1/17/2025	0	< 0.0250	< 0.0500	<20.0	5,020	<50.0	5,020	5,020	1,560		
FS115	2/5/2025	0.5	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,040		
FS116	1/17/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,000		
FS117	1/17/2025	0	<0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	1,940		



SOIL SAMPLE ANALYTICAL RESULTS

Janie Conner Slot 2 Well Pad Harold Melton Well
Matador Production Company
Eddy County, New Mexico

	Eduy 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											
FS118	1/17/2025	0	< 0.0250	< 0.0500	<20.0	3,760	<50.0	3,760	3,760	2,250		
FS118	2/5/2025	0.5	< 0.0250	<0.0500	<20.0	88.4	<50.0	88.4	88.4	2,160		
FS119	1/17/2025	0	< 0.0250	<0.0500	<20.0	<25.0	<50.0	<20.0	<20.0	2,570		

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.

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.

GRO: Gasoline Range Organics DRO: Diesel Range Organics ORO: Oil Range Organics



APPENDIX A

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

NO	OSE POD NO. POD 1	(WELL NO.)		WELL TAG ID NO. N/A			OSE FILE NO(S C-04828 PO			
LOCATION	WELL OWNE			1				PHONE (OPTIO	ONAL)		
AND WELL L	WELL OWNER R347 N26th		ADDRESS treet 2nd Floor					CITY Artesia		STATE NM 88210	ZIP
NN N	WELL		DE	GREES	MINUTES	SECON					
	LOCATION	LAT	TITUDE	32	12	56.	N		REQUIRED: ONE TEN	TH OF A SECOND	
GENERAL	(FROM GPS	LON	NGITUDE	104	03	00.			QUIRED: WGS 84		
1. G			G WELL LOCATION TO Cownship 24S, Rang			LANDM <i>A</i>	ARKS – PLS	S (SECTION, TO	WNSHJIP, RANGE) WH	ERE AVAILABLE	
	LICENSE NO.		NAME OF LICENSED						NAME OF WELL DR		
	WD11				ohn Scarborough					rborough Drilling Inc	
	DRILLING ST 06/10/2		DRILLING ENDED 06/10/2024	DEPTH OF CO	MPLETED WELL (FT 55'	T)		LE DEPTH (FT) 55'	DEPTH WATER FIR	ST ENCOUNTERED (FT) N/A	
Z	COMPLETED	WELL IS:	ARTESIAN	✓ DRY HOL	E SHALLOV	W (UNCO	NFINED)		STATIC WATER LEV	EL IN COMPLETED WE N/A	LL (FT)
\TI0	DRILLING FL	UID:	✓ AIR	MUD MUD	ADDITIV	ES – SPEC	IFY:		ı		
RM.	DRILLING ME	ETHOD:	✓ ROTARY	☐ HAMMER	CABLE TO	OOL	ОТНЕ	R – SPECIFY:			
INFC	DEPTH (feet bgl)	BORE HOLE	CASING	MATERIAL AND GRADE	O/OR	CA	SING	CASING	CASING WALL	SLOT
CASING INFORMATION	FROM	FROM TO DIAM (inches)			(include each casing string, and note sections of screen) CONT (add coupl			NECTION YPE ing diameter)	INSIDE DIAM. (inches)	THICKNESS (inches)	SIZE (inches)
	0	55	5.00		Soil Boring			-	-	-	-
DRILLING &											
RILI											
2. D											
	DEPTH (feet bgl)	BORE HOLE	l	ST ANNULAR SE				AMOUNT	МЕТНО	
MAI	FROM	TO	DIAM. (inches)	GRA	VEL PACK SIZE-		BY INTE	RVAL	(cubic feet)	PLACEN	MENT
A TEI					N	N/A					
RM											
ULA											
ANNULAR MATERIAL											
ૡ૽											
EOD	OSE INTERN	JAI HCE						W/D 2/	WELL DECORD	& LOG (Version 04/3	0/10)
ruk	. USE INTEKT	NAL USE						W K-20	U WELL KECUKD (x LUU (version 04/3	U/ エフ)

POD NO.

TRN NO.

WELL TAG ID NO.

PAGE 1 OF 2

FILE NO.

LOCATION

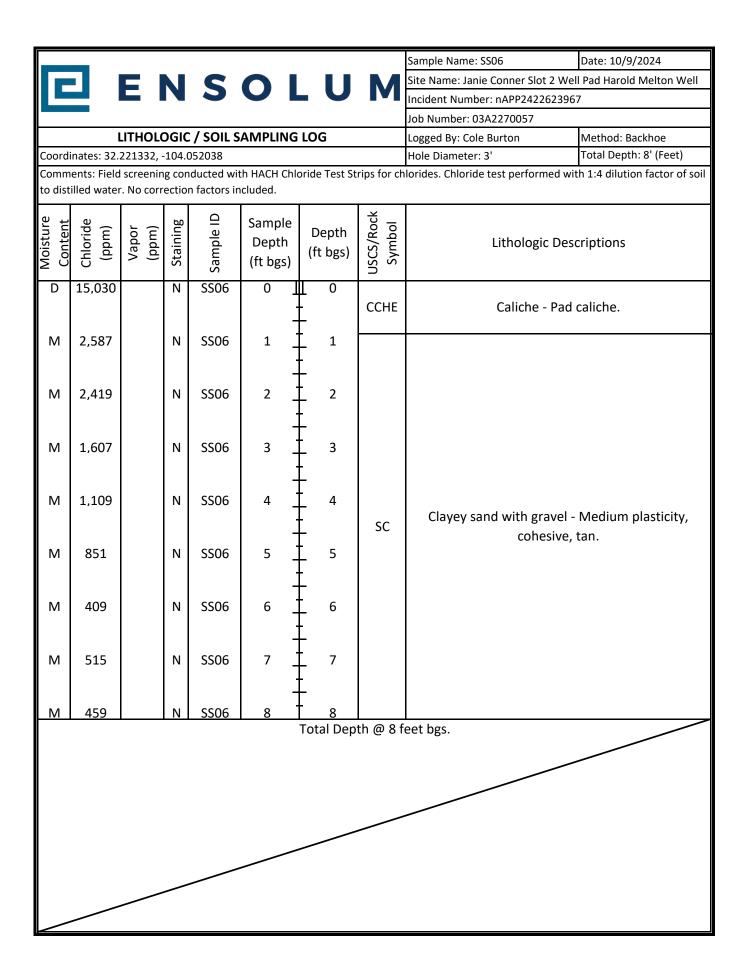
	DEPTH (f	reet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING
	0	10	10	Sand with Gravel, light brown to tan, fine to medium with some gravel	Y ✓ N	ZONES (gpm)
	10	20	10	Sand with Gravel, light brown to tan, fine to medium with some gravel	Y VN	
					Y ✓ N	
	20	30	10	Sand with Gravel, light brown to tan, fine to medium with some gravel		
	30	40	10	Gypsum with Gravel, Clear with pink to black inclusions, fine to coarse wit		
	40	50	10	Gypsum with Gravel, Clear with pink to black inclusions, fine to coarse wit		
TT	50	55	5	Gypsum with Gravel, Clear with pink to black inclusions, fine to coarse wit	_	
4. HYDROGEOLOGIC LOG OF WELL	55	55	0	Gypsum with Gravel, Clear with pink to black inclusions, fine to coarse wit	_	
105					Y N	
07					Y N	
l cic					Y N	
)TO					Y N	
GEC					Y N	
)RO					Y N	
HXI					Y N	
4.					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
	METHOD U	SED TO ES	TIMATE YIELD	OF WATER-BEARING STRATA:	TOTAL ESTIMATED	ı
	PUMI	- □A	IR LIFT	BAILER OTHER – SPECIFY:	WELL YIELD (gpm):	0.00
				San San		
ION	WELL TES	l l		ACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCI ME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVE		
TEST; RIG SUPERVISION	MISCELLA	NEOUS INF	FORMATION:			
PER						
ns s						
. RIC						
EST	PRINT NAM	ME(S) OF DI	DILL DIC SUPER	RVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONS	TRUCTION OTHER TE	HAN I ICENSEE:
5. T	110111111111	iL(b) Of Di	IGLE IGG SOTE	(VISOR(S) THAT I ROVIDED ONSITE SOLERVISION OF WELL COAS	IKOCIION OIILK II	IMIVEICENSEE.
2				IAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FORE WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS		
UR				WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLI		
SIGNATURE	Scott		Digitally signed by Scott			
SIG	Scarboro	ugh 🔎	Scarborough Date: 2024.06.26 07:04:55 06'00'	Scott Scarborough	06/26/2024	
9.				ER / PRINT SIGNEE NAME	DATE	

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Ver	sion 04/30/2019)	
FILE NO.	POD NO.		TRN NO.	
LOCATION		WELL	. TAG ID NO.	PAGE 2 OF 2



APPENDIX B

Lithologic Soil Sampling Logs



								Sample Name: SS07	Date: 1/20/2025		
			N	C		LU	RA	Site Name: Janie Conner Slot 2 We	ll Pad Harold Melton Well		
L			I			Incident Number: nAPP2422623967					
						Job Number: 03A2270057					
		LITHOL	.OGI	C / SOIL S	SAMPLING	Logged By: Chad Hamilton	Method: Backhoe				
Coord	inates: 3	2.221148	3, -104	.052116		Hole Diameter: 2 ft	Total Depth: 10 ft				
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.											
Moisture Content	Chloride (ppm)	ТРН (ррт)	Staining	Sample ID	Sample Depth (ft bgs)	Lithologic Descriptions					
D	5,376		Υ	SS07	0	0					
					_	<u>t</u>	CCHE	Pad Cali	che		
М	2,974		N	SS07	1 -	1					
M M	2,699		N N	SS07	2	2	СН	Sandy Fat Clay - Medium to to Coarse Grain, Moist, Lov Non-Uniform, Ma	w Plasticity, Cohesive,		
М	2,346		N	SS07	4	4					
М	2,699		N		5 <u>-</u>	5					
M	2,346		N	SS07	6 _	6	SC	Clayey Sand with Caliche Gypsum Mix - Medium to Light Brown, Coarse to Fine Grain, Moist, Non- Plastic, Noncohesive, Non-Uniform, Massive, Abrupt	* *		
М	2,195		N		7 _	7	30				
М	1,137		N	SS07	8	8					
М	426		N	SS07	9	9		Sandy Clay with Caliche Gyps	um Mix - White to Grey,		
М	241		N	SS07	10	10 Total Don	SC	Coarse to Fine Grain, Moist, N Non-Uniform, Mas			
Total Depth @ 10 feet bgs.											

								Sample Name: SS08	Date: 1/20/2025			
			N	6		LU	RA	Site Name: Janie Conner Slot 2 We	ll Pad Harold Melton Well			
						Incident Number: nAPP2422623967						
						Job Number: 03A2270057						
		LITHOL	OGI	c / soil s	SAMPLING	Logged By: Chad Hamilton						
Coord						Hole Diameter: 2 ft	Total Depth: 12 ft					
Coordinates: 32.221146, -104.052492 Comments: Field screening conducted with HACH Chloride Test Strips and								PID for chloride and vapor, respect	ively. Chloride test			
perfor	performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs) CS/S/S			Lithologic Descriptions				
D	1,607		Υ	SS08	1	0						
						L	CCHE	Pad Cali	che			
М	4,099		N	SS08	-	F ,						
IVI	4,033		IN	3300	<u>-</u>	1						
М	>3,600		N	SS08	2 _	2						
					- - -	3						
М	>3,600		N	SS08	4	4		Sandy Fat Clay - Madium to	Dark Brown Vory Fine			
М	>3,600		N	SS08	5 _	5	СН	Sandy Fat Clay - Medium to Dark Brown, Ver to Coarse Grain, Moist, Low Plasticity, Cohe Non-Uniform, Massive, Abrupt, Visible Salt C Growth				
М	>3,600		N	SS08	6	6						
М	1,910		N	SS08	7 _	7						
М	1,333		N	SS08	8	8						
М	426		N	SS08	9	9						
М	168		N	SS08	10	10		Clay Sand with Caliche Gyp Light Brown, Coarse to Fin				
М	168		N	SS08	11 _	11	SC	Plastic, Noncohesive, Non-Uniform, Mass Abrupt	n-Uniform, Massive,			
М	202		N	SS08	12	12						

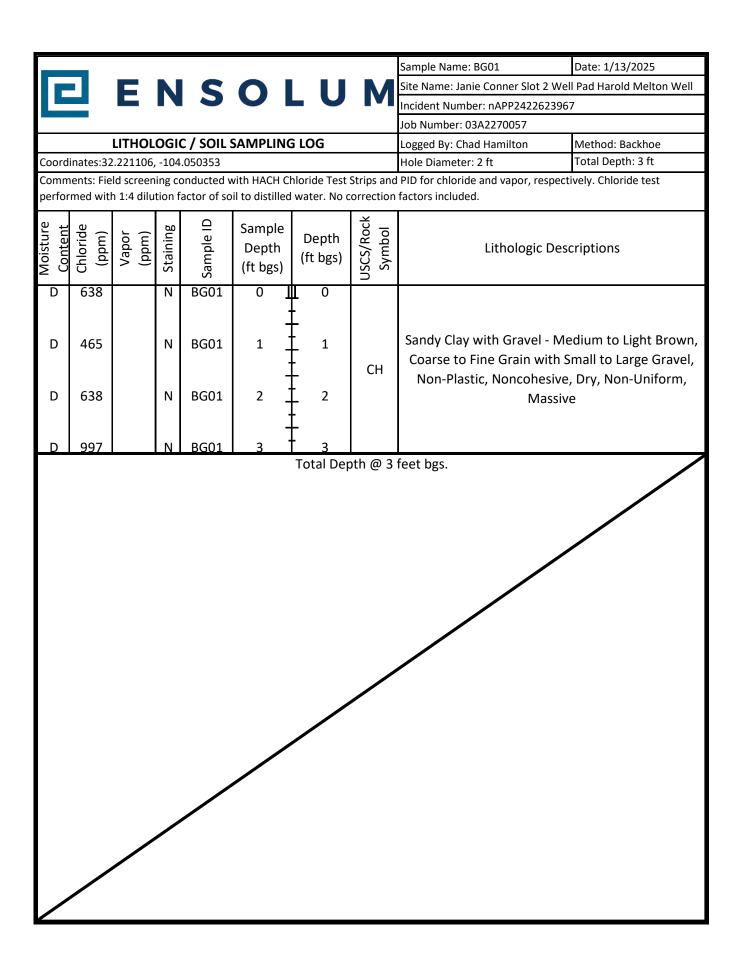
								Sample Name: SS10	Date: 1/20/2025	
			N	6		L U	RA	Site Name: Janie Conner Slot 2	Well Pad Harold Melton Well	
L				3		Incident Number: nAPP2422623967				
						Job Number: 03A2270057				
		LITHOL	.OGI	C / SOIL	SAMPLIN	Logged By: Chad Hamilton	Method: Backhoe			
Coord	inates: 32	2.221348	3, -104	.051777		Hole Diameter: 2 ft	Total Depth: 8 ft			
			_					PetroFLAG for chloride and TPI factors included.	H, respectively. Chloride test	
Moisture Content	Chloride (ppm) Staining Sample ID Debth (tt pgs) USCS/Rock Symbol						Lithologic Descriptions			
D	33,958		Υ	SS10	0	0				
						<u>†</u>	ССНЕ	Pad C	Caliche	
М	2,587		N	SS10	1	<u> </u>				
IVI	/ ۵۵٫		IN	2210	-	‡ †				
М	1,047		N	SS10	2	2				
М			N	SS10		3				
М	427	3	N	SS10	4	4		Grey, Very Fine to Coarse		
М			N	SS10		5	CH	Gravel, Moist, Low Pasticity, Cohesive, Non- Uniform, Massive		
М	427		N	SS10	6	6				
М			N	SS10		7				
М	427		N	SS10		† 				
IVI	44/		IV	SSIU	. ο	Total Dep	oth @ 8	feet bgs.		

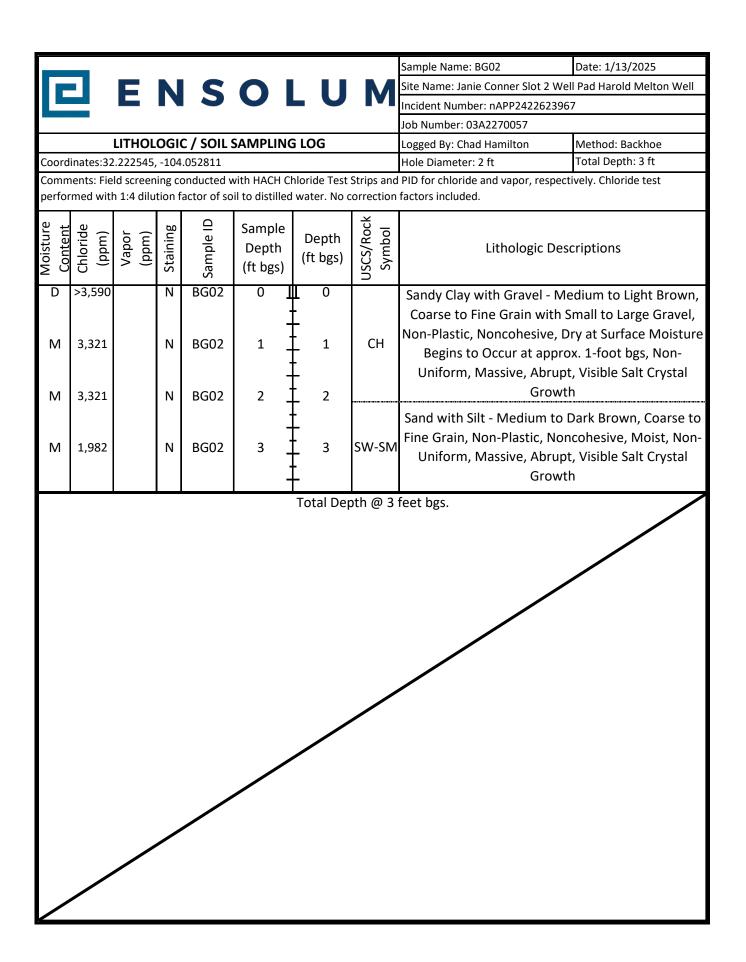


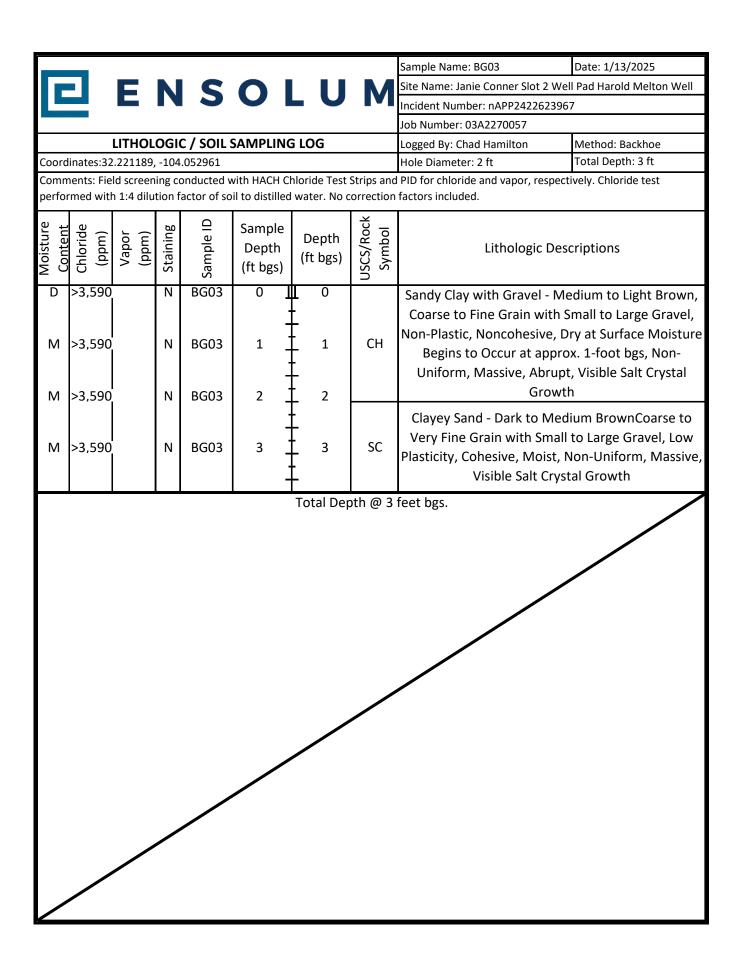
Comments: Field screening conducted with HACH Chloride Test Strips for chlorides. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.

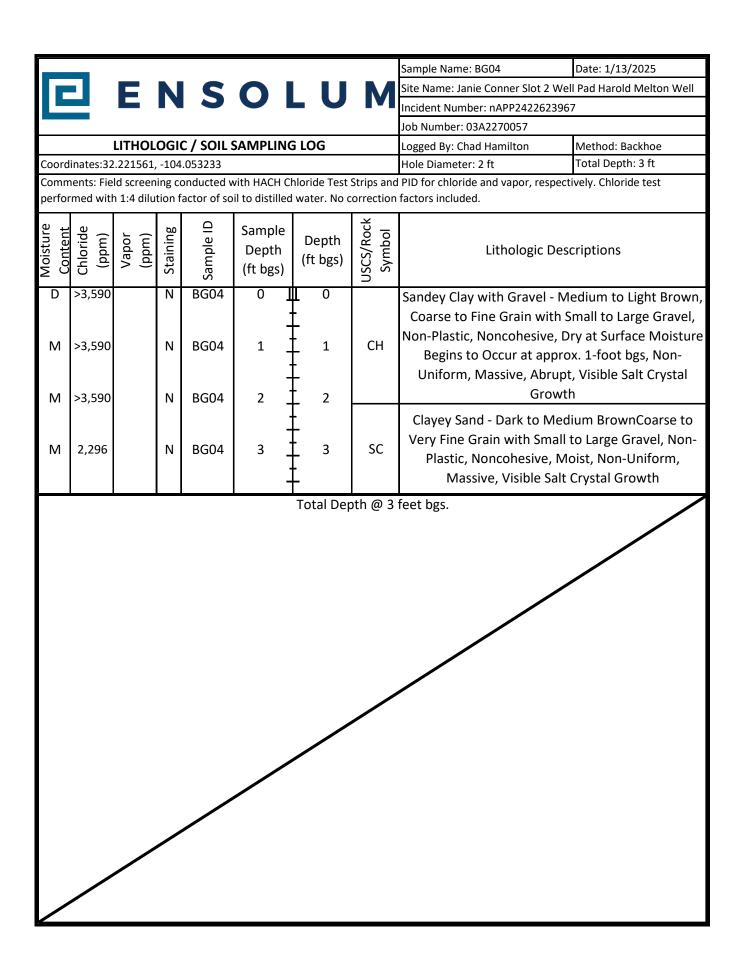
Total Depth @10 feet bgs.

								Sample Name: SS13	Date: 10/10/2024		
ď	7							Site Name: Janie Conner Slot 2 We			
			N	5	U	LU	V	Incident Number: nAPP242262396			
1						Job Number: 03A2270057					
		LITHOL	OGI	. / sou s	SAMPLING		Method: Backhoe				
Coord				4.0524931		Logged By: Cole Burton Hole Diameter: 3'	Total Depth: 9' (Feet)				
Comments: Field screening conducted with HACH Chloride Test Strips for chlorides. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.											
Moisture Content	Chloride (ppm)	Sample Debty (tt pas) USCS/Rock Symbol				-	USCS/Rock Symbol	Lithologic Descriptions			
D	706		Υ	SS13	0]	0					
					_		CCHE	Pad calic	he.		
М	5,667		N	SS13	1 _	1					
М	5,376		N	SS13	2	- _ 2 -					
М	5,830		N	SS13	3 _	- - 3					
М	2,005		N	SS13	4 _	4					
М	1,019		N	SS13	5 _	- - 5	SC	Clayey sand with gravel - cohesive,			
М	711		N	SS13	6 _	- _ 6					
М	644		N	SS13	7 _	- 7					
М	330		N	SS13	8 _	- - 8					
M	420		N	SS13	9	9 Total Dep	oth @ 9	feet bgs.			
I		_									











APPENDIX C

Photographic Log



Photographic Log

Matador Production Company

Janie Connor Slot 2 Well Pad Harold Melton Well 13

nAPP2422623967





Photograph 1 Date: 8/29/2024 Photograph 2 Date: 8/29/2024

Description: Site Signage View: Southwest

Description: Release Area View: Northwest





Photograph 3 Date: 8/29/2024 Photograph 4 Date: 10?08/2024

Description: Release Area Description: Background Sampling (BG01)

View: Southeast View: Southeast



Photographic Log

Matador Production Company
Janie Connor Slot 2 Well Pad Harold Melton Well 13
nAPP2422623967





Photograph 5 Date: 10/08/2024

Description: Background Sampling (BG02)

View: West

Photograph 6 Date: 10/08/2024

Description: Background Sampling (BG03)

View: Northeast





Photograph 7 Date: 10/09/2024 Photograph 8 Date: 10/09/2024

Description: Vertical Delineation Description: Vertical Delineation

View: Southeast View: North



Photographic Log

Matador Production Company

Janie Connor Slot 2 Well Pad Harold Melton Well 13

nAPP2422623967





Date: 10/10/2024

Date: 10/10/2024

Photograph 9 Date: 10/10/2024

Description: Vertical Delineation

View: Southwest

Photograph 10

Description: Lateral Delineation

View: Northeast





Photograph 11 Date: 10/10/2024

Description: Vertical Delineation

View: West

Photograph 12

Description: Delineation

View: North



Matador Production Company
Janie Connor Slot 2 Well Pad Harold Melton Well 13
nAPP2422623967





Photograph 13 Date: 1/13/2025

Description: Background Sampling

View: North

Photograph 14 Date: 1/13/2025

Description: Background Sampling

View: West





Photograph 15 Date: 1/13/2025

Description: Background Sampling

View: North

Photograph 16 Date: 1/13/2025

Description: Background Sampling

View: North



Matador Production Company

Janie Connor Slot 2 Well Pad Harold Melton Well 13

nAPP2422623967





Photograph 17 Date: 1/13/2025 Photograph 18 Date: 1/13/2025

Description: BG01 Description: BG02
View: East View: North





Photograph 19 Date: 1/13/2025 Photograph 20 Date: 1/13/2025

Description: BG03 Description: BG04

View: Northeast View: Southwest



Matador Production Company

Janie Connor Slot 2 Well Pad Harold Melton Well 13

nAPP2422623967





Date: 1/14/2025

Photograph 21 Date: 1/14/2025 Photog

Description: Scrape View: North Photograph 22 Description: Scrape

View: North





Photograph 23 Date: 1/14/2025 Photograph 24 Date: 1/14/2025

Description: Scrape

View: Northwest

Description: Scrape

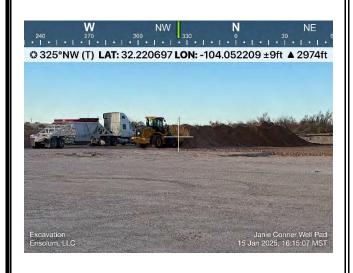
View: Northeast



Matador Production Company

Janie Connor Slot 2 Well Pad Harold Melton Well 13

nAPP2422623967





Date: 1/15/2025

Date: 1/15/2025

Photograph 25 Date: 1/15/2025

Description: Excavation View: Northwest

Photograph 26

Description: Excavation View: Northwest





Photograph 27
Description: Excavation

View: East

Date: 1/15/2025 Pho

Photograph 28
Description: Excavation

View: Southeast

Page 7 of 10



Matador Production Company Janie Connor Slot 2 Well Pad Harold Melton Well 13 nAPP2422623967





Photograph 29

Description: Excavation View: South

Date: 1/17/2025

Photograph 30

Description: Excavation View: South

Date: 1/17/2025





Photograph 31 Description: Excavation

View: West

Date: 1/17/2025

Photograph 32

Description: Excavation View: Southwest

Date: 1/17/2025



Matador Production Company

Janie Connor Slot 2 Well Pad Harold Melton Well 13

nAPP2422623967





Date: 1/20/2025

Date: 1/20/2025

Photograph 33 Date: 1/20/2025

Description: Delineation (SS07)

View: West

Photograph 34 Description: Delineation (SS08)

View: Southwest





Photograph 35

Description: Delineation (SS10)

View: West

Photograph 36

Photograph 36

Description: Delineation (SS10)

View: West

Date: 1/20/2025



Matador Production Company Janie Connor Slot 2 Well Pad Harold Melton Well 13 nAPP2422623967





Photograph 37

Description: Resampling View: West

Date: 2/5/2025

Date: 2/5/2025

Photograph 38

Description: Resampling

View: Southwest

Date: 2/5/2025





Photograph 39

Description: Resampling

View: East

Photograph 40

Description: Resampling

View: South

Date: 2/5/2025



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

Matador Resources, LLC.

Project Name: Janie Connor Slot 2 Well Pad

Work Order: E409032

Job Number: 23003-0002

Received: 9/6/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/11/24

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

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

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

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

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

Date Reported: 9/11/24

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

Project Name: Janie Connor Slot 2 Well Pad

Workorder: E409032

Date Received: 9/6/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/6/2024 8:00:00AM, under the Project Name: Janie Connor Slot 2 Well Pad.

The analytical test results summarized in this report with the Project Name: Janie Connor Slot 2 Well Pad 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)

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Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com



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QC - Nonhalogenated Organics by EPA 8015D - GRO	8
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	9
QC - Anions by EPA 300.0/9056A	10
Definitions and Notes	11
Chain of Custody etc.	12

Sample Summary

Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	D
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	09/11/24 15:31

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS02 - 0'	E409032-01A	Soil	09/04/24	09/06/24	Glass Jar, 2 oz.
SS03 - 0'	E409032-02A	Soil	09/04/24	09/06/24	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/11/2024 3:31:37PM

SS02 - 0' E409032-01

		E409032-01				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: BA		Batch: 2436071
Benzene	ND	0.0250	1	09/06/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/06/24	09/10/24	
Toluene	ND	0.0250	1	09/06/24	09/10/24	
o-Xylene	ND	0.0250	1	09/06/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/06/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/06/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: BA		Batch: 2436071
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: AF		Batch: 2436073
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/24	09/07/24	
Surrogate: n-Nonane		74.2 %	50-200	09/06/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: IY		Batch: 2436063
Chloride	ND	200	10	09/06/24	09/06/24	

Sample Data

Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	9/11/2024 3:31:37PM

SS03 - 0'

E409	9032	-02
------	------	-----

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: BA		Batch: 2436071
Benzene	ND	0.0250	1	09/06/24	09/10/24	
Ethylbenzene	ND	0.0250	1	09/06/24	09/10/24	
Toluene	ND	0.0250	1	09/06/24	09/10/24	
o-Xylene	ND	0.0250	1	09/06/24	09/10/24	
p,m-Xylene	ND	0.0500	1	09/06/24	09/10/24	
Total Xylenes	ND	0.0250	1	09/06/24	09/10/24	
Surrogate: 4-Bromochlorobenzene-PID		100 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: BA		Batch: 2436071
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/06/24	09/10/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	09/06/24	09/10/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: AF		Batch: 2436073
Diesel Range Organics (C10-C28)	ND	25.0	1	09/06/24	09/07/24	
Oil Range Organics (C28-C36)	ND	50.0	1	09/06/24	09/07/24	
Surrogate: n-Nonane		81.3 %	50-200	09/06/24	09/07/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: IY		Batch: 2436063
Chloride	285	20.0	1	09/06/24	09/07/24	

QC Summary Data

Janie Connor Slot 2 Well Pad Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 9/11/2024 3:31:37PM **Volatile Organics by EPA 8021B** Analyst: BA Spike Source RPD Reporting Rec Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2436071-BLK1) Prepared: 09/06/24 Analyzed: 09/10/24 ND 0.0250 ND Ethylbenzene 0.0250 ND Toluene 0.0250 o-Xylene ND 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.79 8.00 97.3 70-130 LCS (2436071-BS1) Prepared: 09/06/24 Analyzed: 09/10/24

D.	1.65	0.0250	5.00	ND 02.0	54 122	
Matrix Spike (2436071-MS1)				Source: E409033	-05	Prepared: 09/06/24 Analyzed: 09/10/24
Surrogate: 4-Bromochlorobenzene-PID	7.84		8.00	98.0	70-130	
Total Xylenes	14.1	0.0250	15.0	94.1	70-130	
p,m-Xylene	9.44	0.0500	10.0	94.4	70-130	
o-Xylene	4.67	0.0250	5.00	93.4	70-130	
Toluene	4.57	0.0250	5.00	91.4	70-130	
Ethylbenzene	4.63	0.0250	5.00	92.6	70-130	
Benzene	4.30	0.0250	5.00	86.0	70-130	

Benzene	4.65	0.0250	5.00	ND	93.0	54-133	
Ethylbenzene	4.96	0.0250	5.00	ND	99.2	61-133	
Toluene	4.93	0.0250	5.00	ND	98.5	61-130	
o-Xylene	4.98	0.0250	5.00	ND	99.5	63-131	
p,m-Xylene	10.1	0.0500	10.0	ND	101	63-131	
Total Xylenes	15.1	0.0250	15.0	ND	100	63-131	
Surrogate: 4-Bromochlorobenzene-PID	7.89		8.00		98.6	70-130	

Matrix Spike Dup (2436071-MSD1)				Source:	Source: E409033-05			Prepared: 09/06/24 Analyzed: 09/10/24		
Benzene	4.70	0.0250	5.00	ND	94.0	54-133	1.05	20		
Ethylbenzene	5.04	0.0250	5.00	ND	101	61-133	1.54	20		
Toluene	4.98	0.0250	5.00	ND	99.6	61-130	1.08	20		
o-Xylene	5.06	0.0250	5.00	ND	101	63-131	1.55	20		
p,m-Xylene	10.2	0.0500	10.0	ND	102	63-131	1.27	20		
Total Xylenes	15.3	0.0250	15.0	ND	102	63-131	1.36	20		
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.4	70-130				

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo9/11/20243:31:37PM

	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 (2436071-BLK1)							Prepared: 0	9/06/24 Analy	yzed: 09/10/24
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.62		8.00		95.3	70-130			
LCS (2436071-BS2)							Prepared: 0	9/06/24 Analy	yzed: 09/10/24
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0		95.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.83		8.00		97.9	70-130			
Matrix Spike (2436071-MS2)				Source:	E409033-	05	Prepared: 0	9/06/24 Analy	yzed: 09/10/24
Gasoline Range Organics (C6-C10)	45.7	20.0	50.0	ND	91.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.68		8.00		96.0	70-130			
Matrix Spike Dup (2436071-MSD2)				Source:	E409033-	05	Prepared: 0	9/06/24 Analy	yzed: 09/10/24

50.0

8.00

ND

88.1

94.3

70-130

70-130

3.79

44.0

7.55

20.0

QC Summary Data

Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo9/11/20243:31:37PM

Bullus 171, 732 10		Troject Manage	. 715	iney Groveng	-				
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2436073-BLK1)							Prepared: 0	9/06/24 Anal	yzed: 09/07/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	41.1		50.0		82.2	50-200			
LCS (2436073-BS1)							Prepared: 0	9/06/24 Anal	yzed: 09/07/24
Diesel Range Organics (C10-C28)	212	25.0	250		84.6	38-132			
Surrogate: n-Nonane	43.7		50.0		87.3	50-200			
Matrix Spike (2436073-MS1)				Source:	E409032-	01	Prepared: 0	9/06/24 Anal	yzed: 09/07/24
Diesel Range Organics (C10-C28)	192	25.0	250	ND	76.7	38-132			
Surrogate: n-Nonane	41.2		50.0		82.4	50-200			
Matrix Spike Dup (2436073-MSD1)				Source:	E409032-	01	Prepared: 0	9/06/24 Anal	yzed: 09/07/24
Diesel Range Organics (C10-C28)	201	25.0	250	ND	80.5	38-132	4.86	20	
Surrogate: n-Nonane	41.2		50.0		82.4	50-200			

Chloride

Chloride

Matrix Spike Dup (2436063-MSD1)

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:	-	anie Connor Sl 3003-0002	ot 2 Well	Pad			Reported:
Dallas TX, 75240		Project Manager	: A	Ashley Gioveng	go			9	/11/2024 3:31:37PM
		Anions	by EPA	300.0/9056	1				Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	/0	/0	70	70	Notes
Blank (2436063-BLK1)							Prepared: 0	9/06/24 Ana	alyzed: 09/06/24
Chloride	ND	20.0							
LCS (2436063-BS1)							Prepared: 0	9/06/24 Ana	alyzed: 09/06/24
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2436063-MS1)				Source:	E409035-	05	Prepared: 0	9/06/24 Ana	alyzed: 09/06/24

250

250

20.0

20.0

ND

101

101

Source: E409035-05

80-120

80-120

0.0451

Prepared: 09/06/24 Analyzed: 09/06/24

20

253

253

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:Janie Connor Slot 2 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo09/11/24 15:31

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Chain	of	Custody
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ate]	ceive
JΤ	TX		d by
			00
gra	m		Ď
7	RCRA		3/4
Υ	or N	1	/2025
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			AM

	Clie	nt Inform	nation					Invoice In	formation		ĺ			La	b Us	e On	y				TA	١T		State	
Client: N	Aatador Proc	luction C	ompany			Con	npany:	Ensolum L	LC			Lab \	WO#	}		Job N	lum	ber		1D	2D	3D	Std	NM CO UT T	хП
Project:	Janie Con	nor Slot 2	Well Pad			Add	iress: 3	122 Nation	nal Parks Hwy	,		E4	090	32	.	230	03-	000					x	x	\Box
Project N	/lanager: As	hley Giov	engo			City	, State,	Zip: Carlst	oad NM, 8822	20	[
Address:	3122 Natio	nal Parks	Hwy	_		Pho	ne: 57	5-988-005	5			ſ				Ana	ysis	and	Met	hod			1	EPA Program	
City, Stat	e, Zip: Carls	bad NM,	88220			Em	ail: agi	iovengo@	ensolum.com			[SDWA CWA	RCRA
Phone: !	575 - 988-005	5				Misc	ellaneo	us:	-			l													
Email: a	giovengo@e	nsolum.c	om			-1							ري ا	ις,										Compliance Y C	r N
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				Sam	ple Info	rmatio	n						Š P	S P	802	8260	8	ž		Met					
Time Sampled	Date Sampled	Matrix	No. of Containers				Sample I	D		Field	La Num		DRO/ORO by	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				Remarks	
13:45	9/4/2024	Soil	1				SS02 - 0	j'				\						х							
13:18	9/4/2024	Soil	1				SS03 - 0)'		1	6	,						х							
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Addition	al Instructio	ns: Ple	ase CC: cb	urton@e	ensolum	.com,	agioven	go@ensol	um.com, cha	milto	n@e	nsolu	um.c	om, i	iestr	ella@	ens	olum	ı.con	n			<u>, </u>		
I, (field sam	pler), attest to the	e validity and	authenticity	of this samp	ole. I am aw	are that	tampering	with or intenti	ionally mislabeling	the sa	mple lo	cation	, date	or time	of co	lection	is cor	sidere	d frau	d and	may be	e grou	nds for	legal action.	-
Sampled by:							_	+						1	^										
Relinquish	ed by: (Signatu	re) ~_	Date 9	5/24	Time 7:4		Received	by:\Signatu		9	5	24	7	15	U			sample		celved				ist be received on ice the day the temp above 0 but less than 6 °C	
Rélinguist	by: (Signatu	re)	- 8	524	10	Œ	Received	by: (Signatur	re	Dale	٠٤٠٢	7	Time 1	73	0				eived		ce:		b Us N	e Only	
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Relinquish	ed by: (Signatu	re)	Date		Time		Received	by: (Signatur	re)	Date		·	Time	· · ·				AVG	Tem	o°C	_ _ မ	1			
Sample Mat	rix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aque	ous, O - Oth	er					Con	tainer	Туре	e: g -	glass,	p - p	oly/p	lasti	c, ag	amb	er gl	ass, v	/ - VC	Α		
Note: Sam	ples are discard	led 14 days	after result	s are repo	ted unles				e. Hazardous sa	mples	will be	retu	rned t	o clier	nt or o	dispos	ed of	at the						for the analysis of the ab	ove





Printed: 9/6/2024 10:12:21AM

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:	09/06/24	08:00	Wor	k Order ID:	E409032
Phone:	(972) 371-5200	Date Logged In:	09/05/24	17:07	Log	ged In By:	Noe Soto
Email:	agiovngo@ensolum.com	Due Date:	09/12/24	17:00 (4 day TAT)			
1. Does t	**Custody (COC)** The sample ID match the COC?* The number of samples per sampling site location match the country in the samples of samples per sampling site location match the samples of samples per sampling site location match the samples per s	tch the COC	Yes				
	ramples dropped off by client or carrier?	ich die COC	Yes	G : 6	· ·		
	the COC complete, i.e., signatures, dates/times, request	eted analyses?	Yes Yes	Carrier: <u>C</u>	<u>Courier</u>		
	all samples received within holding time?	sted analyses:	Yes				
3. Were a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		103			Commen	ts/Resolution
	Furn Around Time (TAT) e COC indicate standard TAT, or Expedited TAT?		Yes		Sampled by na	ıme is mi	ssing on COC by
Sample (client.		
7. Was a	sample cooler received?		Yes				
8. If yes,	was cooler received in good condition?		Yes				
9. Was th	e sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, 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				
	Container	temperature. <u>1</u>	<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	****						
	field sample labels filled out with the minimum info	ormation:	Yes				
Е	Date/Time Collected?		Yes	ı			
C	Collectors name?		No				
	<u>Preservation</u>						
	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 m	netals?	No				
	ase Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes	s, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subconti	ract Laboratory						
	amples required to get sent to a subcontract laborato a subcontract laboratory specified by the client and it	•	No NA	Subcontract Lab	o: NA		
Client I	nstruction						
							<i>C</i> 3
Signat	ture of client authorizing changes to the COC or sample dis	position.			Date		envirotech Ind

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: Janie Connor Slot 2 Well Pad

Work Order: E410120

Job Number: 23003-0002

Received: 10/14/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 10/17/24

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: 10/17/24

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

Project Name: Janie Connor Slot 2 Well Pad

Workorder: E410120

Date Received: 10/14/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/14/2024 8:00:00AM, under the Project Name: Janie Connor Slot 2 Well Pad.

The analytical test results summarized in this report with the Project Name: Janie Connor Slot 2 Well Pad apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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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

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Sample Summary

Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/24 10:39

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS06-6'	E410120-01A Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS11-8'	E410120-02A Soil	10/10/24	10/14/24	Glass Jar, 2 oz.
SS13-8'	E410120-03A Soil	10/10/24	10/14/24	Glass Jar, 2 oz.



Sample Data

Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 10:39:03AM

SS06-6' E410120-01

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: RKS		Batch: 2442003
Benzene	ND	0.0250	1	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/15/24	
Toluene	ND	0.0250	1	10/14/24	10/15/24	
o-Xylene	ND	0.0250	1	10/14/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/15/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		95.7 %	70-130	10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	10/14/24	10/15/24	
Surrogate: Toluene-d8		102 %	70-130	10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: RKS		Batch: 2442003
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		95.7 %	70-130	10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130	10/14/24	10/15/24	
Surrogate: Toluene-d8		102 %	70-130	10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2442028
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/14/24	
Surrogate: n-Nonane		107 %	50-200	10/14/24	10/14/24	
				1 . 177		D . 1 2442010
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: IY		Batch: 2442019



Diesel Range Organics (C10-C28)

Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

Sample Data

Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo10/17/2024 10:39:03AM

SS11-8' E410120-02

Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: RKS Batch: 2442003 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 10/14/24 10/15/24 ND 0.0250 Benzene 1 10/14/24 10/15/24 Ethylbenzene ND 0.0250 ND 0.0250 1 10/14/24 10/15/24 Toluene 1 10/14/24 10/15/24 o-Xylene ND 0.0250 10/14/24 10/15/24 ND 0.0500 1 p,m-Xylene 10/14/24 10/15/24 1 Total Xylenes ND 0.0250 10/15/24 97.7 % 10/14/24 Surrogate: Bromofluorobenzene 70-130 10/15/24 Surrogate: 1,2-Dichloroethane-d4 99.9 % 70-130 10/14/24 Surrogate: Toluene-d8 104 % 70-130 10/14/24 10/15/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: RKS Batch: 2442003 ND 1 10/14/24 10/15/24 20.0 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 97.7 % 10/14/24 10/15/24 70-130 99.9 % 10/15/24 Surrogate: 1,2-Dichloroethane-d4 70-130 10/14/24 10/14/24 10/15/24 Surrogate: Toluene-d8 104 % 70-130 mg/kg Analyst: AF Batch: 2442028 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO

25.0

50.0

mg/kg

200

105 %

ND

ND

mg/kg

448

10/14/24

10/14/24

10/14/24

10/14/24

1

1

10

Analyst: IY

50-200

10/14/24

10/14/24

10/14/24

10/14/24

Batch: 2442019



Surrogate: n-Nonane

Chloride

Anions by EPA 300.0/9056A

Sample Data

Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo10/17/2024 10:39:03AM

SS13-8' E410120-03

Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: RKS Batch: 2442003 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 10/14/24 10/15/24 ND 0.0250 Benzene 1 10/14/24 10/15/24 Ethylbenzene ND 0.0250 ND 0.0250 1 10/14/24 10/15/24 Toluene 1 10/14/24 10/15/24 o-Xylene ND 0.0250 10/14/24 10/15/24 ND 0.0500 1 p,m-Xylene 10/14/24 10/15/24 1 Total Xylenes ND 0.0250 10/15/24 97.3 % 10/14/24 Surrogate: Bromofluorobenzene 70-130 10/15/24 Surrogate: 1,2-Dichloroethane-d4 98.6 % 70-130 10/14/24 Surrogate: Toluene-d8 100 % 70-130 10/14/24 10/15/24 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: RKS Batch: 2442003 ND 10/14/24 10/15/24 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 97.3 % 10/14/24 10/15/24 70-130 10/15/24 Surrogate: 1,2-Dichloroethane-d4 98.6 % 70-130 10/14/24 10/14/24 10/15/24 Surrogate: Toluene-d8 100 % 70-130 mg/kg Analyst: AF Batch: 2442028 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 10/14/24 10/14/24 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 10/14/24 10/14/24 Oil Range Organics (C28-C36)

89.9 %

mg/kg

200

mg/kg

300

50-200

10/14/24

10/14/24

Analyst: IY

10

10/14/24

10/14/24

Batch: 2442019

QC Summary Data

Matador Resources, LLC. Project Name: Janie Connor Slot 2 Well Pad Reported:
5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002
Dallas TX, 75240 Project Manager: Ashley Giovengo 10/17/2024 10:39:03AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			10/1	7//2024 10:39:03A	
	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 (2442003-BLK1)							Prepared: 10	0/14/24 Analy	yzed: 10/15/24	
Benzene	ND	0.0250					-			
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130				
Surrogate: 1,2-151cmoroemane-u4 Surrogate: Toluene-d8	0.516		0.500		103	70-130				
LCS (2442003-BS1)							Prepared: 10)/14/24 Anal	yzed: 10/15/24	
Benzene	2.26	0.0250	2.50		90.3	70-130			·	
Ethylbenzene	2.46	0.0250	2.50		98.2	70-130				
Toluene	2.34	0.0250	2.50		93.6	70-130				
o-Xylene	2.45	0.0250	2.50		98.0	70-130				
p,m-Xylene	4.91	0.0500	5.00		98.3	70-130				
Total Xylenes	7.36	0.0250	7.50		98.2	70-130				
Surrogate: Bromofluorobenzene	0.479	0.0250	0.500		95.7	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.510		0.500		102	70-130				
Surrogate: 1,2-151cmoroeinane-u4 Surrogate: Toluene-d8	0.514		0.500		101	70-130				
Matrix Spike (2442003-MS1)				Source:	E410117-	02	Prepared: 10	0/14/24 Analy	yzed: 10/15/24	
	2.33	0.0250	2.50	ND	93.3	48-131	1	•	,	
Benzene Ethylbenzene	2.50	0.0250	2.50	ND	100	45-135				
Toluene	2.41	0.0250	2.50	ND	96.2	48-130				
	2.53	0.0250	2.50	ND	101	43-135				
o-Xylene p,m-Xylene	5.06	0.0250	5.00	ND ND	101	43-135				
p,m-Aylene Total Xylenes	7.58	0.0250	7.50	ND	101	43-135				
· · · · · · · · · · · · · · · · · · ·	0.486	0.0230	0.500	110	97.2	70-130				
Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		99.9	70-130				
Surrogate: Toluene-d8	0.501		0.500		100	70-130				
Matrix Spike Dup (2442003-MSD1)				Source:	E410117-	02	Prepared: 10	0/14/24 Analy	yzed: 10/15/24	
Benzene	2.33	0.0250	2.50	ND	93.3	48-131	0.0214	23		
Ethylbenzene	2.55	0.0250	2.50	ND	102	45-135	1.84	27		
Toluene	2.43	0.0250	2.50	ND	97.1	48-130	0.890	24		
p-Xylene	2.51	0.0250	2.50	ND	100	43-135	0.655	27		
p,m-Xylene	5.08	0.0500	5.00	ND	102	43-135	0.503	27		
Total Xylenes	7.59	0.0250	7.50	ND	101	43-135	0.119	27		
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130				
			0.500		102	50.15				



0.500

103

70-130

0.513

Surrogate: Toluene-d8

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo10/17/2024 10:39:03AM

Dallas TX, 75240	Project Number: Project Manager:		ey Giovengo					10/17/2024 10:39:03AM
Ŋ	Nonhalogenated O	rganics by	EPA 8015	D - GRO)			Analyst: RKS
Analyte Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPE Limi	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442003-BLK1)						Prepared:	10/14/24	Analyzed: 10/15/24
Gasoline Range Organics (C6-C10) ND	20.0							
Surrogate: Bromofluorobenzene 0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4 0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8 0.516		0.500		103	70-130			
LCS (2442003-BS2)						Prepared:	10/14/24	Analyzed: 10/15/24
Gasoline Range Organics (C6-C10) 53.8	20.0	50.0		108	70-130			
Surrogate: Bromofluorobenzene 0.500		0.500		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4 0.512		0.500		102	70-130			
Surrogate: Toluene-d8 0.520		0.500		104	70-130			
Matrix Spike (2442003-MS2)			Source: E4	410117-02		Prepared:	10/14/24	Analyzed: 10/15/24
Gasoline Range Organics (C6-C10) 55.2	20.0	50.0	ND	110	70-130			
Surrogate: Bromofluorobenzene 0.499		0.500		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4 0.508		0.500		102	70-130			
Surrogate: Toluene-d8 0.511		0.500		102	70-130			
Matrix Spike Dup (2442003-MSD2)			Source: E4	410117-02		Prepared:	10/14/24	Analyzed: 10/15/24
Gasoline Range Organics (C6-C10) 54.0	20.0	50.0	ND	108	70-130	2.30	20	

0.500

0.500

0.500

0.505

0.473

0.507

101

94.5

101

70-130

70-130

70-130

QC Summary Data

Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo10/17/2024 10:39:03AM

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	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 (2442028-BLK1)							Prepared: 1	0/14/24 Ana	lyzed: 10/14/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.5		50.0		91.1	50-200			
LCS (2442028-BS1)							Prepared: 1	0/14/24 Ana	lyzed: 10/14/24
Diesel Range Organics (C10-C28)	249	25.0	250		99.6	38-132			
Surrogate: n-Nonane	48.9		50.0		97.7	50-200			
Matrix Spike (2442028-MS1)				Source:	Source: E410120-0		Prepared: 1	0/14/24 Ana	lyzed: 10/14/24
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	54.7		50.0		109	50-200			
Matrix Spike Dup (2442028-MSD1)				Source:	E410120-	01	Prepared: 1	0/14/24 Ana	lyzed: 10/14/24
Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	38-132	8.00	20	
Surrogate: n-Nonane	57.4		50.0		115	50-200			

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	LBJ Freeway, Suite 1500 Project Number: 23003-0002								
Dailas 1A, 75240				300.0/9056A				-	10/17/2024 10:39:03AM Analyst: IY
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec	Rec Limits	RPD %	RPD Limit %	Notes
Blank (2442019-BLK1) Chloride	ND	20.0							nalyzed: 10/14/24

LCS (2442019-BS1)							Prepared: 10)/14/24	Analyzed: 10/14/24
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2442019-MS1)				Source:	E410118-0	3	Prepared: 10)/14/24	Analyzed: 10/14/24
Chloride	586	200	250	347	95.9	80-120			
Matrix Spike Dup (2442019-MSD1)				Source:	E410118-0	3	Prepared: 10)/14/24	Analyzed: 10/14/24
Chloride	595	200	250	347	99.5	80-120	1.53	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

l	Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/24 10:39

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 Information						Invoice Inform	ation			Lab Use Only						TAT				Stat	е	
Client: Matador Production Company						Company: Ensolum LLC			Lal	Lab WO# Job Num E410120 23003					ber	per 1D 2D 3D Std			Std	NM CO UT	TX	
Project: .	lanie Conner	Slot 2 W	ell Pad		7	Address: 3122 National Parks Hwy			LE:	411	017	<u>20 </u>	_2	23003.0002						×	х	
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Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID		Fiek	Lab Numbe	er	DRO/ORO by	GRO/DRO	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				nemark.	
12:42	10/9/2024	S	1			SS06 - 6'			1	ł					x							
9:31	10/10/2024	S	1			SS11 - 8'			ि						х							
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Addition	al Instruction	ns: Plea	se CC: ch	urton@en	solum.com.	agiovengo@ensolum.co	m. iestrel	la@e	nsolun	n.co	m. b	deal@	Dens	olum.e	om.	cham	ilton	@en	solu	m.co	m.	
	ns@ensolum		.50 00. 05	u			,				,							_				
I, (field sam	oler), attest to the	validity and	authenticity	of this sampl	e. I am aware th	at tampering with or intentionally	mislabeling th	ne sam	ple locatio	on, da	te or t	ime of	ollecti	on is con	sidered	fraud	and m	ay be g	grounds	s for le	gal action.	
Sampled by:	Cole Burton		_																			
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Note: Sam	rix: S - Soil, Sd - S	oita, 5g - 5lu	after recult	s are renorts	r	arrangements are made. Haza	rdous sampl													for th	ı ne analysis of the abo	e samples is
						he liability of the laboratory is								ut			,		-,			

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

Page 71 of 461

Printed: 10/14/2024 10:21:05AM

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:	10/14/24	08:00		Work Order ID:	E410120
Phone:	(972) 371-5200	Date Logged In:	10/11/24	14:48		Logged In By:	Caitlin Mars
Email:	agiovngo@ensolum.com	Due Date:	10/18/24	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
	he number of samples per sampling site location ma	tch the COC	Yes				
	samples dropped off by client or carrier?		Yes	Carrier: C	ourier		
	ne COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes	Carrier. <u>c</u>	<u> </u>		
	all 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.	•		,		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 th	ne sample(s) received intact, i.e., not broken?		Yes				
10. Were	custody/security seals present?		No				
11. If yes	s, were custody/security seals intact?		NA				
	ne sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling visible ice, record the temperature. Actual sample	e received w/i 15	Yes				
		temperature. 4	<u>c</u>				
	Container queous VOC samples present?		No				
	VOC samples collected in VOA Vials?		NA				
	e head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	non-VOC samples collected in the correct containers	2	Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field La		iers conected:	103				
	field sample labels filled out with the minimum info	rmation:					
	Sample ID?	mation.	Yes				
	Date/Time Collected?		Yes				
(Collectors name?		Yes				
Sample 1	<u>Preservation</u>						
21. Does	the COC or field labels indicate the samples were pr	reserved?	No				
22. Are s	sample(s) correctly preserved?		NA				
24. Is lab	ofilteration required and/or requested for dissolved n	netals?	No				
<u>Multiph</u>	ase Sample Matrix						
26. Does	the sample have more than one phase, i.e., multipha	se?	No				
27. If yes	s, does the COC specify which phase(s) is to be analy	zed?	NA				
Subcont	ract Laboratory						
	namples required to get sent to a subcontract laborato	rv?	No				
	a subcontract laboratory specified by the client and is	•	NA	Subcontract Lab	· NA		
	nstruction			Succentract Eac			
	<u> </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

Matador Resources, LLC.

Project Name: Janie Connor Slot 2 Well Pad

Work Order: E410123

Job Number: 23003-0002

Received: 10/14/2024

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 10/17/24

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: 10/17/24

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

Project Name: Janie Connor Slot 2 Well Pad

Workorder: E410123

Date Received: 10/14/2024 8:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/14/2024 8:00:00AM, under the Project Name: Janie Connor Slot 2 Well Pad.

The analytical test results summarized in this report with the Project Name: Janie Connor Slot 2 Well Pad 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

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Sample Summary

Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo10/17/24 14:59

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01 - 0'	E410123-01A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS01 - 1'	E410123-02A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS04 - 0'	E410123-03A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS04 - 1'	E410123-04A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS05 - 0'	E410123-05A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS05 - 1'	E410123-06A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS06 - 0'	E410123-07A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS06 - 1'	E410123-08A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS07 - 0'	E410123-09A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS07 - 1'	E410123-10A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS08 - 0'	E410123-11A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS08 - 1'	E410123-12A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS09 - 0'	E410123-13A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS09 - 1'	E410123-14A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS10 - 0'	E410123-15A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS10 - 1'	E410123-16A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS11 - 0'	E410123-17A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS11 - 1'	E410123-18A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS12 - 0'	E410123-19A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS12 - 1'	E410123-20A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS13 - 0'	E410123-21A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.
SS13 - 1'	E410123-22A	Soil	10/09/24	10/14/24	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS01 - 0' E410123-01

		E410123-01				
	D. Iv	Reporting	D.1 (D 1		N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Coluene	ND	0.0250	1	10/14/24	10/16/24	
-Xylene	ND	0.0250	1	10/14/24	10/16/24	
,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
urrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	10/14/24	10/16/24	
Jonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	lyst: NV		Batch: 2442022
riesel Range Organics (C10-C28)	170	25.0	1	10/14/24	10/14/24	
Dil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/14/24	
urrogate: n-Nonane		103 %	50-200	10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	lyst: DT		Batch: 2442031
Chloride	1570	40.0	2	10/14/24	10/14/24	

Sample Data

Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS01 - 1'

E410123-02						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/14/24	
Surrogate: n-Nonane		100 %	50-200	10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2442031
Chloride	1060	100	5	10/14/24	10/14/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS04 - 0'

E410123-03						
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.0 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/14/24	
Surrogate: n-Nonane		97.9 %	50-200	10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2442031
Chloride	2860	20.0	1	10/14/24	10/14/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS04 - 1'

E41	Λ1	73	\mathbf{n}_{A}

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: CG			Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/14/24	
Surrogate: n-Nonane		98.5 %	50-200	10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2442031
Chloride	2390	200	10	10/14/24	10/14/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS05 - 0'

		E410123-05				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/14/24	
Surrogate: n-Nonane		91.9 %	50-200	10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2442031
Chloride	1860	40.0	2	10/14/24	10/14/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS05 - 1'

E410123-06							
Reporting							
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: CG		Batch: 2442007	
Benzene	ND	0.0250	1	10/14/24	10/16/24		
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24		
Toluene	ND	0.0250	1	10/14/24	10/16/24		
o-Xylene	ND	0.0250	1	10/14/24	10/16/24		
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24		
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24		
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/14/24	10/16/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2442007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	10/14/24	10/16/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2442022	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/14/24		
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/14/24		
Surrogate: n-Nonane		95.6 %	50-200	10/14/24	10/14/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2442031	
Chloride	1260	200	10	10/14/24	10/15/24		



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS06 - 0' E410123-07

		E-10125-07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/15/24	
Toluene	0.0612	0.0250	1	10/14/24	10/15/24	
o-Xylene	0.0342	0.0250	1	10/14/24	10/15/24	
p,m-Xylene	0.0930	0.0500	1	10/14/24	10/15/24	
Total Xylenes	0.127	0.0250	1	10/14/24	10/15/24	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/15/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	30100	500	20	10/14/24	10/16/24	
Oil Range Organics (C28-C36)	23000	1000	20	10/14/24	10/16/24	
Surrogate: n-Nonane		97.7 %	50-200	10/14/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2442031
Chloride	20200	400	20	10/14/24	10/15/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS06 - 1'

		E410123-08				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/16/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/16/24	
Surrogate: n-Nonane		104 %	50-200	10/14/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2442031
Chloride	2180	200	10	10/14/24	10/15/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS07 - 0'

		E410123-09				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	1710	25.0	1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	1070	50.0	1	10/14/24	10/14/24	
Surrogate: n-Nonane		104 %	50-200	10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: DT		Batch: 2442031
Chloride	3450	100	5	10/14/24	10/15/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS07 - 1'

E41		

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/14/24	
Surrogate: n-Nonane		104 %	50-200	10/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: DT		Batch: 2442031
Chloride	3540	200	10	10/14/24	10/15/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS08 - 0'

E410123-11							
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: CG		Batch: 2442007	
Benzene	ND	0.0250	1	10/14/24	10/16/24		
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24		
Toluene	ND	0.0250	1	10/14/24	10/16/24		
p-Xylene	ND	0.0250	1	10/14/24	10/16/24		
o,m-Xylene	ND	0.0500	1	10/14/24	10/16/24		
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24		
Surrogate: 4-Bromochlorobenzene-PID		106 %	70-130	10/14/24	10/16/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: CG		Batch: 2442007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	10/14/24	10/16/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2442022	
Diesel Range Organics (C10-C28)	141	25.0	1	10/14/24	10/15/24		
Oil Range Organics (C28-C36)	188	50.0	1	10/14/24	10/15/24		
Surrogate: n-Nonane		99.6 %	50-200	10/14/24	10/15/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2442031	
Chloride	1350	40.0	2	10/14/24	10/15/24		



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS08 - 1'

		E410123-12				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/15/24	
Surrogate: n-Nonane		98.8 %	50-200	10/14/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: DT		Batch: 2442031
Chloride	3090	200	10	10/14/24	10/15/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS09 - 0'

		E410123-13				
		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	165	25.0	1	10/14/24	10/15/24	
Oil Range Organics (C28-C36)	127	50.0	1	10/14/24	10/15/24	
Surrogate: n-Nonane		92.9 %	50-200	10/14/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: DT		Batch: 2442031
Chloride	5150	100	5	10/14/24	10/15/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS09 - 1'

E410123-14							
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: CG		Batch: 2442007	
Benzene	ND	0.0250	1	10/14/24	10/16/24		
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24		
Toluene	ND	0.0250	1	10/14/24	10/16/24		
o-Xylene	ND	0.0250	1	10/14/24	10/16/24		
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24		
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24		
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/14/24	10/16/24		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: CG		Batch: 2442007	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24		
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.1 %	70-130	10/14/24	10/16/24		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2442022	
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/15/24		
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/15/24		
Surrogate: n-Nonane		99.9 %	50-200	10/14/24	10/15/24		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2442031	
Chloride	1760	200	10	10/14/24	10/15/24		



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS10 - 0' E410123-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	2760	25.0	1	10/14/24	10/15/24	
Oil Range Organics (C28-C36)	1840	50.0	1	10/14/24	10/15/24	
Surrogate: n-Nonane		99.7 %	50-200	10/14/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2442031
Chloride	37700	1000	50	10/14/24	10/15/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS10 - 1' E410123-16

		E-10125-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Analys	st: CG		Batch: 2442007
Benzene	mg/kg ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	59.5	25.0	1	10/14/24	10/15/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10/14/24	10/15/24	
Surrogate: n-Nonane		97.5 %	50-200	10/14/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2442031
Chloride	2200	200	10	10/14/24	10/15/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS11 - 0' E410123-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B		mg/kg	Analys	t: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		105 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.5 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	14600	500	20	10/14/24	10/16/24	
Oil Range Organics (C28-C36)	42100	1000	20	10/14/24	10/16/24	
Surrogate: n-Nonane		100 %	50-200	10/14/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2442031
Chloride	37600	1000	50	10/14/24	10/15/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS11 - 1'

		E410123-18				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	Analyst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/16/24	
Oil Range Organics (C28-C36)	54.8	50.0	1	10/14/24	10/16/24	
Surrogate: n-Nonane		101 %	50-200	10/14/24	10/16/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: DT		Batch: 2442031
Chloride	4910	200	10	10/14/24	10/15/24	



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS12 - 0' E410123-19

		E410123-19				
	D 1:	Reporting	D .1	D 1		N
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	50.7	25.0	1	10/14/24	10/15/24	
Oil Range Organics (C28-C36)	179	50.0	1	10/14/24	10/15/24	
Surrogate: n-Nonane		96.8 %	50-200	10/14/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: DT		Batch: 2442031
Chloride	506	20.0	1	10/14/24	10/15/24	·



Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

SS12 - 1' E410123-20

		E410123-20				
	D. I.	Reporting	D.1 (;	n i		N.
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: CG		Batch: 2442007
Benzene	ND	0.0250	1	10/14/24	10/16/24	
Ethylbenzene	ND	0.0250	1	10/14/24	10/16/24	
Toluene	ND	0.0250	1	10/14/24	10/16/24	
o-Xylene	ND	0.0250	1	10/14/24	10/16/24	
p,m-Xylene	ND	0.0500	1	10/14/24	10/16/24	
Total Xylenes	ND	0.0250	1	10/14/24	10/16/24	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: CG		Batch: 2442007
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/14/24	10/16/24	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.9 %	70-130	10/14/24	10/16/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2442022
Diesel Range Organics (C10-C28)	ND	25.0	1	10/14/24	10/15/24	
Oil Range Organics (C28-C36)	108	50.0	1	10/14/24	10/15/24	
Surrogate: n-Nonane		104 %	50-200	10/14/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: DT		Batch: 2442031
Chloride	2550	200	10	10/14/24	10/15/24	



Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo10/17/20242:59:06PM

SS13 - 0' E410123-21

	_	Reporting	_				
Analyte	Result	Limit	Dilut	tion Pr	epared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2442006
Benzene	ND	0.0250	1	10	/14/24	10/15/24	
Ethylbenzene	ND	0.0250	1	10	/14/24	10/15/24	
Toluene	ND	0.0250	1	10	/14/24	10/15/24	
o-Xylene	ND	0.0250	1	10	/14/24	10/15/24	
p,m-Xylene	ND	0.0500	1	10	/14/24	10/15/24	
Total Xylenes	ND	0.0250	1	10	/14/24	10/15/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130	10	/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	10	/14/24	10/15/24	
Surrogate: Toluene-d8		103 %	70-130	10	/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2442006
Gasoline Range Organics (C6-C10)	ND	20.0	1	10	/14/24	10/15/24	
Surrogate: Bromofluorobenzene		96.9 %	70-130	10	/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	10	/14/24	10/15/24	
Surrogate: Toluene-d8		103 %	70-130	10	/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2442028
Diesel Range Organics (C10-C28)	1730	25.0	1	10	/14/24	10/14/24	
Oil Range Organics (C28-C36)	ND	50.0	1	10	/14/24	10/14/24	
Surrogate: n-Nonane		93.6 %	50-200	10	/14/24	10/14/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2442005

Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo10/17/20242:59:06PM

SS13 - 1' E410123-22

		E410123-22					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Analyte	Kesun	Lillit	Dilu	HOH	ricparcu	Anaryzed	INUIES
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst:	RKS		Batch: 2442006
Benzene	ND	0.0250	1		10/14/24	10/15/24	
Ethylbenzene	ND	0.0250	1		10/14/24	10/15/24	
Toluene	ND	0.0250	1		10/14/24	10/15/24	
o-Xylene	ND	0.0250	1		10/14/24	10/15/24	
p,m-Xylene	ND	0.0500	1		10/14/24	10/15/24	
Total Xylenes	ND	0.0250	1		10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		95.9 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		104 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS				Batch: 2442006
Gasoline Range Organics (C6-C10)	ND	20.0	1		10/14/24	10/15/24	
Surrogate: Bromofluorobenzene		95.9 %	70-130		10/14/24	10/15/24	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		10/14/24	10/15/24	
Surrogate: Toluene-d8		104 %	70-130		10/14/24	10/15/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	NV		Batch: 2442028
Diesel Range Organics (C10-C28)	ND	25.0	1		10/14/24	10/15/24	_
Oil Range Organics (C28-C36)	ND	50.0	1		10/14/24	10/15/24	
Surrogate: n-Nonane		105 %	50-200		10/14/24	10/15/24	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	DT		Batch: 2442005
Chloride	4640	200	10	0	10/14/24	10/14/24	



Matador Resources, LLC.
Project Name: Janie Connor Slot 2 Well Pad
Reported:
5400 LBJ Freeway, Suite 1500
Project Number: 23003-0002
Dallas TX, 75240
Project Manager: Ashley Giovengo
10/17/2024 2:59:06PM

Volatile Organic Compounds by EPA 8260B
Analyst: RKS

Volatile Organic Compounds by EPA 8260B									
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2442006-BLK1)							Prepared: 10	0/14/24 Analy	yzed: 10/15/24
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.487		0.500		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.529		0.500		106	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			
LCS (2442006-BS1)							Prepared: 10	0/14/24 Anal	yzed: 10/15/24
Benzene	2.35	0.0250	2.50		94.1	70-130	-		
Ethylbenzene	2.52	0.0250	2.50		101	70-130			
Toluene	2.42	0.0250	2.50		96.9	70-130			
o-Xylene	2.53	0.0250	2.50		101	70-130			
p,m-Xylene	5.07	0.0500	5.00		101	70-130			
Total Xylenes	7.60	0.0250	7.50		101	70-130			
Surrogate: Bromofluorobenzene	0.485		0.500		96.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.4	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			
Matrix Spike (2442006-MS1)				Source:	E410119-0	04	Prepared: 10	0/14/24 Analy	yzed: 10/15/24
Benzene	2.41	0.0250	2.50	ND	96.5	48-131			
Ethylbenzene	2.56	0.0250	2.50	ND	102	45-135			
Toluene	2.48	0.0250	2.50	ND	99.2	48-130			
o-Xylene	2.51	0.0250	2.50	ND	100	43-135			
p,m-Xylene	5.02	0.0500	5.00	ND	100	43-135			
Total Xylenes	7.52	0.0250	7.50	ND	100	43-135			
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			
Matrix Spike Dup (2442006-MSD1)				Source:	E410119-0	04	Prepared: 1	0/14/24 Anal	yzed: 10/15/24
Benzene	2.42	0.0250	2.50	ND	96.7	48-131	0.248	23	
Ethylbenzene	2.53	0.0250	2.50	ND	101	45-135	1.04	27	
Toluene	2.46	0.0250	2.50	ND	98.6	48-130	0.607	24	
o-Xylene	2.53	0.0250	2.50	ND	101	43-135	1.05	27	
p,m-Xylene	5.10	0.0500	5.00	ND	102	43-135	1.71	27	
Total Xylenes	7.64	0.0250	7.50	ND	102	43-135	1.49	27	
Surrogate: Bromofluorobenzene	0.483		0.500		96.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
U . ,									

0.500

0.508

102

70-130

Surrogate: Toluene-d8

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Matrix Spike Dup (2442007-MSD1)

8.61

5.43

5.30

5 42

5.37

10.8

16.2

8.62

QC Summary Data

Janie Connor Slot 2 Well Pad Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 10/17/2024 2:59:06PM **Volatile Organics by EPA 8021B** Analyst: CG Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2442007-BLK1) Prepared: 10/14/24 Analyzed: 10/15/24 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 8.20 8.00 102 70-130 LCS (2442007-BS1) Prepared: 10/14/24 Analyzed: 10/15/24 5.06 101 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.94 0.0250 5.00 98.8 70-130 5.03 0.0250 5.00 101 70-130 Toluene 99.3 o-Xylene 4.96 0.0250 5.00 70-130 10.0 10.0 100 70-130 0.0500 p.m-Xvlene 100 70-130 15.0 15.0 Total Xylenes 0.0250 8.00 102 70-130 Surrogate: 4-Bromochlorobenzene-PID 8.19 Source: E410123-07 Matrix Spike (2442007-MS1) Prepared: 10/14/24 Analyzed: 10/15/24 5.53 0.0250 5.00 ND 111 54-133 Benzene ND 61-133 Ethylbenzene 5.39 0.0250 5.00 108 Toluene 5.53 0.0250 5.00 0.0612 109 61-130 0.0342 109 63-131 5.46 5.00 0.0250 o-Xylene p,m-Xylene 11.0 0.0500 10.0 0.0930 109 63-131 16.5 0.0250 15.0 63-131 Total Xylenes

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

70-130

54-133

61-133

61-130

63-131

63-131

63-131

70-130

1.91

1.75

1.90

1.69

1.77

1.74

Source: E410123-07

106

107

107

108

107

108

ND

ND

0.0612

0.0342

0.0930

0.127



Prepared: 10/14/24 Analyzed: 10/15/24

20

20

20

20

20

Surrogate: Bromofluorobenzene

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

QC Summary Data

Janie Connor Slot 2 Well Pad Matador Resources, LLC. Project Name: Reported: 5400 LBI Freeway Suite 1500 22002 0002

5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Project Number: Project Manager:		23003-0002 Ashley Giovengo				10/17/2024 2:59:06PM
]	Nonhalogenated O	rgani	cs 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 (2442006-BLK1)					Prepared:	10/14/24	Analyzed: 10/15/24
Gasoline Range Organics (C6-C10) ND	20.0						
Surrogate: Bromofluorobenzene 0.487		0.500	97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4 0.529		0.500	106	70-130			
Surrogate: Toluene-d8 0.514		0.500	103	70-130			
LCS (2442006-BS2)					Prepared:	10/14/24	Analyzed: 10/15/24
Gasoline Range Organics (C6-C10) 54.5	20.0	50.0	109	70-130			
Surrogate: Bromofluorobenzene 0.505		0.500	101	70-130			
Surrogate: 1,2-Dichloroethane-d4 0.489		0.500	97.7	70-130			
Surrogate: Toluene-d8 0.525		0.500	105	70-130			
Matrix Spike (2442006-MS2)			Source: E4101	19-04	Prepared:	10/14/24	Analyzed: 10/15/24
Gasoline Range Organics (C6-C10) 54.6	20.0	50.0	ND 109	70-130			
Surrogate: Bromofluorobenzene 0.502		0.500	100	70-130			
Surrogate: 1,2-Dichloroethane-d4 0.505		0.500	101	70-130			
Surrogate: Toluene-d8 0.516		0.500	103	70-130			
Matrix Spike Dup (2442006-MSD2)			Source: E4101	19-04	Prepared:	10/14/24	Analyzed: 10/15/24
Gasoline Range Organics (C6-C10) 53.6	20.0	50.0	ND 107	70-130	1.75	20	

0.500

0.500

0.500

0.492

0.469

0.514

70-130

70-130

70-130

98.3

93.8

103

Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo10/17/20242:59:06PM

Nonhalogenated Organics by EPA 8015D - GRO												
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes			
Blank (2442007-BLK1)							Prepared: 1	0/14/24 Anal	yzed: 10/15/24			
Gasoline Range Organics (C6-C10)	ND	20.0										
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	70-130						

LCS (2442007-BS2)							Prepared: 10/14/24 Analyzed: 10/15/24
Gasoline Range Organics (C6-C10)	47.5	20.0	50.0		95.0	70-130	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.69		8.00		96.1	70-130	
Matrix Spike (2442007-MS2)				Source:	E410123-0	07	Prepared: 10/14/24 Analyzed: 10/15/24
Gasoline Range Organics (C6-C10)	48.0	20.0	50.0	ND	96.0	70-130	

Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130		
Matrix Spike Dup (2442007-MSD2)				Source:	E410123-	07	Prepared: 10	0/14/24 Analyzed: 10/16/24
Gasoline Range Organics (C6-C10)	47.8	20.0	50.0	ND	95.6	70-130	0.386	20
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.37		8.00		92.1	70-130		

Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo10/17/20242:59:06PM

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	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 (2442022-BLK1)							Prepared: 1	0/14/24 Ana	alyzed: 10/14/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.1		50.0		100	50-200			
LCS (2442022-BS1)							Prepared: 1	0/14/24 Ana	alyzed: 10/14/24
Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	50.5		50.0		101	50-200			
Matrix Spike (2442022-MS1)				Source:	E410123-	02	Prepared: 1	0/14/24 Ana	alyzed: 10/14/24
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	52.3		50.0		105	50-200			
Matrix Spike Dup (2442022-MSD1)				Source:	E410123-	02	Prepared: 1	0/14/24 Ana	alyzed: 10/14/24
Diesel Range Organics (C10-C28)	284	25.0	250	ND	114	38-132	4.20	20	
Surrogate: n-Nonane	50.3		50.0		101	50-200			

Matador Resources, LLC.Project Name:Janie Connor Slot 2 Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo10/17/20242:59:06PM

, ,,=		,			5-				
	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 (2442028-BLK1)							Prepared: 1	0/14/24 Ana	lyzed: 10/14/24
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	45.5		50.0		91.1	50-200			
LCS (2442028-BS1)							Prepared: 1	0/14/24 Ana	lyzed: 10/14/24
Diesel Range Organics (C10-C28)	249	25.0	250		99.6	38-132			
Surrogate: n-Nonane	48.9		50.0		97.7	50-200			
Matrix Spike (2442028-MS1)				Source:	E410120-	01	Prepared: 1	0/14/24 Ana	lyzed: 10/14/24
Diesel Range Organics (C10-C28)	273	25.0	250	ND	109	38-132			
Surrogate: n-Nonane	54.7		50.0		109	50-200			
Matrix Spike Dup (2442028-MSD1)				Source:	E410120-	01	Prepared: 1	0/14/24 Ana	lyzed: 10/14/24
Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	38-132	8.00	20	
Surrogate: n-Nonane	57.4		50.0		115	50-200			

Matrix Spike Dup (2442005-MSD1)

Chloride

QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/2024 2:59:06PM

Danas 174, 75240		1 Toject Wianage	i. As		10/1//2021 2.35.001141					
		Anions	by EPA 3	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 (2442005-BLK1)							Prepared: 1	0/14/24 Ana	lyzed: 10/14/24	
Chloride	ND	20.0								
LCS (2442005-BS1)							Prepared: 1	0/14/24 Ana	lyzed: 10/14/24	
Chloride	260	20.0	250		104	90-110				
Matrix Snike (2442005-MS1)				Source:	E410115-	05	Prepared: 1	0/14/24 Ana	lyzed: 10/14/24	

250

250

200

200

682

80-120

80-120

0.376

Source: E410115-05

104

Prepared: 10/14/24 Analyzed: 10/14/24

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240	Reported: 10/17/2024 2:59:06PM								
		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 (2442031-BLK1)						I	Prepared: 1	0/14/24	Analyzed: 10/14/24

Chloride	ND	20.0								
LCS (2442031-BS1)							Prepared: 1	0/14/24	Analyzed: 10/14/24	4
Chloride	256	20.0	250		102	90-110				
Matrix Spike (2442031-MS1)				Source: E4	10123-0	3	Prepared: 1	0/14/24	Analyzed: 10/14/24	4
Chloride	3030	20.0	250	2860	68.5	80-120			M4	
Matrix Spike Dup (2442031-MSD1)				Source: E4	10123-0	3	Prepared: 1	0/14/24	Analyzed: 10/14/24	4
Chloride	2910	20.0	250	2860	22.3	80-120	3.89	20	M4	

QC Summary Report Comment:

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



Definitions and Notes

	Matador Resources, LLC.	Project Name:	Janie Connor Slot 2 Well Pad	
ı	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
ı	Dallas TX, 75240	Project Manager:	Ashley Giovengo	10/17/24 14:59

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Client Information Invoice In					Invoice Inform	nation					La	b Us	e On	Only TAT						State				
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-				Samp	le Informati	ion				┪	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						
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10:42	10/9/2024	S	1			SS07 - 1'			10							х								
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Sample Mat	riv: S - Soil Sd - C	olid. Se - She	ge A - Anne	ous. O - Other				Con	tainer T	Type:	: g - s	glass.	p - p	οίγ/ρ	lastic.	ag -	ambe	r gla	SS, V	- VOA	1	1		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other							ardous samo	les wi	ll be retu	urnec	to c	lient o	r disp	osed	of at t	he cli	ent exp	oense	. The	repor	t for t	he analysis of th	e above	samples is
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client expense. The report for the analysis of the above samples is

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10:14	10/9/2024	S	1			SS08 - 1'		1	2						х								
10:58	10/9/2024	S	1			SS09 - 0'		1	3						х								
10:59	10/9/2024	S	1		•	SS09 - 1'		1	4						x								
10:53	10/9/2024	S	1		-	SS10 - 0'		1	5						x								
10:54	10/9/2024	S	1		-	SS10 - 1'		7	6						x								
10:46	10/9/2024	S	1			SS11 - 0'			17						x								
10:48	10/9/2024	S	1			SS11 - 1'		7	8						х								
11:05	10/9/2024	S	1			SS12 - 0'		1	9				-		×								
11:07	10/9/2024	S	1			SS12 - 1'		1	20						х								
Addition	al Instructio	ns: Plea	se CC: cbi	ırton@en:	solum.coi	m, agiovengo@ensolum.com, i	estrella@			com,	bdea	i@e	nsolu	ım.c	em,	cham	iltor	@en	solu	m.co	m,		
hsimmo	ne@ancalum	com																					
I, (field sam	pler), attest to the	validity and	authenticity	of this sample	e. I am aware	that tampering with or intentionally misla	beling the sa	mple!	ocation,	date o	or time	of coll	ection	is cons	siderec	l fraud	and m	ay be g	ground	is for le	egal action.		
	Cole Burton														1							- lee the day	*hav. 200
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Relinquished by: (Signature) Date Time Received by: (Signature) Date							Time			1		AVO	3 Ten	an ^o r	٠ 4	/							
Sample Man	rive C . Cail Cal . C	olid Se - Chi	dan A - Agua	ous O - Other			- co	ntain	er Type	e: g -	glass.	p - b	Olý/p	lastic	, ag -	amb	er gla	SS, V -	VOA	т -	Τ		
Note: Sam	ample Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other																						
applicable	only to those sa	mples rece	ived by the	laboratory w	ith this COC	. The liability of the laboratory is limite	ed to the ar	mount	paid fo	or on t	he rep	ort.											



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

envirotec

Chain	Of	Custo	dy

	Clie	nt Inform	ation		-		Invoice Informat	tion				Lal	b Use	Only	,			TAT			State	е
lient: N	latador Prod	-11555-234	SARCOLL S.		C	mpany:	Ensolum LLC	-		Lat	WO#		J	ob N	umbe		1D	2D 3	D Std	NM	CO UT	TX
	Janie Conner						122 National Par	ks Hwy		_ F	410	123	1	230	53.0	200			х	х		
	lanager: Ash				<u>C</u> i	ty, State,	Zip: Carlsbad NN	л, 88220														
Address:	3122 Nation	nal Parks	Hwy		Pł	none: 57	75-988-0055			_			-1-1	Anal	ysis ar	d Me	thod				A Progra	am
	e, Zip: Carlsl		88220				iovengo@ensolu	m.com												SDWA	CWA	RCRA
	75-988-0055				_ Mi	scellaneou	us:				102									Complianc	o I v	or N
mail: a	giovengo@ei	nsolum.c	om						-		8015	8015			0	13	20			PWSID#	e 1	01 11
				Sample	Informati	on					DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	3260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals			7.1.4.6.6.01		
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(field sam	ns@ensolum	n.com e validity and	authenticity	of this sample.	I am aware th	at tampering	with or intentionally m	islabeling the	samı	ple locatio	n, date c	or time	of colle	ction is	conside	red fra	ıd and r	nay be gro	unds for l	egal action.		
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envirotec

Printed: 10/14/2024 10:30:51AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

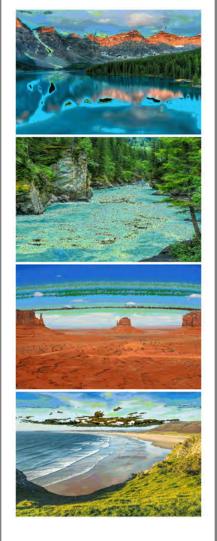
If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	Matador Resources, LLC.	Date Received:	10/14/24	08:00		Work Order ID:	E410123
Phone:	(972) 371-5200	Date Logged In:	10/11/24	14:55		Logged In By:	Raina Schwanz
Email:	agiovngo@ensolum.com	Due Date:	10/18/24	17:00 (4 day TAT)			
CI · C	G + 1 (COC)						
	Custody (COC)		37				
	ne sample ID match the COC? The number of samples per sampling site location mat	oh the COC	Yes				
	amples dropped off by client or carrier?	cii tile COC	Yes				
	• • • •	.4419	Yes	Carrier: <u>C</u>	Courier		
	e COC complete, i.e., signatures, dates/times, request Il samples received within holding time?	sted analyses?	Yes				
5. Were a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		Yes			Comment	s/Resolution
Sample T	<u>urn Around Time (TAT)</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				
	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				
	•	temperature: 1	<u>~</u>				
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 Lat	· · · · · · · · · · · · · · · · · · ·	iers conecteu:	105				
•	field sample labels filled out with the minimum info	rmation:					
	ample ID?	illiation.	Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		Yes				
Sample P	reservation_						
21. Does	the COC or field labels indicate the samples were pr	eserved?	No				
22. Are sa	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	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	zed?	NA				
	act Laboratory						
	amples required to get sent to a subcontract laborato	m./9	No				
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	u No		
		30 WIIO:	1421	Subcontract Lau	. INa		
Client Ir	<u>istruction</u>						

Page 40 of 40

Date

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

Matador Resources, LLC.

Project Name: Janie Conner Well Pad

Work Order: E501151

Job Number: 23003-0002

Received: 1/22/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 1/28/25

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

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

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

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

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

Date Reported: 1/28/25

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

Project Name: Janie Conner Well Pad

Workorder: E501151

Date Received: 1/22/2025 7:15:45AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/22/2025 7:15:45AM, under the Project Name: Janie Conner Well Pad.

The analytical test results summarized in this report with the Project Name: Janie Conner Well Pad 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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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

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Sample Summary

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Keporteu:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/28/25 16:48

Client Sample ID	Lab Sample ID Matri	x Sampled	Received	Container
SS07 - 2'	E501151-01A Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
SS07 - 4'	E501151-02A Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
SS07 - 6'	E501151-03A Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
SS08 - 2'	E501151-04A Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
SS08 - 4'	E501151-05A Soil	01/17/25	01/22/25	Glass Jar, 2 oz.
SS08 - 6'	E501151-06A Soil	01/17/25	01/22/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:48:39PM

SS07 - 2' E501151-01

		E301131-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2504076
Benzene	ND	0.0250	1	01/22/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/25/25	
Toluene	ND	0.0250	1	01/22/25	01/25/25	
o-Xylene	ND	0.0250	1	01/22/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		87.1 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2504076
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2504081
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/23/25	
Surrogate: n-Nonane		118 %	50-200	01/22/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: AK		Batch: 2504084
Chloride	2400	200	10	01/22/25	01/28/25	

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:48:39PM

SS07 - 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2504076
Benzene	ND	0.0250	1	01/22/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/25/25	
Toluene	ND	0.0250	1	01/22/25	01/25/25	
o-Xylene	ND	0.0250	1	01/22/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		85.6 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2504076
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2504081
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/23/25	
Surrogate: n-Nonane		119 %	50-200	01/22/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: AK		Batch: 2504084
Chloride	2080	200	10	01/22/25	01/28/25	_



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:48:39PM

SS07 - 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2504076
Benzene	ND	0.0250	1	01/22/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/25/25	
Toluene	ND	0.0250	1	01/22/25	01/25/25	
o-Xylene	ND	0.0250	1	01/22/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		86.7 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2504076
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: NV		Batch: 2504081
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/23/25	
Surrogate: n-Nonane		123 %	50-200	01/22/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: AK		Batch: 2504084
Chloride	2250	200	10	01/22/25	01/28/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:48:39PM

SS08 - 2'

	Reporting				
Result	Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2504076
ND	0.0250	1	01/22/25	01/25/25	
ND	0.0250	1	01/22/25	01/25/25	
ND	0.0250	1	01/22/25	01/25/25	
ND	0.0250	1	01/22/25	01/25/25	
ND	0.0500	1	01/22/25	01/25/25	
ND	0.0250	1	01/22/25	01/25/25	
	86.6 %	70-130	01/22/25	01/25/25	
mg/kg	mg/kg	Ana	lyst: SL		Batch: 2504076
ND	20.0	1	01/22/25	01/25/25	
	97.5 %	70-130	01/22/25	01/25/25	
mg/kg	mg/kg	Ana	lyst: NV		Batch: 2504081
ND	25.0	1	01/22/25	01/23/25	
ND	50.0	1	01/22/25	01/23/25	
	119 %	50-200	01/22/25	01/23/25	
mg/kg	mg/kg	Ana	lyst: AK		Batch: 2504084
_	mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 0.0250 86.6 % mg/kg MD 20.0 97.5 % mg/kg MD 25.0 ND 50.0 119 %	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 20.0 1 97.5 % 70-130 mg/kg mg/kg Ana ND 25.0 1 ND 50.0 1 119 % 50-200	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/22/25 ND 0.0250 1 01/22/25 ND 0.0250 1 01/22/25 ND 0.0500 1 01/22/25 ND 0.0250 1 01/22/25 ND 0.0250 1 01/22/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/22/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/22/25 ND 50.0 1 01/22/25 ND 50.0 1 01/22/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/22/25 01/25/25 ND 0.0250 1 01/22/25 01/25/25 ND 0.0250 1 01/22/25 01/25/25 ND 0.0500 1 01/22/25 01/25/25 ND 0.0250 1 01/22/25 01/25/25 ND 0.0250 1 01/22/25 01/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/22/25 01/25/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/22/25 01/25/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/22/25 01/23/25 ND 50.0 1 01/22/25 01/23/25 ND 50.0 1 01/22/25 01/23/25



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:48:39PM

SS08 - 4'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504076
Benzene	ND	0.0250	1	01/22/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/25/25	
Toluene	ND	0.0250	1	01/22/25	01/25/25	
o-Xylene	ND	0.0250	1	01/22/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		83.1 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504076
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.0 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2504081
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/23/25	
Surrogate: n-Nonane		121 %	50-200	01/22/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2504084
Chloride	3810	200	10	01/22/25	01/28/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 4:48:39PM

SS08 - 6'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504076
Benzene	ND	0.0250	1	01/22/25	01/25/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/25/25	
Toluene	ND	0.0250	1	01/22/25	01/25/25	
o-Xylene	ND	0.0250	1	01/22/25	01/25/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/25/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/25/25	
Surrogate: 4-Bromochlorobenzene-PID		86.0 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504076
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/25/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	01/22/25	01/25/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2504081
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/23/25	
Surrogate: n-Nonane		120 %	50-200	01/22/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: AK		Batch: 2504084
Chloride	3310	200	10	01/22/25	01/28/25	



Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/28/2025 4:48:39PM

Dallas TX, 75240		Project Number: Project Manager:		shley Gioveng	o			1/2	28/2025 4:48:39PM	
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 (2504076-BLK1)						I	Prepared: 0	1/22/25 Anal	lyzed: 01/25/25	
Benzene	ND	0.0250								
Ethylbenzene	ND	0.0250								
Toluene	ND	0.0250								
o-Xylene	ND	0.0250								
p,m-Xylene	ND	0.0500								
Total Xylenes	ND	0.0250								
Surrogate: 4-Bromochlorobenzene-PID	6.66		8.00		83.2	70-130				
LCS (2504076-BS1)						I	Prepared: 0	1/22/25 Anal	lyzed: 01/25/25	
Benzene	4.82	0.0250	5.00		96.4	70-130				
Ethylbenzene	4.61	0.0250	5.00		92.2	70-130				
Toluene	4.74	0.0250	5.00		94.8	70-130				
o-Xylene	4.59	0.0250	5.00		91.9	70-130				
p,m-Xylene	9.35	0.0500	10.0		93.5	70-130				
Total Xylenes	13.9	0.0250	15.0		93.0	70-130				
Surrogate: 4-Bromochlorobenzene-PID	6.81		8.00		85.1	70-130				
LCS Dup (2504076-BSD1)						I	Prepared: 0	1/22/25 Anal	lyzed: 01/25/25	
Benzene	4.17	0.0250	5.00		83.4	70-130	14.5	20		
Ethylbenzene	3.97	0.0250	5.00		79.3	70-130	15.0	20		
Toluene	4.08	0.0250	5.00		81.7	70-130	14.9	20		
o-Xylene	3.94	0.0250	5.00		78.8	70-130	15.3	20		
p,m-Xylene	8.06	0.0500	10.0		80.6	70-130	14.8	20		

8.00

70-130

70-130

83.2

15.0

20

0.0250

6.66



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/28/20254:48:39PM

Nonhalogenated	Organics by	EPA	.8015D -	GRO

Analyst: SL

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

Blank (2504076-BLK1)						Prepared: 0	1/22/25	Analyzed: 01/25/25
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00	98.5	70-130			
LCS (2504076-BS2)						Prepared: 0	1/22/25	Analyzed: 01/25/25
Gasoline Range Organics (C6-C10)	40.8	20.0	50.0	81.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.91		8.00	98.9	70-130			
LCS Dup (2504076-BSD2)						Prepared: 0	1/22/25	5 Analyzed: 01/25/25
Gasoline Range Organics (C6-C10)	42.1	20.0	50.0	84.1	70-130	2.94	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.88		8.00	98.5	70-130			



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/28/20254:48:39PM

Dullus 171, 732 10		Troject Manage		iney Groveng	50				
	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 (2504081-BLK1)							Prepared: 0	1/22/25 Analy	zed: 01/22/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.0		50.0		116	50-200			
LCS (2504081-BS1)							Prepared: 0	1/22/25 Analy	zed: 01/22/25
Diesel Range Organics (C10-C28)	252	25.0	250		101	38-132			
Surrogate: n-Nonane	56.1		50.0		112	50-200			
Matrix Spike (2504081-MS1)				Source:	E501149-0	01	Prepared: 0	1/22/25 Analy	zed: 01/22/25
Diesel Range Organics (C10-C28)	1340	25.0	250	1230	42.0	38-132			
Surrogate: n-Nonane	58.4		50.0		117	50-200			
Matrix Spike Dup (2504081-MSD1)				Source:	E501149-0	01	Prepared: 0	1/22/25 Analy	zed: 01/22/25
Diesel Range Organics (C10-C28)	1310	25.0	250	1230	31.3	38-132	2.04	20	M4
Surrogate: n-Nonane	59.6		50.0		119	50-200			



Chloride

Chloride

Matrix Spike Dup (2504084-MSD1)

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		anie Conner W 3003-0002	ell Pad				Reported:	
Dallas TX, 75240		Project Manager	: A	shley Gioveng	go			1.	/28/2025 4:48:39PM	
		Anions	by EPA	300.0/9056 <i>A</i>	١			Analyst: AK		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2504084-BLK1)							Prepared: 0	1/22/25 Ana	alyzed: 01/24/25	
Chloride	ND	20.0								
LCS (2504084-BS1)							Prepared: 0	1/22/25 Ana	alyzed: 01/25/25	
Chloride	250	20.0	250		100	90-110				
Matrix Spike (2504084-MS1)				Source:	E501150-	02	Prepared: 0	1/22/25 Ana	alyzed: 01/25/25	

250

250

20.0

20.0

1110

1110

99.4

99.1

Source: E501150-02

80-120

80-120

0.0558

Prepared: 01/22/25 Analyzed: 01/25/25

20

1360

1360

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:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/28/25 16:48

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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x		eceivea by
OCD A		ocn:

	Clier	nt Inform	nation			Invoice Ir	nformation				La	b Us	e On	ly		TAT State					e	
Client: N	Natador Prod	uction Co	ompany		Cor	mpany: Ensolum	LLC		Lab	WO#	†		Job	Num	ber		1D	2D	3D Std	NM	CO UT	TX
Project:	Janie Connei	Well Pa	d		Ad	dress: 3122 Natio	nal Parks Hwy		_ ES	50	15	1	23	203	ox	2			X	X		
Project N	lanager: Asl	nley Giov	engo			, State, Zip: Carls)	_		.,,											
	3122 Nation					ne: 575-988-00			_				Ana	lysis	and	Met	hod				A Progra	
	e, Zip: Carls		88220			nail: agiovengo@	ensolum.com		_											SDWA	CWA	RCRA
	75-988-005				Mis	cellaneous:					- 1									C!'	- L v	and N
Email: a	giovengo@e	nsolum.c	om							015	015	Ш							1.4	Complian PWSID #	ce Y	or N
-				Sample	Information	n				DRO/ORO by 8015	GRO/DRO by 8015	021	560	Chloride 300.0	ΣN	- TX	RCRA 8 Metals			PWSID#		
Time		For the	No. of	Jumpic	mormatic	A A CONTRACTOR		0 1	Lab	/ORC	/DRC	by 8	by 8	ride	- 00	1005	8 8	1		7	Remarks	11
Sampled	Date Sampled	Matrix	Containers			Sample ID		Filt	Lab Number	DRO,	GRO,	BTEX by 8021	VOC by 8260	Chlor	BGDOC - NM	TCEQ 1005 - TX	RCR/				********	
1325	1/17/25	5			550	37-2"			1						X							
1334	1/17/25	5	1			07 -41			2						X							
1341	1/17/25	S				07-6'			3						X							
	1/11/63					CH				-									-			c
1721	1/17/25	5			50	08-2'			4						X							
		5	-			08-4'			5						X							
1227	1/17/25		'							H					/							
1236	1/17/25	5	1		55	508-6	-de-		6						X			-				
Y																						
				-7		V. 200 / 100									L							
CONTRACTOR OF THE			ase CC: cbu	irton@ens	olum.com,	agiovengo@enso	lum.com, char	niltor	@enso	lum.	om,	iestr	ella@	pens	olun	1.con	n, bd	eal@	ensolui	n.com,		
	ns@ensolum		d authenticity o	f this sample	am aware tha	t tampering with or inten	tionally mislabeling	the sam	ple locatio	n. date	or time	e of co	llectio	n is cor	nsidere	ed frau	d and r	mav be	grounds fo	r legal action.		
A. S. C.	Chad Ham									.,												
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			1/2	1/25	8:00	Mighelle 6	Songales	10	1.25	0	800)				ed or re		packed in		vg temp above () but less tha	n 6 °C on
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	ed by: (Signatu)	engal	Date		1630 ne	Received by: (Signatu	ure)	Qate	11.25	Time	700	_	-		Rec	eived	on i	ce:	0/	N		
Inda	W H	•	1.2	1.25	2315	wittin	Mars	_	2:25	7	15				<u>T1</u>			_ :	T2		<u>T3</u>	
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	rix: S - Soil, Sd - S								ainer Typ													
						arrangements are ma										e clien	t expe	ense. T	he repor	for the ana	ysis of the	above
samples is	applicable only	to those s	amples receiv	ed by the lab	oratory with	this COC. The liability	of the laboratory	is limit	ed to the	amou	nt paid	tor	on the	repoi	τ.							



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Printed: 1/22/2025 8:42:44AM

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:	01/22/25	07:15		Work Order ID:	E501151
Phone:	(972) 371-5200	Date Logged In:	01/21/25	16:46		Logged In By:	Noe Soto
Email:	agiovengo@ensolum.com	Due Date:	01/28/25	17:00 (4 day TAT)			
Chain of	Control (COC)						
	Custody (COC)		Vos				
	he sample ID match the COC? he number of samples per sampling site location mat	ch the COC	Yes				
	amples dropped off by client or carrier?	in the coc	Yes	a			
	e COC complete, i.e., signatures, dates/times, reques	tad analysas?	Yes Yes	Carrier: <u>C</u>	<u>ourier</u>		
	e COC complete, i.e., signatures, dates/times, reques	ieu anaryses?	Yes				
J. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion		165			Comment	s/Resolution
Sample 7	Turn Around Time (TAT)						
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	temperature. 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 Lal	· · · · · · · · · · · · · · · · · · ·	ers conceica.	103				
	field sample labels filled out with the minimum info	rmation:					
	ample ID?		Yes				
	Pate/Time Collected?		Yes				
C	Collectors name?		Yes				
	Preservation_						
	the COC or field labels indicate the samples were pr	eserved?	No				
	ample(s) correctly preserved?		NA				
24. Is lab	filteration required and/or requested for dissolved m	etals?	No				
Multipha	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				
Subconti	ract Laboratory						
	amples required to get sent to a subcontract laborator	y ?	No				
	a subcontract laboratory specified by the client and if	•	NA	Subcontract Lab	: NA		
Client I	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





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Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner Well Pad

Work Order: E501152

Job Number: 23003-0002

Received: 1/22/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/28/25

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

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

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

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

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

Date Reported: 1/28/25

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

Project Name: Janie Conner Well Pad

Workorder: E501152

Date Received: 1/22/2025 7:15:45AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/22/2025 7:15:45AM, under the Project Name: Janie Conner Well Pad.

The analytical test results summarized in this report with the Project Name: Janie Conner Well Pad 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

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Sample Summary

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/28/25 12:21

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS07 - 8'	E501152-01A	Soil	01/20/25	01/22/25	Glass Jar, 2 oz.
SS07 - 10'	E501152-02A	Soil	01/20/25	01/22/25	Glass Jar, 2 oz.
SS08 - 8'	E501152-03A	Soil	01/20/25	01/22/25	Glass Jar, 2 oz.
SS08 - 9'	E501152-04A	Soil	01/20/25	01/22/25	Glass Jar, 2 oz.
SS08 - 10'	E501152-05A	Soil	01/20/25	01/22/25	Glass Jar, 2 oz.
SS10 - 2'	E501152-06A	Soil	01/20/25	01/22/25	Glass Jar, 2 oz.
SS10 - 4'	E501152-07A	Soil	01/20/25	01/22/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 12:21:02PM

SS07 - 8' E501152-01

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2504073
Benzene	ND	0.0250	1	01/22/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/22/25	
Toluene	ND	0.0250	1	01/22/25	01/22/25	
o-Xylene	ND	0.0250	1	01/22/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/22/25	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2504073
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: HM		Batch: 2504085
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/23/25	
Surrogate: n-Nonane		123 %	50-200	01/22/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2504123
Chloride	1450	200	10	01/24/25	01/24/25	

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 12:21:02PM

SS07 - 10' E501152-02

		E301132-02				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504073
Benzene	ND	0.0250	1	01/22/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/22/25	
Toluene	ND	0.0250	1	01/22/25	01/22/25	
o-Xylene	ND	0.0250	1	01/22/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/22/25	
Surrogate: 4-Bromochlorobenzene-PID		88.5 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504073
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.3 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: HM		Batch: 2504085
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/23/25	
Surrogate: n-Nonane		128 %	50-200	01/22/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2504123
Chloride	302	100	5	01/24/25	01/24/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 12:21:02PM

SS08 - 8'

E501152-03

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2504073
Benzene	ND	0.0250	1	01/22/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/22/25	
Toluene	ND	0.0250	1	01/22/25	01/22/25	
o-Xylene	ND	0.0250	1	01/22/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/22/25	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2504073
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	Analyst: HM		Batch: 2504085
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/23/25	
Surrogate: n-Nonane		128 %	50-200	01/22/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2504123
Chloride	1520	200	10	01/24/25	01/24/25	



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 12:21:02PM

SS08 - 9'

E501152-04 Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: SL Batch: 2504073 mg/kg mg/kg Volatile Organics by EPA 8021B 01/22/25 01/22/25 ND 0.0250 Benzene 1 01/22/25 01/22/25 Ethylbenzene ND 0.0250ND 0.02501 01/22/25 01/22/25 Toluene 1 01/22/25 01/22/25 o-Xylene ND 0.02501 01/22/25 01/22/25 ND 0.0500 p,m-Xylene 01/22/25 01/22/25 1 Total Xylenes ND 0.025001/22/25 01/22/25 88.6 % 70-130 Surrogate: 4-Bromochlorobenzene-PID mg/kg Analyst: SL Batch: 2504073 Nonhalogenated Organics by EPA 8015D - GRO mg/kg 01/22/25 01/22/25 ND 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: 1-Chloro-4-fluorobenzene-FID 94.3 % 01/22/25 01/22/25 70-130 mg/kg mg/kg Analyst: HM Batch: 2504085 Nonhalogenated Organics by EPA 8015D - DRO/ORO ND 25.0 01/22/25 01/23/25 Diesel Range Organics (C10-C28) ND 01/22/25 01/23/25 Oil Range Organics (C28-C36) 50.0 1 01/22/25 01/23/25 Surrogate: n-Nonane 129 % 50-200 Analyst: JM Batch: 2504123 Anions by EPA 300.0/9056A mg/kg mg/kg

200

10

01/24/25

01/24/25

458



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 12:21:02PM

SS08 - 10' E501152-05

		E301132-03				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504073
Benzene	ND	0.0250	1	01/22/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/22/25	
Toluene	ND	0.0250	1	01/22/25	01/22/25	
o-Xylene	ND	0.0250	1	01/22/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/22/25	
Surrogate: 4-Bromochlorobenzene-PID		89.1 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504073
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.8 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2504085
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/27/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/27/25	
Surrogate: n-Nonane		109 %	50-200	01/22/25	01/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2504123
Chloride	249	40.0	2	01/24/25	01/24/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 12:21:02PM

SS10 - 2'

		E501152-06				
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2504073
Benzene	ND	0.0250	1	01/22/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/22/25	
Toluene	ND	0.0250	1	01/22/25	01/22/25	
o-Xylene	ND	0.0250	1	01/22/25	01/22/25	
o,m-Xylene	ND	0.0500	1	01/22/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/22/25	
Surrogate: 4-Bromochlorobenzene-PID		88.0 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2504073
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: HM		Batch: 2504085
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/23/25	
Surrogate: n-Nonane		120 %	50-200	01/22/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2504123
Chloride	1020	200	10	01/24/25	01/24/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/28/2025 12:21:02PM

SS10 - 4'

		E501152-07				
Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2504073
Benzene	ND	0.0250	1	01/22/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/22/25	01/22/25	
Toluene	ND	0.0250	1	01/22/25	01/22/25	
o-Xylene	ND	0.0250	1	01/22/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/22/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/22/25	01/22/25	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2504073
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/22/25	01/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.4 %	70-130	01/22/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	rst: HM		Batch: 2504085
Diesel Range Organics (C10-C28)	ND	25.0	1	01/22/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/22/25	01/23/25	
Surrogate: n-Nonane		127 %	50-200	01/22/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2504123
Chloride	517	200	10	01/24/25	01/24/25	



Surrogate: 4-Bromochlorobenzene-PID

6.92

QC Summary Data

Janie Conner Well Pad Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240		Project Number: Project Manager:		shley Giovengo					1/28/2025 12:21:02PM
		Volatile O	rganics b	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 (2504073-BLK1)							Prepared: 0	1/21/25 Aı	nalyzed: 01/21/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.17		8.00		89.6	70-130			
LCS (2504073-BS1)							Prepared: 0	1/21/25 Aı	nalyzed: 01/21/25
Benzene	4.60	0.0250	5.00		92.0	70-130			
Ethylbenzene	4.54	0.0250	5.00		90.8	70-130			
Toluene	4.62	0.0250	5.00		92.4	70-130			
o-Xylene	4.53	0.0250	5.00		90.5	70-130			
o,m-Xylene	9.23	0.0500	10.0		92.3	70-130			
Total Xylenes	13.8	0.0250	15.0		91.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.10		8.00		88.8	70-130			
LCS Dup (2504073-BSD1)							Prepared: 0	1/21/25 Aı	nalyzed: 01/22/25
Benzene	4.66	0.0250	5.00		93.2	70-130	1.27	20	
Ethylbenzene	4.62	0.0250	5.00		92.3	70-130	1.69	20	
Toluene	4.71	0.0250	5.00		94.1	70-130	1.87	20	
-Xylene	4.61	0.0250	5.00		92.3	70-130	1.93	20	
o,m-Xylene	9.39	0.0500	10.0		93.9	70-130	1.68	20	
Total Xylenes	14.0	0.0250	15.0		93.3	70-130	1.76	20	

70-130



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/28/2025 12:21:02PM

Nonhalogenated	Organics by	EPA	8015D -	GRO

Analyst: SL

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

Blank (2504073-BLK1)						Prepared: 0	1/21/25	Analyzed: 01/21	1/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.71		8.00	96.4	70-130				
LCS (2504073-BS2)						Prepared: 0	1/21/25	Analyzed: 01/22	2/25
Gasoline Range Organics (C6-C10)	43.2	20.0	50.0	86.4	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.81		8.00	97.6	70-130				
LCS Dup (2504073-BSD2)						Prepared: 0	1/21/25	Analyzed: 01/22	2/25
Gasoline Range Organics (C6-C10)	40.4	20.0	50.0	80.8	70-130	6.67	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00	96.3	70-130				



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/28/2025 12:21:02PM

, ,,=		, ,		, .	2				
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504085-BLK1)							Prepared: 0	1/22/25 Ar	nalyzed: 01/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.8		50.0		116	50-200			
LCS (2504085-BS1)							Prepared: 0	1/22/25 Ar	nalyzed: 01/23/25
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
Surrogate: n-Nonane	58.9		50.0		118	50-200			
Matrix Spike (2504085-MS1)				Source:	E501152-0	05	Prepared: 0	1/22/25 Ar	nalyzed: 01/27/25
Diesel Range Organics (C10-C28)	293	25.0	250	ND	117	38-132			
Surrogate: n-Nonane	58.6		50.0		117	50-200			
Matrix Spike Dup (2504085-MSD1)				Source:	E501152-0	05	Prepared: 0	1/22/25 Ar	nalyzed: 01/27/25
Diesel Range Organics (C10-C28)	312	25.0	250	ND	125	38-132	6.35	20	
Surrogate: n-Nonane	61.5		50.0		123	50-200			

LCS (2504123-BS1)

Chloride

Prepared: 01/24/25 Analyzed: 01/24/25

90-110

101

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		Janie Conner Well Pad 23003-0002 Ashley Giovengo				Reported:		
Dallas TX, 75240		Project Manager							1/28/2025 12:21:02PM	
		Anions	by EPA	300.0/9056 <i>A</i>	4				Analyst: JM	
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes	
Blank (2504123-BLK1)						I	Prepared: 0	1/24/25 A	nalyzed: 01/24/25	
Chloride	ND	20.0								

Matrix Spike (2504123-MS1)				Source:	E501152-	02	Prepared: 0	1/24/25	Analyzed: 01/24/25
Chloride	561	100	250	302	103	80-120			
Matrix Spike Dup (2504123-MSD1)				Source:	E501152-	02	Prepared: 0	1/24/25	Analyzed: 01/24/25
Chloride	544	100	250	302	96.6	80-120	3.08	20	

250

253

20.0

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:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/28/25 12:21

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

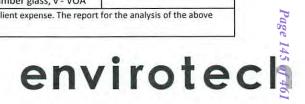
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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			OCI
ra	1000		9.
	RCRA		3/4.
	or	N	/2025
(S			Received by OCD: 3/4/2025 9:24:27 AM
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Client Information			Invoice Information				La	b Us	e On	ly				TAT		State			9				
Client: N	Matador Prod	luction C	ompany		Cor	mpany: Ensolum LLC			Lab \	NO#			Job	Num	ber	1D 2D 3D Std			td	NM	CO UT	TX	
Project:	Janie Conne	r Well Pa	d		Ad	dress: 3122 National P	Parks Hwy		EE.	50	115	1	23	2003	5.00	R			X		X	101	
Project N	Manager: Asl	hley Giov	vengo		City	y, State, Zip: Carlsbad	NM, 88220																
Address:	3122 Natio	nal Parks	Hwy		Pho	one: 575-988-0055							Ana	lysis	and	Met	hod				EPA	A Progra	ım
City, Stat	te, Zip: Carls	bad NM,	88220		Em	nail: agiovengo@enso	olum.com													5	DWA	CWA	RCRA
Phone:	575-988-005	5				cellaneous:																	
Email: a	giovengo@e	nsolum.c	com							ις.	r.									Co	omplianc	e Y	or N
										/ 80	8015	н		0.0	_	×	5			P	WSID#		
				Sam	ple Information	on				30 b	30 b)	805	8260	e 300	N.	1-50	Met		1				
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Nun	ib iber	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	
1313	1/20/25	S	1		59	SC7-81		ſ							X								
1323	1/20/25	5	1		SS	607-10		2	_						X								
1139	1/20/25	S	1		SS	18-80		3	_						X								
1142	1/20/25	5	- 1		.5	5508-91		4							X								
1149	1/20/25	5	1		5	508-101	1	5							X								
1354	1/20/25	5			S	S10 - Z'		6							X								
1402	1/20/25	5	1		53	510-41		7	1						X								
Department of the			ase CC: c	burton@e	ensolum.com,	agiovengo@ensolum.	.com, chamil	ton@e	nsolu	ım.c	om, i	iestr	ella@	pens	olun	n.cor	n, bd	leal@	ensol	um.c	om,		
	ns@ensolum				re resident and are			- State to	Co. 27-	1.0			0		2.1	16	1 - 1		1 1000000		3-1-7-4F-92		
1	income management		d authenticit	y of this samp	ile. I am aware tha	t tampering with or intentional	ly mislabeling the	sample lo	cation,	, date	or time	01 00	nectio	i is co	nsidere	edirau	u anu	may be	grounds	ior ie	gai action.		
Sampled by	:Chad Ham led by: (Signatu		Date		Time	Received by (Signature)	n IDa	te		Time					Sampl	es requ	iring the	ermal p	reservation	n must	be received o	on ice the da	v they are
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Vilia	refle Go	war	eg 1-	11-72	1630	H. J. X.	180	1.7.1.	25	1	20	0			Rec	eived	l on i	ce:	(V)				
Religious	ed by: (Signatu	re)	Date		Time	Received by: Gignatur	an 1	77.1	5	Time,	15				T1		2,5(4)		T2			T3	
Relinguish	ed by: (Signatu	re)	Date		Time	Received by: (Signature)	Da	te		Time					AVG	Ten	np °C		4				
Sample Ma	trix: S - Soil, Sd - S	olid, Sg - Slu	idge, A - Aqu	eous, O - Othe	er	1	Co	ontaine	Туре	2: g -	glass,	, p - p	oly/	olasti					- VOA				
						arrangements are made. H										e clier	nt exp	ense.	The repo	ort for	the analy	sis of the	above
samples is	applicable only	to those s	samples rec	eived by the	laboratory with	this COC. The liability of the	e laboratory is li	mited to	the a	mour	nt paid	ford	n the	repoi	rt.								





Printed: 1/22/2025 8:42:55AM

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:	01/22/25	07:15	Work Order ID:	E501152
Phone:	(972) 371-5200	Date Logged In:	01/21/25	16:51	Logged In By:	Noe Soto
Email:		Due Date:		17:00 (4 day TAT)	<i>.</i> .	
Chain of	f Custody (COC)					
	the sample ID match the COC?		Yes			
	the number of samples per sampling site location match	h the COC	Yes			
	samples dropped off by client or carrier?		Yes	Carrier: Courier		
	ne COC complete, i.e., signatures, dates/times, requeste	ed analyses?	Yes			
5. Were a	all samples received within holding time? Note: Analysis, such as pH which should be conducted in t i.e, 15 minute hold time, are not included in this disucssion		Yes		<u>Comment</u>	ts/Resolution
	Turn 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	ne sample(s) received intact, i.e., not broken?		Yes			
10. Were	custody/security seals present?		No			
	s, were custody/security seals intact?		NA			
12. Was ti	he 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			
Sample	<u>Container</u>					
	aqueous VOC samples present?		No			
15. Are 3	VOC samples collected in VOA Vials?		NA			
16. Is the	e head space less than 6-8 mm (pea sized or less)?		NA			
17. Was	a trip blank (TB) included for VOC analyses?		NA			
18. Are 1	non-VOC samples collected in the correct containers?		Yes			
19. Is the	appropriate volume/weight or number of sample containe	rs collected?	Yes			
Field La	<u>bel</u>					
20. Were	field sample labels filled out with the minimum inform	mation:				
	Sample ID?		Yes			
	Date/Time Collected? Collectors name?		Yes			
	Preservation		No			
	the COC or field labels indicate the samples were pre-	served?	No			
	sample(s) correctly preserved?	serveu.	NA			
	o filteration required and/or requested for dissolved me	tals?	No			
	ase Sample Matrix		110			
	the sample have more than one phase, i.e., multiphase	.9	3.7			
	s, does the COC specify which phase(s) is to be analyz		No			
		eur	NA			
	ract Laboratory					
	samples required to get sent to a subcontract laboratory		No			
29. Was	a subcontract laboratory specified by the client and if s	so who?	NA	Subcontract Lab: NA		
Client I	nstruction					

Date

Report to:
Ashley Giovengo



5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

Matador Resources, LLC.

Project Name: Janie Conner Well Pad

Work Order: E502052

Job Number: 23003-0002

Received: 2/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/11/25

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

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

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

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

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

Date Reported: 2/11/25

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

Project Name: Janie Conner Well Pad

Workorder: E502052

Date Received: 2/7/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/7/2025 7:30:00AM, under the Project Name: Janie Conner Well Pad.

The analytical test results summarized in this report with the Project Name: Janie Conner Well Pad 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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Laboratory Technical Representative Office: 505-421-LABS(5227)

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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

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Sample Summary

_		_		
ſ	Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	Reported:
١	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/11/25 11:02

Client Sample ID	Lab Sample ID Matrix	Sampled	Received	Container
SS09A-0'	E502052-01A Soil	02/05/25	02/07/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/11/2025 11:02:14AM

SS09A-0' E502052-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL	Batch: 2506102	
Benzene	ND	0.0250	1	02/07/25	02/07/25	
Ethylbenzene	ND	0.0250	1	02/07/25	02/07/25	
Toluene	ND	0.0250	1	02/07/25	02/07/25	
o-Xylene	ND	0.0250	1	02/07/25	02/07/25	
p,m-Xylene	ND	0.0500	1	02/07/25	02/07/25	
Total Xylenes	ND	0.0250	1	02/07/25	02/07/25	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	02/07/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2506102
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/25	02/07/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	02/07/25	02/07/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: HM		Batch: 2506108
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/25	02/07/25	
Surrogate: n-Nonane		104 %	61-141	02/07/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2506103
Chloride	3740	40.0	2	02/07/25	02/07/25	

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	·
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/11/2025 11:02:14AM

Dallas TX, 75240		Project Number: Project Manager:		shley Giovengo	,			2/	11/2025 11:02:14AN		
		Volatile O	rganics l	oy EPA 8021	В				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 (2506102-BLK1)							Prepared: 02	2/06/25 Ana	lyzed: 02/06/25		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
p,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: 4-Bromochlorobenzene-PID	6.95		8.00		86.9	70-130					
LCS (2506102-BS1)							Prepared: 02	2/06/25 Ana	lyzed: 02/06/25		
Benzene	4.92	0.0250	5.00		98.3	70-130					
Ethylbenzene	4.75	0.0250	5.00		95.1	70-130					
Toluene	4.87	0.0250	5.00		97.4	70-130					
o-Xylene	4.75	0.0250	5.00		94.9	70-130					
p,m-Xylene	9.65	0.0500	10.0		96.5	70-130					
Total Xylenes	14.4	0.0250	15.0		96.0	70-130					
Surrogate: 4-Bromochlorobenzene-PID	6.96		8.00		87.1	70-130					
LCS Dup (2506102-BSD1)							Prepared: 02	2/06/25 Ana	lyzed: 02/07/25		
Benzene	4.97	0.0250	5.00		99.3	70-130	1.01	20			
Ethylbenzene	4.79	0.0250	5.00		95.9	70-130	0.806	20			
Toluene	4.92	0.0250	5.00		98.3	70-130	0.931	20			
o-Xylene	4.79	0.0250	5.00		95.8	70-130	0.938	20			
p,m-Xylene	9.73	0.0500	10.0		97.3	70-130	0.847	20			
Total Xylenes	14.5	0.0250	15.0		96.8	70-130	0.877	20			



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo2/11/2025 11:02:14AM

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 (2506102-BLK1)						Prepared: 02	2/06/25	Analyzed: 02/06/25
Gasoline Range Organics (C6-C10)	ND	20.0						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00	93.4	70-130			
LCS (2506102-BS2)						Prepared: 02	2/06/25	Analyzed: 02/07/25
Gasoline Range Organics (C6-C10)	40.3	20.0	50.0	80.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.58		8.00	94.8	70-130			
LCS Dup (2506102-BSD2)						Prepared: 02	2/06/25	Analyzed: 02/07/25
Gasoline Range Organics (C6-C10)	41.9	20.0	50.0	83.8	70-130	4.01	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00	95.7	70-130			



QC Summary Data

Janie Conner Well Pad Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 2/11/2025 11:02:14AM Dallas TX, 75240 Project Manager: Ashley Giovengo

, , ,		j			5 -				
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: HM
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506108-BLK1)							Prepared: 0	2/07/25 Ana	alyzed: 02/07/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.5		50.0		113	61-141			
LCS (2506108-BS1)							Prepared: 0	2/07/25 Ana	alyzed: 02/07/25
Diesel Range Organics (C10-C28)	276	25.0	250		110	66-144			
Surrogate: n-Nonane	55.8		50.0		112	61-141			
Matrix Spike (2506108-MS1)				Source:	E502050-	02	Prepared: 0	2/07/25 Ana	alyzed: 02/07/25
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.7	56-156			
Surrogate: n-Nonane	51.4		50.0		103	61-141			
Matrix Spike Dup (2506108-MSD1)				Source:	E502050-	02	Prepared: 0	2/07/25 Ana	alyzed: 02/07/25
Diesel Range Organics (C10-C28)	271	25.0	250	ND	109	56-156	9.57	20	
Surrogate: n-Nonane	54.3		50.0		109	61-141			

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number	_	anie Conner W 3003-0002	ell Pad				Reported:
Dallas TX, 75240		Project Manager	r: A	Ashley Gioveng	go				2/11/2025 11:02:14AM
		Anions	by EPA	300.0/9056 <i>A</i>	A				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506103-BLK1)							Prepared: 0	2/07/25 A	nalyzed: 02/07/25
Chloride	ND	20.0							
LCS (2506103-BS1)							Prepared: 0	2/07/25 A	nalyzed: 02/07/25
Chloride	257	20.0	250		103	90-110			
Matrix Spike (2506103-MS1)				Source:	E502050-	03	Prepared: 0	2/07/25 A	nalyzed: 02/07/25
Chloride	466	20.0	250	197	107	80-120			
Matrix Spike Dup (2506103-MSD1)				Source:	E502050-	03	Prepared: 0	2/07/25 A	nalyzed: 02/07/25

250

20.0

103

80-120

2.39

20

455

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

l	Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/11/25 11:02

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	Clier	nt Inform	ation			Invoice Informa	ation				Lal	b Use	Onl	у			TAT			State
lient: N	Natador Produ	uction Co	mpany		Cor	mpany: Ensolum LLC			Lab V	VO#			Job N	lumb	er	1	LD 2D 3	D Std	NM CC	UT TX
	Janie Conner				Ad	dress: 3122 National Pa	rks Hwy		E	20%	205	2	230	203	er COO	2		X	X	
roject N	lanager: Ash	ley Giove	engo		City	y, State, Zip: Carlsbad N	M, 88220													
	3122 Nation				Pho	one: 575-988-0055							Anal	ysis a	and M	1eth	od		-	rogram
	e, Zip: Carlsb		38220		Em	nail: agiovengo@ensol	um.com												SDWA C	WA RCRA
	75-988-0055				Misc	cellaneous:											1.1			1
mail: a	giovengo@er	isolum.co	om							015	8015						2	1 1	Compliance	Y or N
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Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Fie	H Nu	ab mber	DRO/ORO by 8015	GRO/DRO	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			
	5 72 5	-	1		CH			1							X					
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	ns@ensolum					0 1 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										N. C.				
	ALTERNATION OF THE PARTY AND ADDRESS.		Carrier Company	of this sample. I an	n aware that	tampering with or intentionally n	nislabeling the s	imple l	ocation,	date o	r time	of colle	ection i	s consi	idered f	raud a	nd may be gr	ounds for I	egal action.	
ampled by		DI COLL TO COLUMN	-	I-		In . 11 (c)	· In	2	_	Time		-		- 1	Camples	roquirir	a thormal proc	anation mu	t be received on ice	the day they are
elinquish	ed by: (Signature	2)	Date	Time		Received by: (Signature) Received by: (Signature)	Da Par)-6	15	Ime	15								temp above 0 but le	
olingwich	ed by: (Signature	a).	Date	125 11 Time	15	Received by (Signature)	Da	e	70	Time	10			ŀ	ubceaue	nt day		Lab Us	e Only	
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						The state of the s									AVG T					
ample Mat	rix: S - Soil, Sd - So	olid, Sg - Sluc	lge, A - Aquec			rangements are made. Hazaro						p - pc	ly/pla	astic,			glass, v - V			



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

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

Printed: 2/7/2025 8:26:08AM

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:	Matador Resources, LLC.	Date Received:	02/07/25	07:30		Work Order ID:	E502052
Phone:	(972) 371-5200	Date Logged In:	02/06/25	15:09		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	02/13/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	ne sample ID match the COC?		Yes				
	ne number of samples per sampling site location mater	ch the COC					
	amples dropped off by client or carrier?	in the coc	Yes Yes	G : 6			
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	Carrier: C	<u>ourier</u>		
	Il samples received within holding time?	ied anaryses.	Yes				
3. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio		103			Comments	s/Resolution
Sample T	<u> [urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
	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 are minutes of sampling visible ice, record the temperature. Actual sample	received w/i 15	Yes				
	•	temperature. 4	<u>c</u>				
	Container queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	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 Lal		ers conceicu:	103				
	field sample labels filled out with the minimum infor	rmation:					
	ample ID?	ination.	Yes				
	ate/Time Collected?		Yes				
C	ollectors name?		No				
Sample I	<u>Preservation</u>						
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	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 analy	zed?	NA				
Subcontr	act Laboratory						
	amples required to get sent to a subcontract laborator	v?	No				
	subcontract laboratory specified by the client and if	-	NA	Subcontract Lab	: NA		
	nstruction						
<u>CHCIII II</u>	isti uction						

Date

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

Matador Resources, LLC.

Project Name: Janie Conner Well Pad

Work Order: E501087

Job Number: 23003-0002

Received: 1/15/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/21/25

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

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

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

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

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

Date Reported: 1/21/25

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

Project Name: Janie Conner Well Pad

Workorder: E501087

Date Received: 1/15/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/15/2025 7:30:00AM, under the Project Name: Janie Conner Well Pad.

The analytical test results summarized in this report with the Project Name: Janie Conner Well Pad 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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Sample Summary

ſ	Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	Donoutoda		
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:		
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/21/25 14:46		

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BG01-0'	E501087-01A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG01-1'	E501087-02A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG01-2'	E501087-03A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG01-3'	E501087-04A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG02-0'	E501087-05A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG02-1'	E501087-06A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG02-2'	E501087-07A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG02-3'	E501087-08A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG03-0'	E501087-09A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG03-1'	E501087-10A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG03-2'	E501087-11A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG03-3'	E501087-12A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG04-0'	E501087-13A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG04-1'	E501087-14A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG04-2'	E501087-15A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.
BG04-3'	E501087-16A	Soil	01/13/25	01/15/25	Glass Jar, 2 oz.

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG01-0' E501087-01

		E301007-01					
Analyte	Result	Reporting Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA	·	Batch: 2503063
Benzene	ND	0.0250	1	1	01/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1	1	01/15/25	01/17/25	
Toluene	ND	0.0250	1	1	01/15/25	01/17/25	
o-Xylene	ND	0.0250	1	1	01/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1	1	01/15/25	01/17/25	
Total Xylenes	ND	0.0250	1	1	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		93.8 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		92.9 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		93.8 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		92.9 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/15/25	01/15/25	
Surrogate: n-Nonane		115 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2503062
Chloride	786	100		5	01/15/25	01/15/25	



Surrogate: Toluene-d8

Diesel Range Organics (C10-C28)

Oil Range Organics (C28-C36)

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Sample Data

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG01-1' E501087-02

Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: BA Batch: 2503063 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 01/15/25 01/17/25 ND 0.0250 Benzene 1 01/15/25 01/17/25 Ethylbenzene ND 0.0250ND 0.0250 1 01/15/25 01/17/25 Toluene 1 01/15/25 01/17/25 o-Xylene ND 0.025001/15/25 01/17/25 ND 0.0500 1 p,m-Xylene 01/15/25 01/17/25 1 Total Xylenes ND 0.0250 01/17/25 01/15/25 Surrogate: Bromofluorobenzene 96.1 % 70-130 01/17/25 Surrogate: 1,2-Dichloroethane-d4 97.1 % 70-130 01/15/25 Surrogate: Toluene-d8 97.3 % 70-130 01/15/2501/17/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 2503063 ND 01/15/25 01/17/25 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 96.1 % 01/15/25 01/17/25 70-130 97.1 % 01/15/25 01/17/25 Surrogate: 1,2-Dichloroethane-d4 70-130

Surrogate: n-Nonane		121 %	50-200	01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	llyst: AK		Batch: 2503062
Chloride	697	100	5	01/15/25	01/15/25	

97.3 %

mg/kg

25.0

50.0

mg/kg

ND

ND

70-130

01/17/25

01/15/25

01/15/25

Batch: 2503067

01/15/25

01/15/25

01/15/25

Analyst: AF

1

1

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG01-2'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	nds by EPA 8260B mg/kg mg/kg Analyst: BA			Batch: 2503063			
Benzene	ND	0.0250	1	l	01/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1	1	01/15/25	01/17/25	
Toluene	ND	0.0250	1	1	01/15/25	01/17/25	
o-Xylene	ND	0.0250	1	1	01/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1	1	01/15/25	01/17/25	
Total Xylenes	ND	0.0250	1	1	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		94.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		98.0 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		94.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		98.0 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/15/25	01/15/25	
Surrogate: n-Nonane		117 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2503062



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG01-3'

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2503063
Benzene	ND	0.0250	1	01/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/15/25	01/17/25	
Toluene	ND	0.0250	1	01/15/25	01/17/25	
o-Xylene	ND	0.0250	1	01/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/15/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		94.0 %	70-130	01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	01/15/25	01/17/25	
Surrogate: Toluene-d8		94.6 %	70-130	01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		94.0 %	70-130	01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	01/15/25	01/17/25	
Surrogate: Toluene-d8		94.6 %	70-130	01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/25	01/15/25	
Surrogate: n-Nonane		122 %	50-200	01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK		Batch: 2503062
Chloride	1800	200	10	01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG02-0'

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	A 8260B mg/kg mg/kg Analyst: BA			Batch: 2503063			
Benzene	ND	0.0250	1		01/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1		01/15/25	01/17/25	
Toluene	ND	0.0250	1	l	01/15/25	01/17/25	
o-Xylene	ND	0.0250	1		01/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1		01/15/25	01/17/25	
Total Xylenes	ND	0.0250	1		01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		93.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		98.4 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		93.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		98.4 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1		01/15/25	01/15/25	_
Oil Range Organics (C28-C36)	ND	50.0	1		01/15/25	01/15/25	
Surrogate: n-Nonane		121 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2503062



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG02-1'

Analyta	Result	Reporting Limit	Dilutio	Duomono ¹	A malvizza J	Notes
Analyte	Kesuit	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2503063
Benzene	ND	0.0250	1	01/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1	01/15/25	01/17/25	
Toluene	ND	0.0250	1	01/15/25	01/17/25	
o-Xylene	ND	0.0250	1	01/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1	01/15/25	01/17/25	
Total Xylenes	ND	0.0250	1	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130	01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	01/15/25	01/17/25	
Surrogate: Toluene-d8		95.8 %	70-130	01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130	01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	01/15/25	01/17/25	
Surrogate: Toluene-d8		95.8 %	70-130	01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/25	01/15/25	
Surrogate: n-Nonane		123 %	50-200	01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: AK		Batch: 2503062
Chloride	2770	200	10	01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG02-2'

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	unds by EPA 8260B mg/kg mg/kg Analyst: BA			Batch: 2503063			
Benzene	ND	0.0250	1	1	01/15/25	01/17/25	
Ethylbenzene	ND	0.0250	1	1	01/15/25	01/17/25	
Toluene	ND	0.0250	1	1	01/15/25	01/17/25	
o-Xylene	ND	0.0250	1	1	01/15/25	01/17/25	
p,m-Xylene	ND	0.0500	1	1	01/15/25	01/17/25	
Total Xylenes	ND	0.0250	1	1	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		95.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		96.8 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2503063	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	01/15/25	01/17/25	
Surrogate: Bromofluorobenzene		95.9 %	70-130		01/15/25	01/17/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		01/15/25	01/17/25	
Surrogate: Toluene-d8		96.8 %	70-130		01/15/25	01/17/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/15/25	01/15/25	
Surrogate: n-Nonane		128 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2503062
						01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG02-3'

		Reporting					
Analyte	Result	Limit	Di	lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2503063
Benzene	ND	0.0250		1	01/15/25	01/18/25	
Ethylbenzene	ND	0.0250		1	01/15/25	01/18/25	
Toluene	ND	0.0250		1	01/15/25	01/18/25	
o-Xylene	ND	0.0250		1	01/15/25	01/18/25	
p,m-Xylene	ND	0.0500		1	01/15/25	01/18/25	
Total Xylenes	ND	0.0250		1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		94.9 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		94.6 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		94.9 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		96.6 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		94.6 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0		1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/15/25	01/15/25	
Surrogate: n-Nonane	·	125 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2503062
Chloride	1890	100		5	01/15/25	01/15/25	•

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG03-0'

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2503063
Benzene	ND	0.0250		1	01/15/25	01/18/25	
Ethylbenzene	ND	0.0250		1	01/15/25	01/18/25	
Toluene	ND	0.0250		1	01/15/25	01/18/25	
o-Xylene	ND	0.0250		1	01/15/25	01/18/25	
p,m-Xylene	ND	0.0500		1	01/15/25	01/18/25	
Total Xylenes	ND	0.0250		1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		97.4 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2503063	
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		97.4 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0		1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/15/25	01/15/25	
Surrogate: n-Nonane		118 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2503062
	15100	400		20	01/15/25	01/15/25	

Matador Resources, LLC. Project Name: Janie Conner Well Pad 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Reported: 1/21/2025 2:46:42PM Dallas TX, 75240 Project Manager: Ashley Giovengo

BG03-1' E501087-10

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA			Batch: 2503063
Benzene	ND	0.0250	1		01/15/25	01/18/25	
Ethylbenzene	ND	0.0250	1		01/15/25	01/18/25	
Toluene	ND	0.0250	1		01/15/25	01/18/25	
o-Xylene	ND	0.0250	1		01/15/25	01/18/25	
p,m-Xylene	ND	0.0500	1		01/15/25	01/18/25	
Total Xylenes	ND	0.0250	1		01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		94.5 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		96.2 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		94.5 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		96.2 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1		01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/15/25	01/15/25	
Surrogate: n-Nonane		122 %	50-200		01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	AK		Batch: 2503062
Amons by ETA 500.0/7050A							



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG03-2'

		E301007-11				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		analyst: BA		Batch: 2503063
Benzene	ND	0.0250	1	01/15/25	01/18/25	Butch: 2303003
Ethylbenzene	ND	0.0250	1	01/15/25	01/18/25	
Toluene	ND	0.0250	1	01/15/25	01/18/25	
o-Xylene	ND	0.0250	1	01/15/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/15/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.7 %	70-130	01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	01/15/25	01/18/25	
Surrogate: Toluene-d8		96.3 %	70-130	01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.7 %	70-130	01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	01/15/25	01/18/25	
Surrogate: Toluene-d8		96.3 %	70-130	01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/25	01/15/25	
Surrogate: n-Nonane		122 %	50-200	01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: AK		Batch: 2503062
	4710	200	10	01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG03-3'

Analysis	D14	Reporting	Diladia	D	A l d	Notes
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2503063
Benzene	ND	0.0250	1	01/15/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/15/25	01/18/25	
Toluene	ND	0.0250	1	01/15/25	01/18/25	
o-Xylene	ND	0.0250	1	01/15/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/15/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130	01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	01/15/25	01/18/25	
Surrogate: Toluene-d8		96.1 %	70-130	01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.3 %	70-130	01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		99.1 %	70-130	01/15/25	01/18/25	
Surrogate: Toluene-d8		96.1 %	70-130	01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/25	01/15/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/25	01/15/25	
Surrogate: n-Nonane		132 %	50-200	01/15/25	01/15/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: AK		Batch: 2503062
Chloride	5130	200	10	01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG04-0'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA		Batch: 2503063	
Benzene	ND	0.0250	1		01/15/25	01/18/25	
Ethylbenzene	ND	0.0250	1		01/15/25	01/18/25	
Toluene	ND	0.0250	1		01/15/25	01/18/25	
o-Xylene	ND	0.0250	1		01/15/25	01/18/25	
p,m-Xylene	ND	0.0500	1		01/15/25	01/18/25	
Total Xylenes	ND	0.0250	1		01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		93.6 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		97.1 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	BA		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		93.6 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		97.1 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	AF		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1		01/15/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/15/25	01/16/25	
Surrogate: n-Nonane		113 %	50-200		01/15/25	01/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	AK		Batch: 2503062
Chloride	27100	1000	50	0	01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG04-1'

		Reporting					
Analyte	Result	Limit	Dilut	ion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: BA			Batch: 2503063
Benzene	ND	0.0250	1		01/15/25	01/18/25	
Ethylbenzene	ND	0.0250	1		01/15/25	01/18/25	
Toluene	ND	0.0250	1		01/15/25	01/18/25	
o-Xylene	ND	0.0250	1		01/15/25	01/18/25	
p,m-Xylene	ND	0.0500	1		01/15/25	01/18/25	
Total Xylenes	ND	0.0250	1		01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		95.8 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		96.3 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: BA	L		Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		95.8 %	70-130		01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130		01/15/25	01/18/25	
Surrogate: Toluene-d8		96.3 %	70-130		01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: AF	•		Batch: 2503067
Diesel Range Organics (C10-C28)	ND	25.0	1		01/15/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/15/25	01/16/25	
Surrogate: n-Nonane		132 %	50-200		01/15/25	01/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: AK			Batch: 2503062
Chloride	5560	400	20		01/15/25	01/15/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/21/2025 2:46:42PM

BG04-2'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Analyst: BA			Batch: 2503063
Benzene	ND	0.0250	1	01/15/25	01/18/25	
Ethylbenzene	ND	0.0250	1	01/15/25	01/18/25	
Toluene	ND	0.0250	1	01/15/25	01/18/25	
o-Xylene	ND	0.0250	1	01/15/25	01/18/25	
p,m-Xylene	ND	0.0500	1	01/15/25	01/18/25	
Total Xylenes	ND	0.0250	1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene	·	96.1 %	70-130	01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	01/15/25	01/18/25	
Surrogate: Toluene-d8		97.4 %	70-130	01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	mg/kg Analyst: BA			Batch: 2503063
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/15/25	01/18/25	
Surrogate: Bromofluorobenzene		96.1 %	70-130	01/15/25	01/18/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	01/15/25	01/18/25	
Surrogate: Toluene-d8		97.4 %	70-130	01/15/25	01/18/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg Analyst: AF			Batch: 2503067	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/15/25	01/16/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/15/25	01/16/25	
Surrogate: n-Nonane		114 %	50-200	01/15/25	01/16/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: AK		Batch: 2503062
		200	10	01/15/25	01/15/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

BG04-3' E501087-16

Reporting Analyte Limit Dilution Analyzed Result Prepared Notes Analyst: BA Batch: 2503063 mg/kg mg/kg Volatile Organic Compounds by EPA 8260B 01/15/25 01/18/25 ND 0.0250 Benzene 1 01/15/25 01/18/25 Ethylbenzene ND 0.0250 ND 0.0250 1 01/15/25 01/18/25 Toluene 01/15/25 1 01/18/25 o-Xylene ND 0.0250 01/15/25 01/18/25 ND 0.0500 1 p,m-Xylene 01/15/25 01/18/25 1 Total Xylenes ND 0.0250 01/18/25 01/15/25 Surrogate: Bromofluorobenzene 95.4 % 70-130 01/18/25 Surrogate: 1,2-Dichloroethane-d4 98.5 % 70-130 01/15/25 Surrogate: Toluene-d8 97.1 % 70-130 01/15/25 01/18/25 Nonhalogenated Organics by EPA 8015D - GRO mg/kg mg/kg Analyst: BA Batch: 2503063 ND 01/15/25 01/18/25 20.0 1 Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene 01/15/25 01/18/25 95.4 % 70-130 01/15/25 01/18/25 Surrogate: 1,2-Dichloroethane-d4 98.5 % 70-130 Surrogate: Toluene-d8 01/15/25 01/18/25 97.1 % 70-130 mg/kg Analyst: AF Batch: 2503067 mg/kg Nonhalogenated Organics by EPA 8015D - DRO/ORO 01/15/25 01/16/25 ND 25.0 1 Diesel Range Organics (C10-C28) ND 50.0 1 01/15/25 01/16/25 Oil Range Organics (C28-C36) 120 % 50-200 01/15/25 01/16/25 Surrogate: n-Nonane Anions by EPA 300.0/9056A mg/kg mg/kg Analyst: AK Batch: 2503062

200

2230

10

01/15/25

01/16/25



Chloride

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			1/2	1/2025 2:46:42PN
	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 (2503063-BLK1)							Prepared: 0	1/15/25 Analy	yzed: 01/17/25
Benzene	ND	0.0250							<u> </u>
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	0.481		0.500		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: T ₁ 2-Dichtoroeinane-u4 Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			
LCS (2503063-BS1)							Prepared: 0	1/15/25 Analy	yzed: 01/17/25
Benzene	2.64	0.0250	2.50		105	70-130			<u>'</u>
Ethylbenzene	2.43	0.0250	2.50		97.0	70-130			
Toluene	2.43	0.0250	2.50		97.0	70-130			
o-Xylene	2.37	0.0250	2.50		94.9	70-130			
o,m-Xylene	4.77	0.0500	5.00		95.4	70-130			
Total Xylenes	7.15	0.0250	7.50		95.3	70-130			
Surrogate: Bromofluorobenzene	0.480	0.0230	0.500		96.0	70-130			
	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	0.322		0.500		96.0	70-130			
	0.700			6			D 1. 0	1/15/25 A1-	1. 01/17/25
Matrix Spike (2503063-MS1)					E501085-		Prepared: 0	1/15/25 Analy	yzed: 01/17/25
Benzene	2.56	0.0250	2.50	ND	102	48-131			
Ethylbenzene	2.43	0.0250	2.50	ND	97.4	45-135			
Toluene	2.44	0.0250	2.50	ND	97.4	48-130			
o-Xylene	2.38	0.0250	2.50	ND	95.2	43-135			
p,m-Xylene	4.78	0.0500	5.00	ND	95.7	43-135			
Total Xylenes	7.17	0.0250	7.50	ND	95.5	43-135			
Surrogate: Bromofluorobenzene	0.472		0.500		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.518		0.500		104	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.1	70-130			
Matrix Spike Dup (2503063-MSD1)				Source:	Source: E501085-04		Prepared: 01/15/25 Analyzed: 01/1		yzed: 01/17/25
Benzene	2.58	0.0250	2.50	ND	103	48-131	0.972	23	
Ethylbenzene	2.49	0.0250	2.50	ND	99.6	45-135	2.21	27	
Toluene	2.50	0.0250	2.50	ND	99.9	48-130	2.49	24	
o-Xylene	2.46	0.0250	2.50	ND	98.3	43-135	3.12	27	
p,m-Xylene	4.94	0.0500	5.00	ND	98.8	43-135	3.24	27	
Total Xylenes	7.40	0.0250	7.50	ND	98.6	43-135	3.20	27	
Surrogate: Bromofluorobenzene	0.472		0.500		94.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.530		0.500		106	70-130			
			0.500		0.00	50 15 0			



0.500

70-130

0.483

Surrogate: Toluene-d8

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/21/20252:46:42PM

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

	Resuit	Limit	LCVCI	Result	Kec	Lillius	ICI D	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503063-BLK1)							Prepared: 0	1/15/25 A	nalyzed: 01/17/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.481		0.500		96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.1	70-130			
LCS (2503063-BS2)							Prepared: 0	1/15/25 A	nalyzed: 01/17/25
Gasoline Range Organics (C6-C10)	52.1	20.0	50.0		104	70-130		<u> </u>	
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.524		0.500		105	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			
Matrix Spike (2503063-MS2)				Source:	E501085-0	04	Prepared: 0	1/15/25 A	nalyzed: 01/17/25
Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130			
Surrogate: Bromofluorobenzene	0.472		0.500		94.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.505		0.500		101	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			
Matrix Spike Dup (2503063-MSD2)				Source:	E501085-0	04	Prepared: 0	1/15/25 A	nalyzed: 01/20/25
Gasoline Range Organics (C6-C10)	49.5	20.0	50.0	ND	99.0	70-130	11.1	20	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene	49.5 0.493	20.0	50.0 0.500	ND	99.0 98.6	70-130 70-130	11.1	20	
		20.0		ND			11.1	20	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/21/2025 2:46:42PM

Danas 1A, 73240		1 Toject Ivianage	1. 710	mey Gloveng	,0				1/21/2025 2:10:1211
	Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: AF
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503067-BLK1)							Prepared: 0	1/15/25 A	nalyzed: 01/15/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	57.5		50.0		115	50-200			
LCS (2503067-BS1)							Prepared: 0	1/15/25 A	nalyzed: 01/15/25
Diesel Range Organics (C10-C28)	273	25.0	250		109	38-132			
Surrogate: n-Nonane	59.9		50.0		120	50-200			
Matrix Spike (2503067-MS1)				Source:	E501087-	09	Prepared: 0	1/15/25 A	nalyzed: 01/15/25
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132			
Surrogate: n-Nonane	60.3		50.0		121	50-200			
Matrix Spike Dup (2503067-MSD1)				Source:	E501087-	09	Prepared: 0	1/15/25 A	nalyzed: 01/15/25
Diesel Range Organics (C10-C28)	277	25.0	250	ND	111	38-132	0.451	20	
Surrogate: n-Nonane	59.6		50.0		119	50-200			

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500			Reported:						
Dallas TX, 75240		Project Number: 23003-0002 Project Manager: Ashley Giovengo							1/21/2025 2:46:42PM
		Anions		Analyst: AK					
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503062-BLK1)						I	Prepared: 0	1/15/25 A	Analyzed: 01/15/25
Chloride	ND	20.0							

LCS (2503062-BS1)							Prepared: 0	1/15/25 Anal	yzed: 01/15/25
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2503062-MS1)				Source:	E501087-	07	Prepared: 0	1/15/25 Anal	yzed: 01/15/25
Chloride	3120	100	250	3540	NR	80-120			M4
Matrix Spike Dup (2503062-MSD1)				Source:	E501087-	07	Prepared: 0	1/15/25 Anal	yzed: 01/15/25
Chloride	3360	100	250	3540	NR	80-120	7.25	20	M4

QC Summary Report Comment:

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



Definitions and Notes

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/21/25 14:46

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



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Client: N	Natador Prod	duction C	ompany		Bill To				Lab	Us	e Only	/				Т	EPA P	rogram	
Project:	Janie Conn	er Well P	ad		Attention: Ensolum LLC		Lab	WO#			Job N				2D	3D	Standard	CWA	SDWA
Project N	Manager: As	hley Giov	vengo		Address: on file		ES	*0#	787		230	03	·0002				X		L VI
	3122 Natio		TO SELECT THE SECOND SE		City, State, Zip:					A	Analysi	is an	d Metho	bd		,			RCRA
	e, Zip: Carls		88220		Phone: 575-988-0055	1		by by								1			
	575-988-005				Email: agiovengo@ensolur	n.com		ORC										State	1
	giovengo@e	nsolum.	com		4			JRO/	8021	00	9	0.00		Σ		×	NM C	O UT AZ	TX
Report d	ue by:		1			1 6 1		RO/I	3y 8C	y 82	s 60.	de 3	TH.	2		1			
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID		Lab Number		TPH GRO/DRO/ORO by 8015	втех by	VOC by 8260	Metals 6010	Chloride 300.0	тсед трн	BGDOC		GDOC		Remarks	
1341	1/13/25	5		13	3GOI - O'	1								X					
13-54	1/13/25	5	1	13	6901-1	2								X					
1356	1/13/25	5	1	В	G01 - Z'	3								X					
1357	1/13/25	S	1_1_	13	601-3	4								X					
0950	1/13/25	5	1	B	3602-0	5								X					
3951	1/13/25	5	1	F	3602 - 1'	6								X					
0953	1/13/25	5	1	Ĩ.	36,02-2	7								X					
0954	1/13/25	5	1	1	3602-3"	8								X					
1047	1/13/25	5	1	1	3603-0	9								X					
1048	1/13/25	5	1	T.	3603 -1	10								X					
Addition	al Instructio	ns: Ple	ase CC: c	burton@enso	lum.com, agiovengo@ensolum.c	om, chamilton@e	nsol	um.co	m, ie	stre	ella@e	enso	olum.co	m					
the second second second second				ty of this sample. I	am aware that tampering with or intentional	ly mislabelling the sample			-1-7		A						received on ice the		pled or
	ed by: (Signatu		Date	Time		A Date		Time	000		Recei	ved	on ice:		Lab (Y)/	Jse O N	inly		
Relinquish	ed by: (Signatu	ire)	Date	Time		Date /. 14	1.25	Time.	1/3		T1			T2			T3		
Relinguish	ed by: (Signatu	ire)	Date	Time		n Date 1.15.2	4	Time 7	30		AVG	Tem	np °C	4					
	trix: S - Soil, Sd -					Containe													
					unless other arrangements are made. H									client	exper	ise. T	he report for the	ne analysis of	the above



client expense. The report for the analysis of the above

Sherit. Matador Hodden Strong				Bill To			La	ab U	se On	ly				TA	EPA Program			
					Attention: Ensolum LLC		Lab WC			Job N	Num	ber	1D	2D	3D	Standard	CWA	SDWA
	Manager: Asl				Address: on file		E.50	108	7	730	203	·000Z				X		
	3122 Nation	THE COLUMN			City, State, Zip:					Analy	sis ar	nd Metho	od	7				RCRA
	e, Zip: Carls	A DATE OF THE	CURA A CO. C.		Phone: 575-988-0055		λq	1										
	575-988-005				Email: agiovengo@ensolur	n.com	ORO										State	
11 - 2 - 2 - 2 - 2	giovengo@e	The state of the s	om				0/0	-	_		0.0		Z		_	NM CO	UT AZ	TX
Report d	ue by:						ad/c	802	8260	5010	300	포			¥			
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	тсео трн	BGDOC		SDOC		Remarks	
1051	1/13/25	5	1		BG63-2'	11							X					
1052	1/13/25	5			BG03 -3'	12							X					
1109	1/13/25	5	1		BG03-2' BG03-3' BG04-0'	13							Х					
1110	1/13/25	5	1		BG04-1	14							X					
1112	1/13/25	5	1		BG04 -2'	15							X	1				
1113	1/13/25	5	1		BG04 -3'	16							×	1				
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Addition	al Instructio	ns: Ple	ase CC: cl	burton@ens	olum.com, agiovengo@ensolum.c	com, chamilton@e	nsolum	.com,	iestr	ella@	ens	olum.co	m					
				ty of this sample. y be grounds for I	I am aware that tampering with or intentional	lly mislabelling the sampled Hamilton, Hig		nzalez								eceived on ice the da less than 6 °C on sub		
	ed by: (Signatu		Date	Tim		Date	Tin	_		Rece	eive	d on ice:		1	Jse Oi N	nly		
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Relinguish	ed by: 16 gnatu	re)	Date	14.25	2230 Cath M	2 1.15:2		30		AVG	Ter	np °C	4	_				
	trix: S - Soil, Sd - S					Containe				poly/p	lasti	c, ag - an	nber					
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Printed: 1/15/2025 8:37:24AM

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:	01/15/25	07:30		Work Order ID:	E501087
Phone:	(972) 371-5200	Date Logged In:	01/14/25	15:03		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/21/25	17:00 (4 day TAT)			
Chain of	Custody (COC)						
	he sample ID match the COC?		Yes				
	he number of samples per sampling site location mate	ch the COC	Yes				
	amples dropped off by client or carrier?		Yes	Carrier: C	Ourier		
	e COC complete, i.e., signatures, dates/times, reques	ted analyses?	Yes	Carrier. <u>C</u>	<u>ourici</u>		
	ill samples received within holding time?	iou unui, sos.	Yes				
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssio					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				
	•	temperature. 4	<u>C</u>				
	<u>Container</u> queous VOC samples present?		No				
	OC samples collected in VOA Vials?		NA				
	head space less than 6-8 mm (pea sized or less)?		NA				
	a trip blank (TB) included for VOC analyses?		NA				
	on-VOC samples collected in the correct containers?		Yes				
	appropriate volume/weight or number of sample contain		Yes				
Field Lal		ers conceicu:	103				
	field sample labels filled out with the minimum info	rmation:					
	ample ID?	mation.	Yes				
	Pate/Time Collected?		Yes				
C	Collectors name?		No				
Sample I	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				
Subconti	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						

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: Janie Conner Well Pad

Work Order: E501108

Job Number: 23003-0002

Received: 1/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/23/25

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

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

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

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

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

Date Reported: 1/23/25

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

Project Name: Janie Conner Well Pad

Workorder: E501108

Date Received: 1/17/2025 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2025 8:15:00AM, under the Project Name: Janie Conner Well Pad.

The analytical test results summarized in this report with the Project Name: Janie Conner Well Pad 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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mgonzales@envirotech-inc.com

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Sample Summary

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo01/23/25 11:55

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS08-1'	E501108-01A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS09-0'	E501108-02A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS10-1'	E501108-03A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS15-0'	E501108-04A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS16-1'	E501108-05A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS17-0'	E501108-06A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS18-0'	E501108-07A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS19-0'	E501108-08A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS20-0'	E501108-09A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS21-0'	E501108-10A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS25-0'	E501108-11A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS28-0'	E501108-12A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS55-0'	E501108-13A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS57-0'	E501108-14A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS58-0'	E501108-15A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS59-0'	E501108-16A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS60-0'	E501108-17A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS61-0'	E501108-18A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS62-0'	E501108-19A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS63-0'	E501108-20A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS08-1' E501108-01

. 1.	D. I	Reporting		D 1		N
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/20/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/20/25	
Toluene	ND	0.0250	1	01/17/25	01/20/25	
o-Xylene	ND	0.0250	1	01/17/25	01/20/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/20/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/20/25	
Surrogate: 4-Bromochlorobenzene-PID		88.8 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/17/25	
Surrogate: n-Nonane		122 %	50-200	01/17/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2503120
Chloride	5220	200	10	01/18/25	01/18/25	

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS09-0'

2

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/20/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/20/25	
Toluene	ND	0.0250	1	01/17/25	01/20/25	
o-Xylene	ND	0.0250	1	01/17/25	01/20/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/20/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/20/25	
Surrogate: 4-Bromochlorobenzene-PID		88.6 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	155	25.0	1	01/17/25	01/17/25	
Oil Range Organics (C28-C36)	106	50.0	1	01/17/25	01/17/25	
Surrogate: n-Nonane		123 %	50-200	01/17/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2503120
	2320	40.0	2	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS10-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/20/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/20/25	
Toluene	ND	0.0250	1	01/17/25	01/20/25	
o-Xylene	ND	0.0250	1	01/17/25	01/20/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/20/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/20/25	
Surrogate: 4-Bromochlorobenzene-PID		90.5 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.5 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	28.9	25.0	1	01/17/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/17/25	
Surrogate: n-Nonane		121 %	50-200	01/17/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2503120
		·	·	·	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS15-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/20/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/20/25	
Toluene	ND	0.0250	1	01/17/25	01/20/25	
o-Xylene	ND	0.0250	1	01/17/25	01/20/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/20/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/20/25	
Surrogate: 4-Bromochlorobenzene-PID		87.3 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.2 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	51.4	25.0	1	01/17/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/17/25	
Surrogate: n-Nonane		122 %	50-200	01/17/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2503120
Chloride	1810	20.0	1	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS16-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/20/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/20/25	
Toluene	ND	0.0250	1	01/17/25	01/20/25	
o-Xylene	ND	0.0250	1	01/17/25	01/20/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/20/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/20/25	
Surrogate: 4-Bromochlorobenzene-PID		89.9 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.6 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	48.7	25.0	1	01/17/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/17/25	
Surrogate: n-Nonane		119 %	50-200	01/17/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2503120
Chloride	4980	200	10	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS17-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/20/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/20/25	
Toluene	ND	0.0250	1	01/17/25	01/20/25	
o-Xylene	ND	0.0250	1	01/17/25	01/20/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/20/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/20/25	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	197	25.0	1	01/17/25	01/17/25	
Oil Range Organics (C28-C36)	79.0	50.0	1	01/17/25	01/17/25	
Surrogate: n-Nonane		123 %	50-200	01/17/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2503120
		·		·	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS18-0'

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg		lyst: SL	7111117200	Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/20/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/20/25	
Toluene	ND	0.0250	1	01/17/25	01/20/25	
o-Xylene	ND	0.0250	1	01/17/25	01/20/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/20/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/20/25	
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	lyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/20/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/17/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/17/25	
Surrogate: n-Nonane		122 %	50-200	01/17/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2503120
Chloride	2360	40.0	2	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS19-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	162	25.0	1	01/17/25	01/17/25	
Oil Range Organics (C28-C36)	78.8	50.0	1	01/17/25	01/17/25	
Surrogate: n-Nonane		118 %	50-200	01/17/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2503120



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS20-0' E501108-09

Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	yst: SL	<u> </u>	Batch: 2503113
ND	0.0250	1	01/17/25	01/21/25	
0.0455	0.0250	1	01/17/25	01/21/25	
ND	0.0250	1	01/17/25	01/21/25	
0.162	0.0250	1	01/17/25	01/21/25	
0.169	0.0500	1	01/17/25	01/21/25	
0.331	0.0250	1	01/17/25	01/21/25	
	94.3 %	70-130	01/17/25	01/21/25	
mg/kg	mg/kg	Anal	yst: SL		Batch: 2503113
ND	20.0	1	01/17/25	01/21/25	
	95.2 %	70-130	01/17/25	01/21/25	
mg/kg	mg/kg	Anal	yst: NV		Batch: 2503110
5120	25.0	1	01/17/25	01/17/25	
65.6	50.0	1	01/17/25	01/17/25	
	134 %	50-200	01/17/25	01/17/25	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2503120
	mg/kg ND 0.0455 ND 0.162 0.169 0.331 mg/kg ND	Result Limit mg/kg mg/kg ND 0.0250 0.0455 0.0250 ND 0.0250 0.162 0.0250 0.169 0.0500 0.331 0.0250 94.3 % mg/kg mg/kg ND 20.0 95.2 % mg/kg 5120 25.0 65.6 50.0	Result Limit Dilution mg/kg mg/kg Anal ND 0.0250 1 0.0455 0.0250 1 ND 0.0250 1 0.162 0.0250 1 0.169 0.0500 1 0.331 0.0250 1 94.3 % 70-130 mg/kg mg/kg Anal ND 20.0 1 95.2 % 70-130 mg/kg mg/kg mg/kg Anal 5120 25.0 1 65.6 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 0.0455 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 0.162 0.0250 1 01/17/25 0.169 0.0500 1 01/17/25 0.331 0.0250 1 01/17/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 mg/kg mg/kg Analyst: NV 5120 25.0 1 01/17/25 65.6 50.0 1 01/17/25	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 01/21/25 0.0455 0.0250 1 01/17/25 01/21/25 ND 0.0250 1 01/17/25 01/21/25 0.162 0.0250 1 01/17/25 01/21/25 0.169 0.0500 1 01/17/25 01/21/25 0.331 0.0250 1 01/17/25 01/21/25 94.3 % 70-130 01/17/25 01/21/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 01/21/25 mg/kg mg/kg Analyst: NV 01/21/25 5120 25.0 1 01/17/25 01/17/25 65.6 50.0 1 01/17/25 01/17/25



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS21-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	0.275	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	0.0671	0.0500	1	01/17/25	01/21/25	
Total Xylenes	0.0671	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	20.8	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.6 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	303	25.0	1	01/17/25	01/17/25	
Oil Range Organics (C28-C36)	138	50.0	1	01/17/25	01/17/25	
Surrogate: n-Nonane		120 %	50-200	01/17/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2503120
Chloride	2690	40.0	2	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS25-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		88.4 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.8 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	301	25.0	1	01/17/25	01/17/25	
Oil Range Organics (C28-C36)	663	50.0	1	01/17/25	01/17/25	
Surrogate: n-Nonane		132 %	50-200	01/17/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2503120
Chloride	6670	100	5	01/18/25	01/18/25	



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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS28-0'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	0.0688	0.0500	1	01/17/25	01/21/25	
Total Xylenes	0.0688	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/17/25	
Oil Range Organics (C28-C36)	68.8	50.0	1	01/17/25	01/17/25	
Surrogate: n-Nonane		119 %	50-200	01/17/25	01/17/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2503120
Chloride	4480	40.0	2	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
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FS55-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.3 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	742	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	131	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		123 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2503120
Chloride	5120	40.0	2	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS57-0'

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		90.7 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	alyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	38.4	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		121 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2503120



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS58-0'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	0.0265	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	0.0265	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	196	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		121 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	nalyst: JM		Batch: 2503120



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS59-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	487	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	429	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		122 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2503120
		·	·	·	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS60-0'

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.6 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	125	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		123 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2503120
					01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS61-0'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		87.4 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	llyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.8 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	lyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	85.9	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		121 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	lyst: JM		Batch: 2503120
Chloride	1650	20.0	1	01/18/25	01/18/25	·



Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS62-0'

		E501108-19				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.4 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	516	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	484	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		126 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2503120

20.0

1930

01/18/25

01/18/25



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM

FS63-0'

		E501108-20				
		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2503113
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		88.9 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ar	nalyst: SL		Batch: 2503113
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.4 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ar	nalyst: NV		Batch: 2503110
Diesel Range Organics (C10-C28)	367	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	57.3	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		129 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ar	alyst: JM		Batch: 2503120
Chloride	1860	20.0	1	01/18/25	01/18/25	



Janie Conner Well Pad Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 1/23/2025 11:55:24AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2503113-BLK1) Prepared: 01/17/25 Analyzed: 01/20/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.91 8.00 86.4 70-130 LCS (2503113-BS1) Prepared: 01/17/25 Analyzed: 01/20/25 4.82 96.4 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.74 0.0250 5.00 94.8 70-130 4.83 0.0250 5.00 96.6 70-130 Toluene o-Xylene 4.73 0.0250 5.00 94.6 70-130 9.67 10.0 96.7 70-130 0.0500 p.m-Xvlene 96.0 70-130 14.4 15.0 Total Xylenes 0.0250 8.00 86.3 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.91 Matrix Spike (2503113-MS1) Source: E501108-03 Prepared: 01/17/25 Analyzed: 01/20/25 4.84 0.0250 5.00 ND 54-133 Benzene 61-133 Ethylbenzene 4.73 0.0250 5.00 ND 94.6 Toluene 4.84 0.0250 5.00 ND 96.8 61-130 4.73 ND 94.5 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.61 0.0500 10.0 ND 96.1 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.03 8.00 Matrix Spike Dup (2503113-MSD1) Source: E501108-03 Prepared: 01/17/25 Analyzed: 01/21/25 4.71 0.0250 5.00 ND 94.3 54-133 2.75 20 61-133 1.50 4.66 0.0250 5.00 ND 93.2 20 Ethylbenzene 61-130 Toluene 4 74 0.0250 5.00 ND 947 2 17 20

5.00

10.0

15.0

8.00

0.0250

0.0500

0.0250

ND

ND

ND

92.8

94.9

94.2

85.7

63-131

63-131

63-131

70-130

1.86

1.25

1.45

20

20

20



o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

4.64

9.49

14.1

6.85

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/23/2025 11:55:24AM

Dallas TX, 75240		Project Manager	r: As	shley Gioveng	go			1/2	:3/2025 11:55:24AN
	Non	halogenated	Organics l	by EPA 80	15D - GI	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 (2503113-BLK1)							Prepared: 0	1/17/25 Ana	lyzed: 01/20/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.59		8.00		94.9	70-130			
LCS (2503113-BS2)							Prepared: 0	1/17/25 Ana	lyzed: 01/20/25
Gasoline Range Organics (C6-C10)	40.4	20.0	50.0		80.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.75		8.00		96.9	70-130			
Matrix Spike (2503113-MS2)				Source:	E501108-0)3	Prepared: 0	1/17/25 Ana	lyzed: 01/21/25
Gasoline Range Organics (C6-C10)	42.5	20.0	50.0	ND	85.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			
Matrix Spike Dup (2503113-MSD2)				Source:	E501108-0)3	Prepared: 0	1/17/25 Ana	lyzed: 01/20/25

50.0

8.00

ND

81.3

94.3

70-130

70-130

4.52

20

20.0

7.55

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/23/2025 11:55:24AM

Dallas 1X, /5240		Project Manager	r: As	niey Gioveng	go				1/23/2025 11:55:24AN
	Nonha	logenated Or	ganics by	EPA 8015I	D - DRO	ORO			Analyst: NV
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503110-BLK1)							Prepared: 0	1/17/25 A	analyzed: 01/17/25
iesel Range Organics (C10-C28)	ND	25.0							
il Range Organics (C28-C36)	ND	50.0							
urrogate: n-Nonane	56.4		50.0		113	50-200			
CS (2503110-BS1)							Prepared: 0	1/17/25 A	analyzed: 01/17/25
iesel Range Organics (C10-C28)	265	25.0	250		106	38-132			
urrogate: n-Nonane	55.1		50.0		110	50-200			
Matrix Spike (2503110-MS1)				Source:	E501108-0)7	Prepared: 0	1/17/25 A	analyzed: 01/17/25
iesel Range Organics (C10-C28)	301	25.0	250	ND	121	38-132			
urrogate: n-Nonane	60.2		50.0		120	50-200			
Matrix Spike Dup (2503110-MSD1)				Source:	E501108-0	7	Prepared: 0	1/17/25 A	analyzed: 01/17/25
iesel Range Organics (C10-C28)	304	25.0	250	ND	122	38-132	0.874	20	
	50.	25.0							

Matrix Spike Dup (2503120-MSD1)

Chloride

1960

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Janie Conner Well Pad 23003-0002	Reported:			
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 11:55:24AM			
Amions by EDA 200 0/005/A						

	Anions by EPA 300.0/9056A						Analyst: JM		
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503120-BLK1)							Prepared: 0	1/18/25 Ana	alyzed: 01/18/25
Chloride	ND	20.0							
LCS (2503120-BS1)							Prepared: 0	1/18/25 Ana	alyzed: 01/18/25
Chloride	251	20.0	250		100	90-110			
Matrix Spike (2503120-MS1)				Source: E501108-08			Prepared: 01/18/25 Analyzed: 01/18/25		
Chloride	1980	20.0	250	1740	96.6	80-120			

250

20.0

Source: E501108-08

90.3

80-120

0.795

1740

QC Summary Report Comment:

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



Prepared: 01/18/25 Analyzed: 01/18/25

Definitions and Notes

l	Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/23/25 11:55

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.

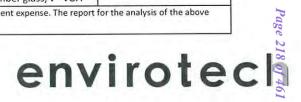


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TX	Received by
RCRA)CD: 3/
or N	3/4/2025

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1330 115/25 5 FSO8 - 1' 2					Sam	ple Informat	tion				30 by	NO by	8023	8260	300	NN.	05 - T)	Meta	1.1				
1335 FSIO - I' 3 3 3 3 3 3 3 3 3		Date Sampled	Matrix				Sample ID		Field	Lab Numbe	DRO/OF	GRO/DF	втех ьу	VOC by	Chloride	верос	TCEQ 10	RCRA 8			Ren	narks	
1335 FSIO - I' 3 3 3 3 3 3 3 3 3	1330	1115/25	5	1		F	508-11			1						X							
Sample by: Cignature Date Time Received by: (Signature) Date Time		V	1	1						2						1							
1337 FSIG - I\ S SIG - I\ SIG - I\ S SIG - I\										3													
FS17-0' FS18-0' Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, bdeal@ensolum.com, bsimmons@ensolum.com [I (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by: Chad Hamilton Mignic Control of the sample location is considered fraud and may be grounds for legal action. Sampled by: Chad Hamilton Mignic Control of the sample location is considered fraud and may be grounds for legal action. Sampled by: Chad Hamilton Mignic Control of the sample location is considered fraud and may be grounds for legal action. Sampled by: Cignature) Date Time Date Time Date Time Samples requiring thermal preservation must be received on ice the day of the sample or received packed in text at an avg temp above 0 but less than 6' to the sample of the sample of received packed in text at an avg temp above 0 but less than 6' to the sample of the sample of received packed in text at an avg temp above 0 but less than 6' to the sample of the samp						FS	315-0			4													
F518-0 1337					F	516-11																	
F518-0' Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, beimmons@ensolum.com F521-0' Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, beimmons@ensolum.com F521-0' F520-0' F521-0' F520-0' F521-0' F520-0' F521-0' F520-0' F521-0' F520-0' F521-0' F520-0' F520-0' F521-0' F520-0' F520	0800					E	517-01																
F519 - O	0757					FS	518-0'			1										_			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, bdeal@ensolum.com, bsimmons@ensolum.com It, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:	3752					FS	519-0'			8										_			
Additional Instructions: Please CC: cburton@ensolum.com, agiovengo@ensolum.com, chamilton@ensolum.com, iestrella@ensolum.com, bdeal@ensolum.com, bbimmons@ensolum.com I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:	0754						FSZO-O			9													
bisimmons@ensolum.com I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:Chad Hamilton		7	1	L						-						1							
In (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. Sampled by:				ase CC: c	burton@e	ensolum.con	n, agiovengo@enso	olum.com, cha	milto	n@ensc	olum	.com	, iest	rella@	pens	olun	i.con	n, bde	al@enso	lum.d	com,		
Relinquished by: Chad Hamilton Migne Goszalez, Olymple Idector Belinquished by: (Signature) Relinquished by: (Signature) Date Time Received by: Signature) Date Time Date Time Received by: Signature) Date Time Tab Tab Tab Tab Tab Tab Tab Ta				dauthenticit	y of this same	de Lamaware th	hat tampering with or inte	ntionally mislaheling	the sar	nnle locatio	on dat	te or tir	ne of c	ollection	n is co	nsidere	d frau	d and m	av be ground	ds for le	egal action.		
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Michelle Gonzales 1-16-15 1500	NE.			111	6/24-25	-10:00	Missrelle (Jonsales	11	625		000				subsec	ed or re	ceived pa avs	cked in ice at a	an avg te	emp above 0 but le	ess than 6	"C on
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AVG Temp °CT						Time	Received by: (Signat	ture)											4				
Sample Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																						*	
Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the absamples 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.	Note: Samples is	pies are discard applicable only	to those s	s atter resu	its are repo	rted unless other	er arrangements are ma th this COC. The liability	age. Hazardous sa v of the lahoratory	mples is limi	ted to the	e amo	unt pa	ent or id for	on the	repo	rt.	clier	ic exper	ise. The rep	3016 10	The analysis	or tile at	Jove





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	Clie	nt Inform	ation			Invoice Informati	on				Lal	b Us	e Or	nly				TA	T			State	e
Project:	Matador Prod Janie Conne	Well Pa	d		Ac	mpany: Ensolum LLC Idress: 3122 National Park		1	ab M E S	vo#	108	3	Job Z	Num SO	ber 3.00	OZ	1D	2D	3D S		NM X	CO UT	TX
	Manager: Asl 3122 Natio					y, State, Zip: Carlsbad NM, one: 575-988-0055	88220	-	T				Ana	lysis	and	Met	hod	_		T	EP	A Progra	ım
	e, Zip: Carls					nail: agiovengo@ensolum	n.com		1									F			SDWA	CWA	RCRA
1	575-988-005	The state of the s			Mis	scellaneous:																For	1.0
Email: a	giovengo@e	nsolum.c	om				-			015	015		1.8							-	Compliant PWSID #	ce Y	or N
-				Sami	ple Informati	on	-		-	by 8	by 8	3021	260	300.0	ΝN	XT-8	letals			-	FVV3ID#		
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lat 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					Remarks	
1039	1/15/25	S	1		F	525-0'		11							X								
0822					F:	528-01		12							1								
1031					F	555-0'		13															
0747					P	-557-0		14															
0749					F	558-0		15							1								
0748					F	559-01		10															
0744					F	560-0		17															
0745					Ĩ	-561-0		18															
0743						F362-0'		19							1								
073C	1	4	7			F563-01		21							1								
bsimmo	ns@ensolum oler), attest to the	.com validity and	authenticity	of this sampl	le. I am aware tha	, agiovengo@ensolum.con																	
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Mich	ed by: (Signature) ed by: (Signature)	marl	Date	6.25	Time 520	Received by: (Signature)	Date	16.1	T	Time	43	0				eived		ce:	Lal	Us N	e Only		
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	rix: S - Soil, Sd - S		dae A - Agua	ous O - Otho	Time.	neceived by: (Signature)	Con	ntainer	Type	· g -	glass	p - r	oly/i	plasti		Ten			+ - VOA				
						r arrangements are made. Hazaro															for the anal	ysis of the	above
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Printed: 1/17/2025 11:44:01AM

Envirotech Analytical Laboratory

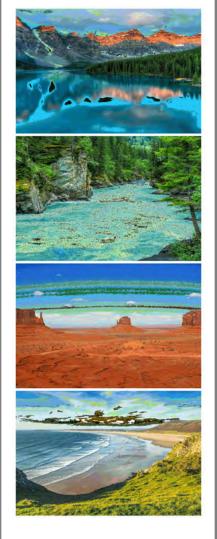
Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client: Matador Resources, LLC.	Date Received:	01/17/25	08:15	Work Order ID:	E501108
Phone: (972) 371-5200	Date Logged In:	01/16/25	14:48	Logged In By:	Caitlin Mars
Email: agiovengo@ensolum.com	Due Date:	01/23/25	17:00 (4 day TAT)		
Chain of Custody (COC)					
1. Does the sample ID match the COC?		Yes			
2. Does the number of samples per sampling site location ma	tch the COC	Yes			
3. Were samples dropped off by client or carrier?		Yes	Carrier: C	<u>Courier</u>	
${\it 4. Was the COC complete, i.e., signatures, dates/times, requestions} \\$	ested analyses?	Yes			
 Were all 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>Commer</u>	nts/Resolution
Sample Turn Around Time (TAT)			ĺ		
6. Did the COC indicate standard TAT, or Expedited TAT?		Yes		Project Janie Conner V	Vell Pad has been
Sample Cooler				separated into 3 Repor	ts due to sample
7. Was a sample cooler received?		Yes		volume. WOs are E503	*
8. If yes, was cooler received in good condition?		Yes		E501110.	1100, 2201109,
9. Was the sample(s) received intact, i.e., not broken?		Yes		E301110.	
10. Were custody/security seals present?		No	l		
11. If yes, were custody/security seals intact?		NA	l		
12. Was the sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples at minutes of sampling 13. If no visible ice, record the temperature. Actual sample	re received w/i 15	Yes			
, .	competature. 4	<u>~</u>	l		
Sample Container 14. Are aqueous VOC samples present?		No			
15. Are VOC samples collected in VOA Vials?		No NA			
16. Is the head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a trip blank (TB) included for VOC analyses?		NA			
18. Are non-VOC samples collected in the correct containers	:9	Yes			
19. Is the appropriate volume/weight or number of sample contain		Yes			
Field Label		100			
20. Were field sample labels filled out with the minimum information Sample ID?	ormation:	Yes			
Date/Time Collected?		Yes	ı		
Collectors name?		No			
Sample Preservation					
21. Does the COC or field labels indicate the samples were p	reserved?	No			
22. Are sample(s) correctly preserved?		NA			
24. Is lab filteration required and/or requested for dissolved r	netals?	No			
Multiphase Sample Matrix					
26. Does the sample have more than one phase, i.e., multipha		No			
27. If yes, does the COC specify which phase(s) is to be anal	yzed?	NA			
Subcontract Laboratory					
28. Are samples required to get sent to a subcontract laborate	ory?	No			
29. Was a subcontract laboratory specified by the client and i	-	NA	Subcontract Lab	: NA	
Client Instruction					
Client Instruction					
Signature of client authorizing changes to the COC or sample dis				Date	envirotech Ir

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: Janie Conner Well Pad

Work Order: E501109

Job Number: 23003-0002

Received: 1/17/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 1/24/25

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

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

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

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

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

Date Reported: 1/24/25

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

Project Name: Janie Conner Well Pad

Workorder: E501109

Date Received: 1/17/2025 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2025 8:15:00AM, under the Project Name: Janie Conner Well Pad.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Michelle Gonzales

Client Representative

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Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo01/24/25 15:37

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS65-0'	E501109-01A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS76-0'	E501109-02A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS66-0'	E501109-03A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS68-0'	E501109-04A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS70-0.5'	E501109-05A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS71-0.5'	E501109-06A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS72-0'	E501109-07A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS73-0'	E501109-08A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS74-0.5'	E501109-09A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS75-0'	E501109-10A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS77-0'	E501109-11A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS78-0.5'	E501109-12A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS79-0.5'	E501109-13A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS80-0.5'	E501109-14A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS81-0.5'	E501109-15A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS82-0.5'	E501109-16A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS83-0'	E501109-17A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS85-0'	E501109-18A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS87-0'	E501109-19A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS88-0.5'	E501109-20A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/2025 3:37:10PM

FS65-0' E501109-01

Result	Reporting Limit	Dilu	ution	Prepared	Analyzed	Notes
				•		Batch: 2503115
			1	01/17/25	01/20/25	Buten: 20 00 110
			1	01/17/25	01/20/25	
ND			1	01/17/25	01/20/25	
ND	0.0250		1	01/17/25	01/20/25	
ND	0.0500		1	01/17/25	01/20/25	
ND	0.0250		1	01/17/25	01/20/25	
	98.8 %	70-130		01/17/25	01/20/25	
	102 %	70-130		01/17/25	01/20/25	
	97.9 %	70-130		01/17/25	01/20/25	
mg/kg	mg/kg		Analyst:	: BA		Batch: 2503115
ND	20.0	1	1	01/17/25	01/20/25	
	98.8 %	70-130		01/17/25	01/20/25	
	102 %	70-130		01/17/25	01/20/25	
	97.9 %	70-130		01/17/25	01/20/25	
mg/kg	mg/kg		Analyst:	: NV		Batch: 2503111
296	25.0		1	01/17/25	01/22/25	
275	50.0		1	01/17/25	01/22/25	
	122 %	50-200		01/17/25	01/22/25	
mg/kg	mg/kg		Analyst:	: AK		Batch: 2503121
6800	100		5	01/20/25	01/20/25	
	mg/kg ND Mg/kg ND mg/kg 296 275	mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0250 MD 98.8 % 102 % 97.9 % mg/kg mg/kg ND 20.0 98.8 % 102 % 97.9 % 97.9 % mg/kg mg/kg 296 25.0 275 50.0 122 % mg/kg mg/kg mg/kg	Result Limit Dile mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 98.8 % 70-130 102 % 70-130 97.9 % 70-130 mg/kg mg/kg ND 20.0 98.8 % 70-130 102 % 70-130 97.9 % 70-130 mg/kg mg/kg 296 25.0 275 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 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 98.8 % 70-130 97.9 % 70-130 mg/kg mg/kg Analyst ND 20.0 1 98.8 % 70-130 70-130 mg/kg mg/kg Analyst mg/kg mg/kg Analyst 296 25.0 1 122 % 50-200 mg/kg Mg/kg Analyst	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0500 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 102 % 70-130 01/17/25 97.9 % 70-130 01/17/25 mg/kg mg/kg Analyst: BA ND 20.0 1 01/17/25 102 % 70-130 01/17/25 97.9 % 70-130 01/17/25 97.9 % 70-130 01/17/25 mg/kg mg/kg Analyst: NV 296 25.0 1 01/17/25 275 50.0 1 01/17/25 mg/kg mg/kg Analyst: AK	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/17/25 01/20/25 ND 0.0500 1 01/17/25 01/20/25 ND 0.0250 1 01/17/25 01/20/25 ND 0.0250 1 01/17/25 01/20/25 98.8 % 70-130 01/17/25 01/20/25 97.9 % 70-130 01/17/25 01/20/25 mg/kg mg/kg Analyst: BA ND 20.0 1 01/17/25 01/20/25 102 % 70-130 01/17/25 01/20/25 97.9 % 70-130 01/17/25 01/20/25 mg/kg mg/kg Analyst: NV 296 25.0 1



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 3:37:10PM

FS76-0'

		E501109-02					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2503115
Benzene	ND	0.0250	1	1	01/17/25	01/20/25	
Ethylbenzene	ND	0.0250	1	1	01/17/25	01/20/25	
Toluene	ND	0.0250	1	1	01/17/25	01/20/25	
o-Xylene	ND	0.0250	1	1	01/17/25	01/20/25	
p,m-Xylene	ND	0.0500	1	1	01/17/25	01/20/25	
Total Xylenes	ND	0.0250	1	1	01/17/25	01/20/25	
Surrogate: Bromofluorobenzene		99.3 %	70-130		01/17/25	01/20/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		01/17/25	01/20/25	
Surrogate: Toluene-d8		97.3 %	70-130		01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	01/17/25	01/20/25	
Surrogate: Bromofluorobenzene		99.3 %	70-130		01/17/25	01/20/25	
Surrogate: 1,2-Dichloroethane-d4		98.9 %	70-130		01/17/25	01/20/25	
Surrogate: Toluene-d8		97.3 %	70-130		01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2503111
Diesel Range Organics (C10-C28)	ND	25.0	1	1	01/17/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/17/25	01/22/25	
Surrogate: n-Nonane		119 %	50-200		01/17/25	01/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2503121
Chloride	2980	40.0	2	2	01/20/25	01/20/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 3:37:10PM

FS66-0' E501109-03

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: BA	Λ		Batch: 2503115
Benzene	ND	0.0250	1		01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	Į.	01/17/25	01/21/25	
Toluene	ND	0.0250	1	Į.	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	ļ.	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	Į.	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1		01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		94.5 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA	Λ		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1	Į.	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		94.5 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV	7		Batch: 2503111
Diesel Range Organics (C10-C28)	58.6	25.0	1		01/17/25	01/22/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	01/17/25	01/22/25	
Surrogate: n-Nonane	·	117 %	50-200		01/17/25	01/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: Ak	ζ		Batch: 2503121
Chloride	7350		5				



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS68-0'

E501109-04

		Reporting					
Analyte	Result	Limit	Dilut	tion 1	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA			Batch: 2503115
Benzene	ND	0.0250	1	(01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	(01/17/25	01/21/25	
Toluene	ND	0.0250	1	(01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	(01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	(01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	(01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.0 %	70-130	-	01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		95.5 %	70-130	•	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: BA			Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1	(01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.0 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		95.5 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2503111
Diesel Range Organics (C10-C28)	2550	125	5	. (01/17/25	01/21/25	
Oil Range Organics (C28-C36)	10700	250	5	(01/17/25	01/21/25	
Surrogate: n-Nonane		116 %	50-200		01/17/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK			Batch: 2503121
11110119 8 9 12111 0 0 0 10 1 9 0 0 0 1 1							



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS70-0.5' E501109-05

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: E	BA		Batch: 2503115
Benzene	ND	0.0250	1		01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1		01/17/25	01/21/25	
Toluene	ND	0.0250	1		01/17/25	01/21/25	
o-Xylene	ND	0.0250	1		01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1		01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1		01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.0 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		97.0 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: F	BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.0 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		97.0 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: N	IV		Batch: 2503111
Diesel Range Organics (C10-C28)	30.7	25.0	1		01/17/25	01/18/25	
Oil Range Organics (C28-C36)	139	50.0	1		01/17/25	01/18/25	
Surrogate: n-Nonane		123 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: A	ΛK		Batch: 2503121
	3980	40.0	2		01/20/25	01/20/25	

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 3:37:10PM

FS71-0.5' E501109-06

		E301107-00				
Anglyta	Result	Reporting Limit	Diluti	ion Prepared	A malvina J	Notes
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2503115
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.9 %	70-130	01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	01/17/25	01/21/25	
Surrogate: Toluene-d8		96.6 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.9 %	70-130	01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	01/17/25	01/21/25	
Surrogate: Toluene-d8		96.6 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2503111
Diesel Range Organics (C10-C28)	30.3	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	59.8	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		123 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK		Batch: 2503121
Chloride	4380	200	10	01/20/25	01/20/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS72-0' E501109-07

	D 1	Reporting				N
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2503115
Benzene	ND	0.0250	1	01/17/25	01/20/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/20/25	
Toluene	ND	0.0250	1	01/17/25	01/20/25	
o-Xylene	ND	0.0250	1	01/17/25	01/20/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/20/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/20/25	
Surrogate: Bromofluorobenzene		96.2 %	70-130	01/17/25	01/20/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	01/17/25	01/20/25	
Surrogate: Toluene-d8		93.8 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/20/25	
Surrogate: Bromofluorobenzene		96.2 %	70-130	01/17/25	01/20/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	01/17/25	01/20/25	
Surrogate: Toluene-d8		93.8 %	70-130	01/17/25	01/20/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2503111
Diesel Range Organics (C10-C28)	1430	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	62.3	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		123 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK		Batch: 2503121
Chloride	1820	40.0	2	01/20/25	01/20/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 3:37:10PM

FS73-0'

		E501109-08					
		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2503115
Benzene	ND	0.0250		1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250		1	01/17/25	01/21/25	
Toluene	ND	0.0250		1	01/17/25	01/21/25	
o-Xylene	ND	0.0250		1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500		1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250		1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		98.2 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.6 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		98.2 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2503111
Diesel Range Organics (C10-C28)	657	25.0		1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	1310	50.0		1	01/17/25	01/18/25	
Surrogate: n-Nonane		127 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2503121
Chloride	2810	40.0		2	01/20/25	01/20/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS74-0.5' E501109-09

		E301107-07					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	:: BA		Batch: 2503115
Benzene	ND	0.0250		1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250		1	01/17/25	01/21/25	
Toluene	ND	0.0250		1	01/17/25	01/21/25	
o-Xylene	ND	0.0250		1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500		1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250		1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.4 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		96.3 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	:: BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.4 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		96.3 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	:: NV		Batch: 2503111
Diesel Range Organics (C10-C28)	ND	25.0		1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	66.4	50.0		1	01/17/25	01/18/25	
Surrogate: n-Nonane		121 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	:: AK		Batch: 2503121
Chloride	4650	200	1	0	01/20/25	01/20/25	
Cilionae	4030	200		. 0	01/20/20	01/20/20	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS75-0'

E501109-10

	_	Reporting	_				
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2503115
Benzene	ND	0.0250		1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250		1	01/17/25	01/21/25	
Toluene	ND	0.0250		1	01/17/25	01/21/25	
o-Xylene	ND	0.0250		1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500		1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250		1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		98.3 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		95.9 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		98.3 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		95.9 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2503111
Diesel Range Organics (C10-C28)	664	25.0	•	1	01/17/25	01/18/25	_
Oil Range Organics (C28-C36)	ND	50.0		1	01/17/25	01/18/25	
Surrogate: n-Nonane		122 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: AK		Batch: 2503121
Chloride	2080	40.0		2	01/20/25	01/20/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 3:37:10PM

FS77-0'

		E501109-11					
		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst: B	A		Batch: 2503115
Benzene	ND	0.0250	1	ļ	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	!	01/17/25	01/21/25	
Toluene	ND	0.0250	1	l	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	l	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	Į.	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	ļ	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		94.8 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: B	A		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		97.5 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		94.8 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: N	V		Batch: 2503111
Diesel Range Organics (C10-C28)	ND	25.0	1		01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	ļ.	01/17/25	01/18/25	
Surrogate: n-Nonane		120 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: A	K		Batch: 2503121
Chloride	2620	40.0	2	2	01/20/25	01/20/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS78-0.5' E501109-12

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2503115
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		96.5 %	70-130	01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	01/17/25	01/21/25	
Surrogate: Toluene-d8		97.1 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		96.5 %	70-130	01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	01/17/25	01/21/25	
Surrogate: Toluene-d8		97.1 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2503111
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		124 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK		Batch: 2503121
Chloride	4400	200	10	01/20/25	01/20/25	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS79-0.5' E501109-13

		2001107 10				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: BA	·	Batch: 2503115
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		98.5 %	70-130	01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	01/17/25	01/21/25	
Surrogate: Toluene-d8		96.5 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		98.5 %	70-130	01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	01/17/25	01/21/25	
Surrogate: Toluene-d8		96.5 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2503111
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		123 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2503121
Chloride	4050	200	10	01/20/25	01/20/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS80-0.5' E501109-14

Result			tion Propor	ed Analyzed	Notes
Result	Lillit	Dilui	поп гтерат	eu Anaryzeu	Notes
mg/kg	mg/kg	A	Analyst: BA		Batch: 2503115
ND	0.0250	1	01/17/	25 01/21/25	
ND	0.0250	1	01/17/	25 01/21/25	
ND	0.0250	1	01/17/	25 01/21/25	
ND	0.0250	1	01/17/	25 01/21/25	
ND	0.0500	1	01/17/	25 01/21/25	
ND	0.0250	1	01/17/	25 01/21/25	
	96.6 %	70-130	01/17/	25 01/21/25	
	101 %	70-130	01/17/	25 01/21/25	
	97.8 %	70-130	01/17/	25 01/21/25	
mg/kg	mg/kg	A	Analyst: BA		Batch: 2503115
ND	20.0	1	01/17/	25 01/21/25	
	96.6 %	70-130	01/17/	25 01/21/25	
	101 %	70-130	01/17/	25 01/21/25	
	97.8 %	70-130	01/17/	25 01/21/25	
mg/kg	mg/kg	A	Analyst: NV		Batch: 2503111
ND	25.0	1	01/17/	25 01/18/25	
ND	50.0	1	01/17/	25 01/18/25	
	124 %	50-200	01/17/	25 01/18/25	
mg/kg	mg/kg	A	Analyst: AK		Batch: 2503121
	ND N	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 ND 0.0250 MD 97.8 % mg/kg mg/kg ND 20.0 96.6 % 101 % 97.8 % 97.8 % mg/kg mg/kg ND 25.0 ND 50.0	mg/kg mg/kg rag/kg ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 101 % 70-130 97.8 % 70-130 mg/kg mg/kg 1 96.6 % 70-130 101 % 70-130 97.8 % 70-130 mg/kg mg/kg ND 25.0 1 ND 50.0 1	Result Limit Dilution Preparence mg/kg mg/kg Analyst: BA ND 0.0250 1 01/17/1 ND 0.0250 1 01/17/1 ND 0.0250 1 01/17/1 ND 0.0250 1 01/17/1 ND 0.0500 1 01/17/1 ND 0.0250 1 01/17/1 101 % 70-130 01/17/1 97.8 % 70-130 01/17/1 mg/kg mg/kg Analyst: BA ND 20.0 1 01/17/1 97.8 % 70-130 01/17/1 97.8 % 70-130 01/17/1 97.8 % 70-130 01/17/1 97.8 % 70-130 01/17/1 97.8 % 70-130 01/17/1 97.8 % 70-130 01/17/1 ND 25.0 1 01/17/1 ND 50.0 1 01/17/1	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/17/25 01/21/25 ND 0.0250 1 01/17/25 01/21/25 ND 0.0250 1 01/17/25 01/21/25 ND 0.0500 1 01/17/25 01/21/25 ND 0.0500 1 01/17/25 01/21/25 ND 0.0250 1 01/17/25 01/21/25 ND 0.0250 1 01/17/25 01/21/25 ND 70-130 01/17/25 01/21/25 97.8 % 70-130 01/17/25 01/21/25 mg/kg mg/kg Analyst: BA ND 20.0 1 01/17/25 01/21/25 97.8 % 70-130 01/17/25 01/21/25 97.8 % 70-130 01/17/25 01/21/25 97.8 % 70-130 01/17/25 01/21/25 97.8 % 70-130



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 3:37:10PM

FS81-0.5' E501109-15

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: BA		Batch: 2503115
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		99.2 %	70-130	01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	01/17/25	01/21/25	
Surrogate: Toluene-d8		98.4 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		99.2 %	70-130	01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		98.1 %	70-130	01/17/25	01/21/25	
Surrogate: Toluene-d8		98.4 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2503111
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		121 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: AK		Batch: 2503121



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS82-0.5' E501109-16

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: B	A		Batch: 2503115
Benzene	ND	0.0250	1		01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1		01/17/25	01/21/25	
Toluene	ND	0.0250	1		01/17/25	01/21/25	
o-Xylene	ND	0.0250	1		01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1		01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1		01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		98.3 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		98.2 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: B	A		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		98.3 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		98.2 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: N	V		Batch: 2503111
Diesel Range Organics (C10-C28)	ND	25.0	1		01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/17/25	01/18/25	
Surrogate: n-Nonane		122 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: Al	Κ		Batch: 2503121
Chloride	5000	200	10)	01/20/25	01/20/25	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS83-0'

E501109-17

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2503115
Benzene	ND	0.0250	1	[01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	l	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	l	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		98.7 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		96.4 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		98.7 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		96.4 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2503111
Diesel Range Organics (C10-C28)	72.5	25.0	1	1	01/17/25	01/18/25	T17
Oil Range Organics (C28-C36)	106	50.0	1	1	01/17/25	01/18/25	
Surrogate: n-Nonane		119 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2503121
				5	01/20/25	01/20/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS85-0'

E501109-18

	_	Reporting	_				
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: BA		Batch: 2503115
Benzene	ND	0.0250		1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250		1	01/17/25	01/21/25	
Toluene	ND	0.0250		1	01/17/25	01/21/25	
o-Xylene	ND	0.0250		1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500		1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250		1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		98.5 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		95.8 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		98.5 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		95.8 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2503111
Diesel Range Organics (C10-C28)	49.1	25.0	•	1	01/17/25	01/18/25	_
Oil Range Organics (C28-C36)	ND	50.0		1	01/17/25	01/18/25	
Surrogate: n-Nonane		120 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: AK		Batch: 2503121
Chloride	6690	100		5	01/20/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 3:37:10PM

FS87-0' E501109-19

					E301107-17		
Notes	Analyzed	Prepared	lution		Reporting Limit	Result	Analyte
Notes	Anaiyzed	Prepared	lution	Di	Limit	Result	Analyte
Batch: 2503115		BA	Analyst: l		mg/kg	mg/kg	Volatile Organic Compounds by EPA 8260B
	01/21/25	01/17/25	1		0.0250	ND	Benzene
	01/21/25	01/17/25	1		0.0250	ND	Ethylbenzene
	01/21/25	01/17/25	1		0.0250	ND	Toluene
	01/21/25	01/17/25	1		0.0250	ND	o-Xylene
	01/21/25	01/17/25	1		0.0500	ND	p,m-Xylene
	01/21/25	01/17/25	1		0.0250	ND	Total Xylenes
	01/21/25	01/17/25		70-130	97.7 %		Surrogate: Bromofluorobenzene
	01/21/25	01/17/25		70-130	99.9 %		Surrogate: 1,2-Dichloroethane-d4
	01/21/25	01/17/25		70-130	96.3 %		Surrogate: Toluene-d8
Batch: 2503115		BA	Analyst: l		mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - GRO
	01/21/25	01/17/25	1		20.0	ND	Gasoline Range Organics (C6-C10)
	01/21/25	01/17/25		70-130	97.7 %		Surrogate: Bromofluorobenzene
	01/21/25	01/17/25		70-130	99.9 %		Surrogate: 1,2-Dichloroethane-d4
	01/21/25	01/17/25		70-130	96.3 %		Surrogate: Toluene-d8
Batch: 2503111		NV	Analyst: 1		mg/kg	mg/kg	Nonhalogenated Organics by EPA 8015D - DRO/ORO
	01/18/25	01/17/25	1		25.0	566	Diesel Range Organics (C10-C28)
	01/18/25	01/17/25	1		50.0	324	Oil Range Organics (C28-C36)
	01/18/25	01/17/25		50-200	118 %		Surrogate: n-Nonane
Batch: 2503121		AK	Analyst:		mg/kg	mg/kg	Anions by EPA 300.0/9056A
	01/22/25	01/20/25	5	_	100	6820	Chloride
	01/22/25						Anions by EPA 300.0/9056A



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

FS88-0.5' E501109-20

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: B	A		Batch: 2503115
Benzene	ND	0.0250	1		01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1		01/17/25	01/21/25	
Toluene	ND	0.0250	1		01/17/25	01/21/25	
o-Xylene	ND	0.0250	1		01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1		01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1		01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		96.4 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		97.8 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: B	A		Batch: 2503115
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/17/25	01/21/25	
Surrogate: Bromofluorobenzene		96.4 %	70-130		01/17/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		01/17/25	01/21/25	
Surrogate: Toluene-d8		97.8 %	70-130		01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: N	V		Batch: 2503111
Diesel Range Organics (C10-C28)	58.6	25.0	1		01/17/25	01/18/25	T17
Oil Range Organics (C28-C36)	68.8	50.0	1		01/17/25	01/18/25	
Surrogate: n-Nonane		129 %	50-200		01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: A	K		Batch: 2503121
Chloride	3850	40.0	2		01/20/25	01/22/25	

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/24/2025 3:37:10PM

Dallas TX, 75240		Project Manager	:: As	shley Gioveng	go			1/2	24/2025 3:37:10PM
	Ve	olatile Organi	ic Compo	unds by El	PA 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 (2503115-BLK1)							Prepared: 0	1/17/25 Anal	yzed: 01/20/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.468		0.500		93.5	70-130			
LCS (2503115-BS1)							Prepared: 01	1/17/25 Anal	yzed: 01/20/25
Benzene	2.38	0.0250	2.50		95.1	70-130			
Ethylbenzene	2.24	0.0250	2.50		89.4	70-130			
Toluene	2.18	0.0250	2.50		87.2	70-130			
o-Xylene	2.11	0.0250	2.50		84.2	70-130			
p,m-Xylene	4.23	0.0500	5.00		84.5	70-130			
Total Xylenes	6.33	0.0250	7.50		84.4	70-130			
Surrogate: Bromofluorobenzene	0.477		0.500		95.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.465		0.500		93.0	70-130			
Matrix Spike (2503115-MS1)				Source:	E501109-0	7	Prepared: 0	1/17/25 Anal	yzed: 01/20/25
Benzene	2.48	0.0250	2.50	ND	99.3	48-131			
Ethylbenzene	2.33	0.0250	2.50	ND	93.2	45-135			
Toluene	2.28	0.0250	2.50	ND	91.1	48-130			
o-Xylene	2.23	0.0250	2.50	ND	89.3	43-135			
o,m-Xylene	4.47	0.0500	5.00	ND	89.4	43-135			
Total Xylenes	6.70	0.0250	7.50	ND	89.4	43-135			
Surrogate: Bromofluorobenzene	0.486		0.500		97.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.512		0.500		102	70-130			
Surrogate: Toluene-d8	0.465		0.500		92.9	70-130			
Matrix Spike Dup (2503115-MSD1)				Source:	E501109-0'	7	Prepared: 0	1/17/25 Anal	yzed: 01/20/25
Benzene	2.53	0.0250	2.50	ND	101	48-131	2.07	23	
Ethylbenzene	2.42	0.0250	2.50	ND	97.0	45-135	4.02	27	
Toluene	2.37	0.0250	2.50	ND	94.9	48-130	4.15	24	
o-Xylene	2.42	0.0250	2.50	ND	96.6	43-135	7.85	27	
p,m-Xylene	4.81	0.0500	5.00	ND	96.3	43-135	7.40	27	
Total Xylenes	7.23	0.0250	7.50	ND	96.4	43-135	7.55	27	
Surrogate: Bromofluorobenzene	0.486		0.500		97.1	70-130			



0.500

0.500

101

94.5

70-130

70-130

0.505

0.473

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

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

	Result	2111110	Ec vei	1000011	rece	2	10.2	2	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503115-BLK1)							Prepared: 0	1/17/25 An	nalyzed: 01/20/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.488		0.500		97.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.468		0.500		93.5	70-130			
LCS (2503115-BS2)							Prepared: 0	1/17/25 An	nalyzed: 01/20/25
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.5	70-130			
Surrogate: Toluene-d8	0.474		0.500		94.7	70-130			
Matrix Spike (2503115-MS2)				Source:	E501109-0	07	Prepared: 0	1/17/25 An	nalyzed: 01/23/25
Gasoline Range Organics (C6-C10)	50.8	20.0	50.0	ND	102	70-130			
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.496		0.500		99.2	70-130			
Matrix Spike Dup (2503115-MSD2)				Source:	E501109-0	07	Prepared: 0	1/17/25 An	nalyzed: 01/23/25
Gasoline Range Organics (C6-C10)	53.3	20.0	50.0	ND	107	70-130	4.87	20	
Surrogate: Bromofluorobenzene	0.498		0.500		99.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8									



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/24/20253:37:10PM

	, ,		, .					
Nonha	logenated Or	ganics by	EPA 8015I) - DRO	/ORO			Analyst: NV
Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
						Prepared: 0	1/17/25 Anal	yzed: 01/18/25
ND	25.0							
ND	50.0							
63.6		50.0		127	50-200			
						Prepared: 0	1/17/25 Anal	yzed: 01/18/25
276	25.0	250		111	38-132			
58.9		50.0		118	50-200			
			Source:	E501109-0	04	Prepared: 0	1/17/25 Anal	yzed: 01/21/25
3470	125	250	2550	370	38-132			M4
57.1		50.0		114	50-200			
			Source:	E501109-0	04	Prepared: 0	1/17/25 Anal	yzed: 01/21/25
3160	125	250	2550	244	38-132	9.49	20	M4
56.2		50.0		112	50-200			
	Result mg/kg ND ND 63.6 276 58.9 3470 57.1	Result mg/kg	Result mg/kg Reporting Limit Level mg/kg Spike Level mg/kg ND 25.0 ND 50.0 50.0 63.6 50.0 276 25.0 250 250 58.9 50.0 50.0 3470 125 250 50.0 3160 125 250	Result mg/kg Reporting Limit Level mg/kg Spike Level mg/kg Source Result mg/kg ND 25.0 ND 50.0 50.0 50.0 276 25.0 250 250 50.0 58.9 50.0 50.0 50.0 3470 125 250 2550 50.0 50.0 Source: 3160 125 250 2550 2550	Result mg/kg Reporting Limit Level mg/kg Spike Level mg/kg Source Result Rec mg/kg Rec mg/kg % ND 25.0 ND 50.0 50.0 127 276 25.0 250 111 25.0 250 1118 118 Source: E501109-0 3470 125 250 2550 370 114 Source: E501109-0 3160 125 250 2550 244 2550 2550 244	Result mg/kg Limit Level mg/kg Result mg/kg Rec limits mg/kg Limits mg/kg Rec limits mg/kg Limits mg/kg Result mg/kg Rec limits mg/kg Limits mg/kg % % ND 50.0 50.0 50.0 127 50-200 50-200 111 38-132 38-132 58.9 50.0 118 50-200 50-200 50-200 50-200 111 50-200 50-200 114 50-200	Result mg/kg Reporting Limit Level mg/kg Spike Level mg/kg Source Result Rec Limits RPD mg/kg Rec Limits RPD mg/kg RPD mg/kg ND 25.0 ND 50.0 127 50-200 50.200 50.200 127 50-200 127 50-200 127 50-200 127 50-200 127 50-200 127 50-200 127 50-200 127 50-200 127 50-200 128 50-200 <td< td=""><td> Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % %</td></td<>	Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % % % % % % % % % % % % % % %

LCS (2503121-BS1)

Chloride

Prepared: 01/20/25 Analyzed: 01/20/25

90-110

100

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager:		Janie Conner W 23003-0002 Ashley Gioveng					Reported: 1/24/2025 3:37:10PM
		Anions b	by EPA	. 300.0/9056 <i>A</i>	1				Analyst: AK
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2503121-BLK1)						F	Prepared: 0	1/20/25 A	Analyzed: 01/20/25

20.0

20.0

250

Matrix Spike (2503121-MS1)				Source:	E501109-	03	Prepared: 0	1/20/25 Ana	lyzed: 01/20/25
Chloride	7360	100	250	7350	3.97	80-120			M4
Matrix Spike Dup (2503121-MSD1)				Source:	E501109-	03	Prepared: 0	1/20/25 Ana	lyzed: 01/20/25
Chloride	5880	100	250	7350	NR	80-120	22.4	20	M4, R3

250

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

Г	Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
ı	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
ı	Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/24/25 15:37

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

associated LCS spike recovery was acceptable.

The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria. T17 The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.

Analyte NOT DETECTED at or above the reporting limit ND

Not Reported NR

R3

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.

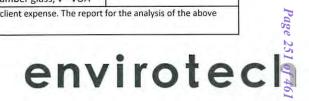


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Page	3	of	6

	Clier	nt Inform	nation				Invoice Informati	on				Lab	Use	e On	nly TAT Stat							State	e	
Client: N	Natador Prod	uction Co	ompany			Company: Ensolum LLC Lab WO#					Job 1	Num	ber		1D	2D	3D S	td	NM	CO UT	TX			
	Janie Conner					Address: 3122 National Parks Hwy					Lab WO# Job N E 50 (109 230						03.000Z X							
Project N	/lanager: Ash	nley Giov	engo			City, State, Zip: Carlsbad NM, 88220																		
	3122 Nation					Phone: 5	575-988-0055							Ana	lysis	ysis and Method						EP.	A Progra	am
	e, Zip: Carlsl					Email: a	giovengo@ensolun	n.com			1									-		SDWA	CWA	RCRA
	575-988-005					Miscellane																		
	giovengo@ei		om								ıs l	S									1	Complianc	e Y	or N
										3	8015	801	_		0		_	s				PWSID#		
				Sam	ple Inforn	nation					DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals						
Time	Date Sampled	Matrix	No. of			Sample	n ID	p	Lab Numb		0/0	90/C	X by	C by	oride	200	Q 10	% ¥8			- 1		Remarks	
Sampled	Date Sampled	Watrix	Containers			Sample	CID	ŭ i	∃ Numb	per ?	DRO	GR	BTE	9	ਲ	BGI	TCE	RCF						
0814	1/15/25	S	1			FS65 -	3		1							X								
0733	1	f	1			F5 76 -0			2							(
0/33		1				3.2			3										-					
0816						-366-C	o*		2							1								
6721						F568-C	51		4															
1333						F570-	0.51		5															
1344						F571-	0.5		6															
0726						F572-0	0'		1															
0737						F5730	9 ¹		8															
1348						F574-	0.5	- [[]	9															
0723		1	1			F575-			10							L								
		ns: Ple	ase CC: c	burton@e	ensolum.c		engo@ensolum.com	n, chamilt	on@en	solun	m.cc	om, ie	estr	ella@	ens	olun	n.con	n, bd	leal@	enso	lum	.com,		
	ns@ensolum																							
A Service Comment	and the second second second				340		ing with or intentionally mis	slabeling the s	ample loca	ation, d	date o	or time	of col	lection	n is co	nsider	ed frau	d and i	may be	ground	ds for	legal action.		
	:Chad Ham			-						le:	4		_			Icama)		late a Ab	e second e			st be received	an ica tha d	w they are
Relinquish	ed by: (Signatur	re)	Date		Time		ed by: (Signature)	Date	-162		ime	200										temp above 0		
	11 10 1			6125	10:00		helle Gonza	y cy	16 2	Ti	ima	200				subsec	ment d	avs						
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	ed by: (Signatur	W	Day	16.25	72.	Sometive A	ed by: (Signature)	Date	17/2	5	81	15			<u>T1 </u>									
Relinquish	ed by: (Signatur	re)	Date		Time	Backwed by: (Signature) Date Time							i Ten		4									
Sample Ma	trix: S - Soil, Sd - S	olid, Sg - Slu	udge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																					
Note: Sam	ples are discard	led 14 days	s after resu	Its are repor	rted unless	other arrange	ements are made. Hazare C. The liability of the lab	dous sample oratory is lin	s will be nited to t	return	ned to	o clien t paid	t or o	dispos n the	sed of	at th	e clier	nt exp	ense.	The rep	oort f	for the anal	sis of the	above





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		eceived by
CRA		OCD:
N		3/4/202

	Clier	nt Inform	nation		Invoice Information				Lab Use Only							TAT			State				
Client: N	Natador Prod	uction C	ompany		Company: Ensolum LLC			L	ab WO	2#.0	20	Job	Number			1D 2D 3D St		D Std	NM	CO UT	TX		
Project:	Janie Conner	Well Pa	d		Address: 3122 National Parks Hwy			E	ab WC	XIC)4	73	M	31W	DZ	×			X		END		
Project N	Manager: Ash	nley Giov	engo		City, State, Zip: Carlsbad NM, 88220																		
Address:	3122 Nation	nal Parks	Hwy		Phone: 575-988-0055							Ana	Analysis and Met						EP.	A Progra	m		
City, Stat	e, Zip: Carlsl	bad NM,	88220		Email: agiovengo@ensolum.com														SDWA	CWA	RCRA		
	575-988-005				Miscellaneous:					4					- 8								
1	giovengo@ei	N 0	om						in	L L		VOC by 8260							Complianc	ce Y or N	or N		
									801	801			0	2	,	5			PWSID#				
				Sample I	Information				p de d	GRO/DRO by 8015	BTEX by 8021		Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals							
Time	Date Sampled	Matrix	No. of	Sample ID		ample ID	Pia	E Lab	b 00	2 2	X b	Cby	oride	200	010	8			1.11	Remarks			
Sampled	Date Sampled	Matrix	Containers			ample 10	Field T Field		mber 🖁	GRC	BTE	Š	ਤੌ	BGI	TCE	RCF							
0732	1/15/25	5	1		F57		11						X										
		7.7						11			-/			1									
1351	1351			F578-0.5'				12															
1335					F579	-0.51		13				5_											
1338					F58C	1-0,51		14															
1349					F-58	1-0,51		15															
1352						32-0.5		16															
0720					F58	13-01		17															
0819					F58	-5-01		18															
0834					FS	87-01		19															
1341	+	1	1			38-0,5'		20						1									
	al Instructio	ns: Ple	ase CC: cbi	urton@enso	lum.com, a	giovengo@ensolum.c	om, chamilt	on@en	solum	.com	ı, iest	rella(@ens	olun	n.con	n, bd	eal@e	nsolun	n.com,				
bsimmo	ns@ensolum	.com																					
I, (field sam	pler), attest to the	validity an	d authenticity of	of this sample. I a	m aware that t	ampering with or intentionally	mislabeling the sa	ample loca	ation, dat	te or ti	ime of c	ollectio	n is co	nsidere	ed frau	d and n	nay be g	ounds for	r legal action.				
Sampled by	:Chad Ham	ilton Hig	inio Gen	ralez, Olus	wale Ado	rinto																	
Relinquish	ed by: (Signatur	e)	Date	Time	47	Received by (Signature)	Date	e li Ve	Tim	ne									ust be received		3 7 7 7 7 7		
111016						Michelle Gons	zonzales 1-16.25				000				sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.								
Relinquished by: (Signature) Date Tim					Received by: (Signature) Date				28 1630					Received on ice: /(Y)/ N									
Relindrished by (Signature)					1230 A. The Man Date			17/2	5 815					<u>T1 T2 T3 </u>									
Relinquished by: (Signature) Date Tim					Received by: (Signature) Date								AVG Temp °C										
	rix: S - Soil, Sd - S						Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																
						rrangements are made. Haz									e clien	t expe	nse. Th	e report	for the anal	ysis of the	above		
samples is	applicable only	to those s	amples recei	ved by the labo	ratory with th	his COC. The liability of the	laboratory is lin	nited to t	he amo	unt p	aid for	on the	repo	rt.									



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Printed: 1/17/2025 11:46:12AM

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:	01/17/25	08:15	Work Order ID:	E501109
Phone:	(972) 371-5200	Date Logged In:	01/16/25	14:54	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/23/25	17:00 (4 day TAT)		
	Custody (COC)		77			
	he sample ID match the COC? the number of samples per sampling site location materials.	ch the COC	Yes			
	amples dropped off by client or carrier?	ch the COC	Yes	a : a		
	e COC complete, i.e., signatures, dates/times, reques	eted analyses?	Yes Yes	Carrier: <u>C</u>	<u>courier</u>	
	Il samples received within holding time?	sted analyses:	Yes			
3. Wele a	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssion.		103		<u>Comme</u>	nts/Resolution
	Turn Around Time (TAT) a COC indicate standard TAT, or Expedited TAT?		Yes		Project Janie Conner V	
Sample (<u>Cooler</u>				separated into 3 Repor	ts due to sample
7. Was a	sample cooler received?		Yes		volume. WOs are E50	1108, E501109,
8. If yes,	was cooler received in good condition?		Yes		E501110.	
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 wisible ice, record the temperature. Actual sample	e received w/i 15	Yes			
	visible ice, record the temperature. Actual sample	emperature: 4	<u> </u>			
	Container 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')	Yes			
	appropriate volume/weight or number of sample contain		Yes			
Field Lal	** * * * * * * * * * * * * * * * * * *					
20. Were	field sample labels filled out with the minimum info	ormation:	Yes			
D	Pate/Time Collected?		Yes	L		
C	follectors name?		No			
	<u>Preservation</u>					
	the COC or field labels indicate the samples were pr	eserved?	No			
	ample(s) correctly preserved?	. 1.0	NA			
	filteration required and/or requested for dissolved m	ietais?	No			
	ase 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	ract Laboratory					
	amples required to get sent to a subcontract laboratoral subcontract laboratory specified by the client and if	-	No NA	Subcontract Lab	: NA	
	nstruction					
Signat	rure of client authorizing changes to the COC or sample dis	position.			Date	envirotech Inc.

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

Matador Resources, LLC.

Project Name: Janie Conner Well Pad

Work Order: E501110

Job Number: 23003-0002

Received: 1/17/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/23/25

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

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

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

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

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

Date Reported: 1/23/25

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

Project Name: Janie Conner Well Pad

Workorder: E501110

Date Received: 1/17/2025 8:15:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/17/2025 8:15:00AM, under the Project Name: Janie Conner Well Pad.

The analytical test results summarized in this report with the Project Name: Janie Conner Well Pad 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

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Sample Summary

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/23/25 09:44

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS89-0.5'	E501110-01A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS99-0.5'	E501110-02A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS100-0.5'	E501110-03A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS102-0.5'	E501110-04A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS103-0'	E501110-05A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS104-0'	E501110-06A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS105-0.5'	E501110-07A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS109-0'	E501110-08A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS110-0'	E501110-09A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS111-0'	E501110-10A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.
FS113-0'	E501110-11A	Soil	01/15/25	01/17/25	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 9:44:14AM

FS89-0.5' E501110-01

		Ecollio of				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2503101
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2503101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.2 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2503109
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		128 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: AK		Batch: 2503122
Chloride	5190	200	10	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 9:44:14AM

FS99-0.5'

E501110-02						
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2503101
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		86.5 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2503101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.0 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2503109
Diesel Range Organics (C10-C28)	88.6	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	219	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		123 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: AK		Batch: 2503122
Chloride	4310	200	10	01/18/25	01/18/25	



Matador Resources, LLO	C. Proj	oject Name: J	Janie Conner Well Pad	
5400 LBJ Freeway, Suit	e 1500 Proj	oject Number: 2	23003-0002	Reported:
Dallas TX, 75240	Proj	oject Manager:	Ashley Giovengo 1/	23/2025 9:44:14AM

FS100-0.5' E501110-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2503101
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2503101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.1 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2503109
Diesel Range Organics (C10-C28)	152	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	281	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		116 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: AK		Batch: 2503122
Chloride	5880	200	10	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 9:44:14AM

FS102-0.5'

		E501110-04				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503101
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		88.6 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.7 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2503109
Diesel Range Organics (C10-C28)	70.2	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	105	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		117 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2503122
Chloride	4610	200	10	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 9:44:14AM

FS103-0' E501110-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503101
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		87.6 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.8 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2503109
Diesel Range Organics (C10-C28)	55.2	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		114 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2503122
Chloride	6810	100	5	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 9:44:14AM

FS104-0' E501110-06

		D				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503101
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.8 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2503109
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		119 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2503122
Chloride	6030	100	5	01/18/25	01/18/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 9:44:14AM

FS105-0.5'

		E501110-07				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503101
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		88.1 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		95.7 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2503109
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		118 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2503122
Chloride	2660	200	10	01/18/25	01/18/25	



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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 9:44:14AM

FS109-0' E501110-08

		E301110 00				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503101
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
o,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		86.9 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2503101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.0 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2503109
Diesel Range Organics (C10-C28)	156	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		120 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: AK		Batch: 2503122
Chloride	5910	100	5	01/18/25	01/18/25	



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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 9:44:14AM

FS110-0' E501110-09

	ESOTITO 07				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Analy	yst: SL		Batch: 2503101
ND	0.0250	1	01/17/25	01/21/25	
ND	0.0250	1	01/17/25	01/21/25	
ND	0.0250	1	01/17/25	01/21/25	
ND	0.0250	1	01/17/25	01/21/25	
ND	0.0500	1	01/17/25	01/21/25	
ND	0.0250	1	01/17/25	01/21/25	
	89.9 %	70-130	01/17/25	01/21/25	
mg/kg	mg/kg	Analy	yst: SL		Batch: 2503101
ND	20.0	1	01/17/25	01/21/25	
	96.3 %	70-130	01/17/25	01/21/25	
mg/kg	mg/kg	Analy	yst: NV		Batch: 2503109
ND	25.0	1	01/17/25	01/18/25	
ND	50.0	1	01/17/25	01/18/25	
	117 %	50-200	01/17/25	01/18/25	
mg/kg	mg/kg	Analy	yst: AK		Batch: 2503122
2420	40.0	2	01/18/25	01/18/25	
	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 MD 0.0250 89.9 % mg/kg MD 20.0 96.3 % mg/kg ND 25.0 ND 50.0 117 % mg/kg mg/kg mg/kg	mg/kg mg/kg Analy ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 89.9 % 70-130 mg/kg mg/kg Analy ND 20.0 1 96.3 % 70-130 1 mg/kg mg/kg Analy ND 25.0 1 ND 50.0 1 117 % 50-200 mg/kg mg/kg Analy	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0500 1 01/17/25 ND 0.0250 1 01/17/25 ND 0.0250 1 01/17/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/17/25 ND 25.0 1 01/17/25 ND 50.0 1 01/17/25 ND 50.0 1 01/17/25 Mg/kg Mg/kg Analyst: AK	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/17/25 01/21/25 ND 0.0250 1 01/17/25 01/21/25 ND 0.0250 1 01/17/25 01/21/25 ND 0.0500 1 01/17/25 01/21/25 ND 0.0250 1 01/17/25 01/21/25 ND 0.0250 1 01/17/25 01/21/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/17/25 01/21/25 mg/kg mg/kg Analyst: SL 01/21/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/17/25 01/18/25 ND 25.0 1 01/17/25 01/18/25 ND 50.0 1 01/17/25 01/18/25 ND 50.0 1 01/17/25 01/18/25 mg/kg



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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 9:44:14AM

FS111-0' E501110-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	rst: SL		Batch: 2503101
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
Toluene	ND	0.0250	1	01/17/25	01/21/25	
o-Xylene	ND	0.0250	1	01/17/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	rst: SL		Batch: 2503101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		96.7 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2503109
Diesel Range Organics (C10-C28)	ND	25.0	1	01/17/25	01/18/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		119 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: AK		Batch: 2503122
Chloride	6590	100	5	01/18/25	01/18/25	



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Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/23/2025 9:44:14AM

FS113-0' E501110-11

		LS01110 11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2503101
Benzene	ND	0.0250	1	01/17/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/17/25	01/21/25	
oluene	ND	0.0250	1	01/17/25	01/21/25	
-Xylene	ND	0.0250	1	01/17/25	01/21/25	
,m-Xylene	ND	0.0500	1	01/17/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/17/25	01/21/25	
iurrogate: 4-Bromochlorobenzene-PID		87.7 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2503101
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/17/25	01/21/25	
urrogate: 1-Chloro-4-fluorobenzene-FID		96.5 %	70-130	01/17/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2503109
Diesel Range Organics (C10-C28)	182	25.0	1	01/17/25	01/18/25	
Dil Range Organics (C28-C36)	151	50.0	1	01/17/25	01/18/25	
Surrogate: n-Nonane		118 %	50-200	01/17/25	01/18/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: AK		Batch: 2503122
Chloride	3150	40.0	2	01/18/25	01/18/25	



Matrix Spike Dup (2503101-MSD1)

Surrogate: 4-Bromochlorobenzene-PID

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

4.75

4.67

4 75

4.64

9.51

14.2

6.96

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

5.00

5.00

5.00

5.00

10.0

15.0

8.00

QC Summary Data

Janie Conner Well Pad Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 1/23/2025 9:44:14AM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2503101-BLK1) Prepared: 01/17/25 Analyzed: 01/21/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 6.68 8.00 83.6 70-130 LCS (2503101-BS1) Prepared: 01/17/25 Analyzed: 01/21/25 4.50 89.9 70-130 5.00 Benzene 0.0250 Ethylbenzene 4.45 0.0250 5.00 89.0 70-130 4.53 0.0250 5.00 90.7 70-130 Toluene o-Xylene 4.44 0.0250 5.00 88.9 70-130 10.0 90.8 70-130 0.0500 p.m-Xvlene 90.2 70-130 13.5 15.0 Total Xylenes 0.0250 8.00 86.0 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.88 Matrix Spike (2503101-MS1) Source: E501099-07 Prepared: 01/17/25 Analyzed: 01/21/25 4.50 0.0250 5.00 ND 54-133 Benzene 61-133 Ethylbenzene 4.43 0.0250 5.00 ND 88.7 Toluene 4.52 0.0250 5.00 ND 90.5 61-130 4.45 ND 89.0 63-131 5.00 0.0250 o-Xylene p,m-Xylene 9.05 0.0500 10.0 ND 90.5 63-131 0.0250 15.0 ND 63-131 Total Xylenes 70-130 Surrogate: 4-Bromochlorobenzene-PID 6.99 8.00

Source: E501099-07

94.9

93.3

95.1

92.8

95.1

94.4

87.0

54-133

61-133

61-130

63-131

63-131

63-131

70-130

5.23

5.09

4 99

4.22

4.98

4.73

ND

ND

ND

ND

ND

ND



Prepared: 01/17/25 Analyzed: 01/21/25

20

20

20

20

20

20

Surrogate: 1-Chloro-4-fluorobenzene-FID

7.80

QC Summary Data

Matador Resources, LLC. Janie Conner Well Pad Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			1/	23/2025 9:44:14AM
	Non	halogenated		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 (2503101-BLK1)							Prepared: 0	1/17/25 Ana	lyzed: 01/21/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.76		8.00		97.0	70-130			
LCS (2503101-BS2)							Prepared: 0	1/17/25 Ana	lyzed: 01/22/25
Gasoline Range Organics (C6-C10)	39.3	20.0	50.0		78.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.97		8.00		99.6	70-130			
Matrix Spike (2503101-MS2)				Source:	E501099-	07	Prepared: 0	1/17/25 Ana	lyzed: 01/21/25
Gasoline Range Organics (C6-C10)	41.7	20.0	50.0	ND	83.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.70		8.00		96.2	70-130			
Matrix Spike Dup (2503101-MSD2)				Source:	E501099-	07	Prepared: 0	1/17/25 Ana	lyzed: 01/21/25
Gasoline Range Organics (C6-C10)	40.1	20.0	50.0	ND	80.1	70-130	4.02	20	

8.00

97.4

70-130

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/23/20259:44:14AM

, ,,=		, ,		, ,	5 -							
Nonhalogenated Organics by EPA 8015D - DRO/ORO Analyst: N												
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit				
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes			
Blank (2503109-BLK1)							Prepared: 0	1/17/25 An	alyzed: 01/17/25			
Diesel Range Organics (C10-C28)	ND	25.0										
Oil Range Organics (C28-C36)	ND	50.0										
Surrogate: n-Nonane	59.3		50.0		119	50-200						
LCS (2503109-BS1)							Prepared: 0	1/17/25 An	alyzed: 01/17/25			
Diesel Range Organics (C10-C28)	256	25.0	250		102	38-132						
Surrogate: n-Nonane	54.9		50.0		110	50-200						
Matrix Spike (2503109-MS1)				Source:	E501099-	02	Prepared: 0	1/17/25 An	alyzed: 01/17/25			
Diesel Range Organics (C10-C28)	267	25.0	250	ND	107	38-132						
Surrogate: n-Nonane	60.2		50.0		120	50-200						
Matrix Spike Dup (2503109-MSD1)				Source:	E501099-	02	Prepared: 0	1/17/25 An	alyzed: 01/18/25			
Diesel Range Organics (C10-C28)	265	25.0	250	ND	106	38-132	0.654	20				
Surrogate: n-Nonane	59.1		50.0		118	50-200						

LCS (2503122-BS1)

Matrix Spike (2503122-MS1)

Chloride

Prepared: 01/18/25 Analyzed: 01/18/25

Prepared: 01/18/25 Analyzed: 01/18/25

90-110

102

Source: E501110-10

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	: 2	fanie Conner W 23003-0002 Ashley Giovens			Reported: 1/23/2025 9:44:14AM			
Daniel 11, 75210			by EPA		Analyst: AK					
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes	
Blank (2503122-BLK1) Chloride	ND	20.0					Prepared: 0	1/18/25	Analyzed: 01/18/25	

Chloride	7270	100	250	6590	272	80-120			M4
Matrix Spike Dup (2503122-MSD1)				Source:	E501110-	10	Prepared: 0	1/18/25 Anal	yzed: 01/18/25
Chloride	7160	100	250	6590	230	80-120	1.47	20	M4

250

254

20.0

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:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/23/25 09:44

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

associated LCS spike recovery was acceptable.

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.

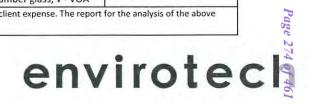


Released to Imaging: 3/12/2025 10:09:53 AM

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	Clier	nt Inform	nation		Invoice Information			Lab Use Only						TAT				T	State			
Client: N	Natador Prod	uction C	ompany		Con	npany: Ensolum LLC			Lab WO# Job Nui E501110 2300					Num	mber 1D			2D	3D Sto	I NM	CO UT	TX
Project:	Janie Conner	Well Pa	d		Add	dress: 3122 National Pa	rks Hwy		E501110 23					3013-0002					X	X		
Project N	Manager: Ash	nley Giov	engo		City	, State, Zip: Carlsbad N	M, 88220															
Address:	3122 Nation	nal Parks	Hwy		Pho	ne: 575-988-0055							Ana	lysis	and	Met	hod			EP	A Progra	im
City, Stat	e, Zip: Carlsh	bad NM,	88220		Em	ail: agiovengo@ensol	um.com												-	SDWA	CWA	RCRA
	575-988-005					cellaneous:															10.16	
	giovengo@er		lum.com									Compliance Y or N										
					-					8015	801	_	10	0.0		l .	,s			PWSID#		7 - 7
				Sample I	nformatio	on				DRO/ORO by	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	rcea 1005 - TX	RCRA 8 Metals					
Time	Date Sampled	Matrix	No. of			Sample ID	PIG	Filter Num	b	J/0F	JQ/C	X by	C by	oride	200	Q 10(8 A 8		113		Remarks	8
Sampled	Date Sampled	Matrix	Containers			Sample 10	Ä	T Num	ber	DRC	GRC	BTE	Š	ਤੱ	BG	TG.	RCF					
1344	1/15/25	5			FS8	39-0,5		1							X							
							- 3	2														
1343		1	1		F599	9-0,51		6					1									
	1							3											1 -			
1348					F510	00-0,51		/	-		1				1							
								4														
1400					FSIO	205		1														
								5	-													
0628					FS/03-0'			3							1							
67/8					FSIO	14-0'		6														
								-	,						1							
1405					FSI	05-0,5		7							1				1.2			
								8	T.						1							
1010					F-51	09-01		0							1							
								9														
0827					F5	110-0		/					-		-							
0825	4	-	1		FS	111-01		10							1							
Addition	al Instructio	ns: Ple	ase CC: cb	urton@enso		agiovengo@ensolum.c	om, chamil	ton@e	nsolu	um.c	om,	iestr	ella@	ens	olun	n.con	n, bd	eal@	ensolu	m.com,		
Control of the Control	ns@ensolum																					
I, (field sam	pler), attest to the	validity and	d authenticity	of this sample. I a	im aware that	tampering with or intentionally	mislabeling the	sample lo	cation,	, date	or time	e of co	llectio	n is cor	nsider	ed frau	d and r	may be	grounds f	or legal action.		
Sampled by	:Chad Ham	ilton_His	ynio Cou	nzalez, Ol	ewate A.																	
Relinquish	ed by: (Signatur	re)	Date	Time		Received by (Signature)	Da			Time	-									must be received lvg temp above (
1					0:00	Michelle Gon		-162	7	10	00					nuent d		Juckeu	200		Dut 1035 tillali	0 000
	ed by (Signatur	re)	es 1-1	625 Time	520	Received by: (Signature)	Da	te 1.14.	25	Time	16	30			Received on ice: (Y)/ N							
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Relinquish	ed by: (Signatur	re)	Date	Time		Received by: (Signature)	Da	te		Time	_			U								
		-													AVO	Ten	np °C					
Sample Ma	rix: S - Soil, Sd - So	olid, Sg - Slu	dge, A - Aque	ous, O - Other			Co	ontainer	Туре	e: g -	glass	, p - j	oly/	olasti				ass, v	- VOA			
Note: Sam	ples are discard	ed 14 days	s after result	s are reported u	inless other	arrangements are made. Haz	zardous sampl	es will be	retur	rned t	to clie	nt or	dispo	sed of	at th	e clier	t expe	ense.	The repor	t for the anal	ysis of the	above
samples is	applicable only	to those s	amples rece	ived by the labo	ratory with	this COC. The liability of the	laboratory is li	mited to	the a	mour	nt paid	d for o	n the	repor	rt.							

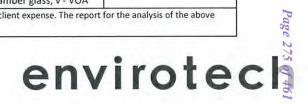




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Client Information						Invoice Information			Lab Use Only							TAT				State						
Client: N	Aatador Proc	luction Co	ompany			Company: Ensolum LLC			Lab W	Q#,	,, _		Job	Num	ber		1D 2D 3D Sto		3D Sto	d NM CO UT TX						
Project:	Janie Conne	r Well Pa	d			Address: 3122 National Parks	s Hwy		ESO	DI	[[C)	23	3003-0002					X	X						
Project N	Manager: As	hley Giov	engo			city, State, Zip: Carlsbad NM,	88220																			
Address:	3122 Natio	nal Parks	Hwy		P	hone: 575-988-0055							Ana	lysis	and	Met	hod			EPA Program						
City, Stat	e, Zip: Carls	bad NM,	88220			mail: agiovengo@ensolum	n.com													SDWA CWA RCRA						
Phone:	575-988-005	5			N	Miscellaneous:								1												
Email: a	giovengo@e	nsolum.c	om							12	15									Compliance Y or N						
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				Sam	ple Informa	tion				0 P	ROb	/ 802	826	e 300	Z	05 - 1	Met									
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lal 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			Remarks						
1003	1/15/25	5	t		F5113	-0°	A	1	1						X											
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	ns@ensolun		d authorticit	y of this sam	nle I am aware	that tampering with or intentionally mis	labeling the s	ample loc	cation d	late o	or time	of co	llectio	n is co	nsider	ed frai	id and	may h	e grounds f	or legal action						
Sampled by	the property of the second	Annual Sections		grand to come	Dinuste Ac		idbeilig the s	ample loc	cation, a	ate o	zi time	. 01 00	, iicetio	11 13 00	risider	cu muc	10 0110	ina, b	e grounds n	or regardenom						
	ed by: (Signatu		Date		Time	Received by (Signature)	Dat	е	Tir	me					Samp	les requ	iring th	nermal p	oreservation r	nust be received on ice the day they are						
-			11	16/25	10:00	Michille Gonza	lec 1	-162	5	10	300)	8					packed	in ice at an a	vg temp above 0 but less than 6 °C on						
Relinquish	ed by: (Signatu	re) n	Date		Time Time	Received by: (Signature)	Dat	e	Tir	me	1.	4			subse	quent d	lavs		_Lab L	Ise Only						
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Sample Ma	trix: S - Soil, Sd - S	olid. Se - Shi	dge, A - Agu	eous O - Oth	ner		Co	ntainer	Type:	g - g	glass.	p - r	ooly/	plast					v - VOA							
						er arrangements are made. Hazaro														t for the analysis of the above						
						ith this COC. The liability of the lab												1000	COM DEPARTS	Authority statistics and the second						





envirotech Inc.

Printed: 1/17/2025 11:50:44AM

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:	01/17/25 08:	:15	Work Order ID:	E501110
Phone:	(972) 371-5200	Date Logged In:	01/16/25 14:	:57	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/23/25 17	:00 (4 day TAT)		
1. Does th	Custody (COC) e sample ID match the COC? e number of samples per sampling site location ma	tch the COC	Yes			
	imples dropped off by client or carrier?	ich die COC	Yes	a		
	COC complete, i.e., signatures, dates/times, request	sted analyses?	Yes Yes	Carrier: <u>C</u>	<u>courier</u>	
	I samples received within holding time?	soon anarysos.	Yes			
	Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssist.				Commen	ts/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project Janie Conner W	/ell Pad has been
Sample C	ooler_				separated into 3 Report	s due to sample
	ample cooler received?		Yes		volume. WOs are E501	-
8. If yes, v	vas cooler received in good condition?		Yes		E501110.	.100, 2201105,
9. Was the	sample(s) received intact, i.e., not broken?		Yes		E301110.	
10. Were	custody/security seals present?		No			
	were custody/security seals intact?		NA			
	e sample received on ice? If yes, the recorded temp is 4°C, Note: Thermal preservation is not required, if samples ar minutes of sampling isible ice, record the temperature. Actual sample	e received w/i 15	Yes			
Sample C	ontainer_					
14. Are ac	ueous VOC samples present?		No			
15. Are V	OC samples collected in VOA Vials?		NA			
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA			
17. Was a	trip blank (TB) included for VOC analyses?		NA			
18. Are no	on-VOC samples collected in the correct containers	?	Yes			
19. Is the a	ppropriate volume/weight or number of sample contain	ners collected?	Yes			
Field Lab	<u>el</u>					
	field sample labels filled out with the minimum info	ormation:				
	imple ID?		Yes			
	ate/Time Collected? ollectors name?		Yes	•		
	reservation		No			
	he COC or field labels indicate the samples were pr	reserved?	No			
	mple(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved n	netals?	No			
Multinha	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	m19	No			
	subcontract laboratory specified by the client and it	-		Subcontract Lab	v MA	
		i so who.	1171 5	subcontract Lab	, IVA	
Client In	<u>struction</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

Matador Resources, LLC.

Project Name: Janie Conner Well Pad

Work Order: E501126

Job Number: 23003-0002

Received: 1/20/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/24/25

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

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

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

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

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

Date Reported: 1/24/25

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

Project Name: Janie Conner Well Pad

Workorder: E501126

Date Received: 1/20/2025 7:20:30AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/20/2025 7:20:30AM, under the Project Name: Janie Conner Well Pad.

The analytical test results summarized in this report with the Project Name: Janie Conner Well Pad 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

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Sample Summary

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo01/24/25 12:56

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS01-0'	E501126-01A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS02-0'	E501126-02A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS03-0'	E501126-03A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS04-0'	E501126-04A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS05-0.5'	E501126-05A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS06-0.5'	E501126-06A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS11-0.5'	E501126-07A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS13-0.5'	E501126-08A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS23-0.5'	E501126-09A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS24-0.5'	E501126-10A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS32-0.5'	E501126-11A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS34-0'	E501126-12A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS42-0'	E501126-13A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS43-0.5'	E501126-14A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS44-0.5'	E501126-15A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS45-0.5'	E501126-16A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS46-0.5'	E501126-17A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS47-0.5'	E501126-18A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS48-0.5'	E501126-19A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.
FS50-0.5'	E501126-20A	Soil	01/16/25	01/20/25	Glass Jar, 2 oz.



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS01-0' E501126-01

		1201120-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: 4-Bromochlorobenzene-PID		107 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	761	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		124 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: JM		Batch: 2504035
Chloride	1860	40.0	2	01/21/25	01/21/25	

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS02-0'

E501126-02

		Reporting				
Analyte	Result	Limit	Dilution	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	alyst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: 4-Bromochlorobenzene-PID		97.6 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	ılyst: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	123	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	57.4	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		135 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	alyst: JM		Batch: 2504035
Chloride	1780	40.0	2	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS03-0'

E501126-03

Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: 4-Bromochlorobenzene-PID		98.1 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.0 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV		Batch: 2504018	
Diesel Range Organics (C10-C28)	448	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	509	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		132 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2504035
inions by Elite Colors Cooli						



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS04-0'

E501126-04

		Reporting				
Analyte	Result	Limit	Dilutio	n Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	An	alyst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		90.1 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	An	alyst: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.1 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	An	alyst: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	106	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	98.8	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		123 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	An	alyst: JM		Batch: 2504035
Chloride	2990	40.0	2	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS05-0.5' E501126-05

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: 4-Bromochlorobenzene-PID		99.2 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg Analyst: NV			Batch: 2504018	
Diesel Range Organics (C10-C28)	97.1	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	86.7	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		138 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	rst: JM		Batch: 2504035
Chloride	5650	100	5	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS06-0.5' E501126-06

	E301120 00				
Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2504007
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
ND	0.0500	1	01/20/25	01/22/25	
ND	0.0250	1	01/20/25	01/22/25	
	94.9 %	70-130	01/20/25	01/22/25	
mg/kg	mg/kg	Analyst: SL			Batch: 2504007
ND	20.0	1	01/20/25	01/22/25	
	89.8 %	70-130	01/20/25	01/22/25	
mg/kg	mg/kg	Analyst: NV			Batch: 2504018
ND	25.0	1	01/20/25	01/21/25	
ND	50.0	1	01/20/25	01/21/25	
	121 %	50-200	01/20/25	01/21/25	
mg/kg	mg/kg	Anal	yst: JM		Batch: 2504035
3910	100	5	01/21/25	01/21/25	
	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 MD 0.0250 MD 0.0250 MD 20.0 89.8 % mg/kg ND 25.0 ND 50.0 121 % 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 94.9 % 70-130 mg/kg mg/kg Anal ND 20.0 1 89.8 % 70-130 1 mg/kg mg/kg Anal ND 25.0 1 ND 50.0 1 121 % 50-200 mg/kg Mg/kg Anal	Result Limit Dilution Prepared mg/kg mg/kg Analyst: SL ND 0.0250 1 01/20/25 ND 0.0250 1 01/20/25 ND 0.0250 1 01/20/25 ND 0.0250 1 01/20/25 ND 0.0500 1 01/20/25 ND 0.0250 1 01/20/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/20/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/20/25 ND 25.0 1 01/20/25 ND 50.0 1 01/20/25 ND 50.0 1 01/20/25 ND 50.0 0 01/20/25 Mg/kg Mg/kg Analyst: JM	Result Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: SL ND 0.0250 1 01/20/25 01/22/25 ND 0.0250 1 01/20/25 01/22/25 ND 0.0250 1 01/20/25 01/22/25 ND 0.0500 1 01/20/25 01/22/25 ND 0.0250 1 01/20/25 01/22/25 ND 0.0250 1 01/20/25 01/22/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/20/25 01/22/25 mg/kg mg/kg Analyst: SL ND 20.0 1 01/20/25 01/22/25 mg/kg mg/kg Analyst: NV ND 25.0 1 01/20/25 01/21/25 ND 50.0 1 01/20/25 01/21/25 ND 50.0 1 01/20/25 01/21/25 ND 50.0 <



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS11-0.5' E501126-07

	201120 07					
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	Analyst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: SL			Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2504018
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		126 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2504035
Chloride	5900	100	5	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS13-0.5' E501126-08

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		89.2 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.4 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		129 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2504035
Chloride	4360	40.0	2	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS23-0.5' E501126-09

		L301120 07				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		86.1 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		89.3 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	61.7	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		133 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2504035
Chloride	6280	200	10	01/21/25	01/21/25	

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS24-0.5' E501126-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		85.8 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.9 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		125 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2504035
Chloride	5730	200	10	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS32-0.5' E501126-11

		L301120 11				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		86.0 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.5 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		125 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2504035
Chloride	6630	100	5	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS34-0'

E501126-12

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Ana	ılyst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Ana	Analyst: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.6 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ana	Analyst: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	91.2	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		127 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ana	ılyst: JM		Batch: 2504035
Chloride	7390	100	5	01/21/25	01/21/25	·



Oil Range Organics (C28-C36)

Anions by EPA 300.0/9056A

Surrogate: n-Nonane

Chloride

Sample Data

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS42-0' E501126-13

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	:: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		98.8 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.3 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	418	25.0	1	01/20/25	01/21/25	

50.0

100

50-200

123 %

01/20/25

01/20/25

01/21/25

Analyst: JM

5

01/21/25

01/21/25

01/21/25

Batch: 2504035

58.8

mg/kg

7020



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS43-0.5' E501126-14

		1301120 14				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
-Xylene	ND	0.0250	1	01/20/25	01/23/25	
o,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		90.3 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.4 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		118 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: JM		Batch: 2504035
Chloride	4680	40.0	2	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS44-0.5' E501126-15

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	vst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	vst: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.3 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	60.7	25.0	1	01/20/25	01/22/25	
Oil Range Organics (C28-C36)	58.8	50.0	1	01/20/25	01/22/25	
Surrogate: n-Nonane		134 %	50-200	01/20/25	01/22/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	/st: JM		Batch: 2504035
			10	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS45-0.5' E501126-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		93.3 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		122 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2504035
Chloride	9950	200	10	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS46-0.5' E501126-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		88.7 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		125 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: JM		Batch: 2504035
Chloride	3000	40.0	2	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS47-0.5' E501126-18

		E301120-10				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		87.0 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		90.7 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		119 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: JM		Batch: 2504035
Chloride	4090	200	10	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS48-0.5' E501126-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2504007
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		87.9 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2504007
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.8 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2504018
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		121 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2504035
Chloride	5350	200	10	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/24/2025 12:56:43PM

FS50-0.5'

		E501126-20										
Reporting												
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes						
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	st: SL		Batch: 2504007						
Benzene	ND	0.0250	1	01/20/25	01/23/25							
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25							
Toluene	ND	0.0250	1	01/20/25	01/23/25							
o-Xylene	ND	0.0250	1	01/20/25	01/23/25							
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25							
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25							
Surrogate: 4-Bromochlorobenzene-PID		94.4 %	70-130	01/20/25	01/23/25							
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: SL		Batch: 2504007						
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25							
Surrogate: 1-Chloro-4-fluorobenzene-FID		91.2 %	70-130	01/20/25	01/23/25							
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: NV		Batch: 2504018						
Diesel Range Organics (C10-C28)	223	25.0	1	01/20/25	01/21/25							
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25							
Surrogate: n-Nonane		121 %	50-200	01/20/25	01/21/25							
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: JM		Batch: 2504035						
Chloride	2620	200	10	01/21/25	01/21/25							



o-Xylene p,m-Xylene

Total Xylenes

Ethylbenzene

Toluene

o-Xylene

p,m-Xylene

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

Surrogate: 4-Bromochlorobenzene-PID

Matrix Spike Dup (2504007-MSD1)

QC Summary Data

Janie Conner Well Pad Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 1/24/2025 12:56:43PM **Volatile Organics by EPA 8021B** Analyst: SL Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % Notes Blank (2504007-BLK1) Prepared: 01/20/25 Analyzed: 01/23/25 ND 0.0250 ND Ethylbenzene 0.0250 Toluene ND 0.0250 ND o-Xylene 0.0250 ND p,m-Xylene 0.0500 Total Xylenes ND 0.0250 Surrogate: 4-Bromochlorobenzene-PID 7.17 8.00 89.6 70-130 LCS (2504007-BS1) Prepared: 01/20/25 Analyzed: 01/21/25 4.84 5.00 96.7 70-130 Benzene 0.0250 Ethylbenzene 4.81 0.0250 5.00 96.3 70-130 4.87 0.0250 5.00 97.5 70-130 Toluene o-Xylene 4.81 0.0250 5.00 96.3 70-130 9.79 10.0 97.9 70-130 0.0500 p.m-Xvlene 97.4 70-130 14.6 0.0250 15.0 Total Xylenes 8.00 96.5 70-130 Surrogate: 4-Bromochlorobenzene-PID 7.72 Matrix Spike (2504007-MS1) Source: E501126-04 Prepared: 01/20/25 Analyzed: 01/23/25 5.41 0.0250 5.00 ND 54-133 Benzene ND 104 61-133 Ethylbenzene 5.20 0.0250 5.00 Toluene 5.32 0.0250 5.00 ND 106 61-130 5.20 5.00 ND 104 63-131 0.0250

10.6

15.8

7.51

5.35

5.15

5.26

5.13

10.5

15.6

7.39

0.0500

0.0250

0.0250

0.0250

0.0250

0.0250

0.0500

0.0250

10.0

15.0

8.00

5.00

5.00

5.00

5.00

10.0

15.0

8.00

ND

ND

ND

ND

ND

ND

ND

ND

106

107

103

105

103

105

104

92.4

Source: E501126-04

63-131

63-131

70-130

54-133

61-133

61-130

63-131

63-131

63-131

70-130

1.16

0.988

1.02

1.35

1.05

1.15

Prepared: 01/20/25 Analyzed: 01/23/25

20

20

20

20

20

20

Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/24/2025 12:56:43PM

Nonhalogenated Organics by EPA 8015D - GRO Analy												
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes			
Blank (2504007-BLK1)							Prepared: 0	1/20/25 Anal	yzed: 01/23/25			
Gasoline Range Organics (C6-C10)	ND	20.0										
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.31		8.00		91.3	70-130						
LCS (2504007-BS2)							Prepared: 0	1/20/25 Anal	yzed: 01/23/25			
Gasoline Range Organics (C6-C10)	44.7	20.0	50.0		89.4	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	70-130						
Matrix Spike (2504007-MS2)				Source:	E501126-0)4	Prepared: 0	1/20/25 Anal	yzed: 01/23/25			
Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.3	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.6	70-130						
Matrix Spike Dup (2504007-MSD2)				Source:	E501126-0)4	Prepared: 0	1/20/25 Anal	yzed: 01/23/25			

50.0

8.00

48.5

7.38

20.0

ND

97.1

92.3

2.90

20

70-130

70-130

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/24/2025 12:56:43PM

	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 (2504018-BLK1)							Prepared: 0	1/20/25 Ana	lyzed: 01/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.8		50.0		114	50-200			
LCS (2504018-BS1)							Prepared: 0	1/20/25 Ana	lyzed: 01/21/25
Diesel Range Organics (C10-C28)	253	25.0	250		101	38-132			
Surrogate: n-Nonane	55.6		50.0		111	50-200			
Matrix Spike (2504018-MS1)				Source:	E501126-	10	Prepared: 0	1/20/25 Ana	lyzed: 01/21/25
Diesel Range Organics (C10-C28)	278	25.0	250	ND	111	38-132			
Surrogate: n-Nonane	60.6		50.0		121	50-200			
Matrix Spike Dup (2504018-MSD1)				Source:	E501126-	10	Prepared: 0	1/20/25 Ana	lyzed: 01/21/25
Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132	2.41	20	
Surrogate: n-Nonane	60.3		50.0		121	50-200			

Chloride

Matrix Spike (2504035-MS1)

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number Project Manager	: 2	anie Conner W 3003-0002 Ashley Gioven			Reported: 1/24/2025 12:56:43PM				
Builds 171, 75240		Anions		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 (2504035-BLK1)							Prepared: 0	1/21/25 A	nalyzed: 01/21/25		
Chloride	ND	20.0									
LCS (2504035-BS1)							Prepared: 0	1/21/25 A	nalyzed: 01/21/25		

101

Source: E501126-06

90-110

Prepared: 01/21/25 Analyzed: 01/21/25

Chloride	3900	100	250	3910	NR	80-120			M4
Matrix Spike Dup (2504035-MSD1)				Source:	E501126-0	06	Prepared: 0	1/21/25 Analy	yzed: 01/21/25
Chloride	4350	100	250	3910	175	80-120	10.9	20	M4

250

252

20.0

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:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/24/25 12:56

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



State	
UT	TX
ogra	m
VA	RCRA
Y	or N
arks	

Client Information Invoi						ce Information									TAT			State						
Client: N	Natador Prod	uction Co	ompany			Company: Ensol			L	ab V	NO#		,	Job I	Num	ber •00	100	1D	2D	3D	Std	NM	CO UT	TX
Project:	Janie Conner	Well Pag	t			Address: 3122 N	ational Parks Hwy	1		E5	0	12	0	23	WS	-00	2				х	x		
Project N	Nanager: Ash	nley Giove	engo			City, State, Zip: C	Carlsbad NM, 8822	20	(
Address:	3122 Nation	nal Parks	Hwy		<u>F</u>	Phone: 575-988	3-0055							Ana	lysis	and	Met	hod				EP	A Progra	am
City, Stat	e, Zip: Carlsl	bad NM,	88220			Email: agiovens	go@ensolum.com				1-2-5								(- L			SDWA	CWA	RCRA
Phone:	575-988-005	5				liscellaneous:																		
Email: a	giovengo@ei	nsolum.co	om								12	15										Complianc	e Y	or N
											by 8015	/ 80	н	0	0.0	-	×	als				PWSID#		
				Samı	ole Informa	tion					(O p	to b	805	8260	300	Z.	12-T	Met						
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID			Lab Numb	ber	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals	, ,				Remarks	
9:17	1/16/2025	S	1			FS01 - 0'			1							х								
9:20	1/16/2025	S	1			FS02 - 0'			2							х								
9:20	1/16/2025	s	1			FS03 - 0'			3							х								
9:15	1/16/2025	S	1			FS04 - 0'			4							х								
9:18	1/16/2025	S	1	FS05 - 0.5'			5							х										
9:07	1/16/2025	S	1	FS06 - 0.5			6							х										
8:58	1/16/2025	S	1	FS11 - 0.5'				9							х									
9:00	1/16/2025	S	1			FS13 - 0.5'			8							х								
9:10	1/16/2025	S	1			FS23 - 0.5'			9							х								
9:13	1/16/2025	S	1			FS24 - 0.5'			10							х								
Addition	nal Instruction	ns: Plea	se CC: cbu	rton@er	solum.com	, agiovengo@ens	solum.com, iestre	ella@e	ensolu	ım.c	om,	chan	nilto	n@ei	nsolu	ım.co	om, b	simr	mons	@en	isolui	m.com		
A STATE OF THE PARTY OF THE PAR		e validity and	authenticity of	of this sampl	e. I am aware ti	nat tampering with or in	ntentionally mislabeling	the sam	ple locat	tion, d	date o	r time	of coll	ection	is cons	idered	fraud	and m	ay be g	ground	s for le	gal action.		
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Sample Ma	trix: S - Soil, Sd - S	olid, Sg - Slu	dge, A - Aqueo	us, O - Othe				Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																
						r arrangements are n	made. Hazardous sam	ples wi	II be reti	urnec	d to c	lient o	or disp	osed	of at t	he clie	ent ex	pense	. The	report	for th	ie analysis o	f the abov	e samples is
							boratory is limited to t																	

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				Chain o	of Custod	У									Page 2 o
	Clie	nt Inform	nation	Invoice Information				Lab	Use C	nly			7	TAT	State
Project:	latador Prod Janie Conner Janager: Ash	uction Co Well Pac	ompany	Company: Ensolum LLC Address: 3122 National Parks H City, State, Zip: Carlsbad NM, 88		Lab WO# 10b Number 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							1D 2D	3D St	NM CO UT TX
Address: City, Stat Phone:	3122 Natior e, Zip: Carlsh 75-988-0055 giovengo@er	al Parks ad NM,	Hwy 88220	Phone: 575-988-0055 Email: agiovengo@ensolum.co			115	115	A	nalysi	s and	Meth	nod		Page Z o State NM CO UT TX X X X X X X X X X X X X X X X X X
				Canada Information			by 8015	by 80	021	0.00	Σ	XT-	etals		PWSID#
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample Information Sample ID	Field Filter	Lab	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals		Remarks
9:13	1/16/2025	S	1	FS32 - 0.5'	1	1					х				
9:23	1/16/2025	S	1	FS34 - 0'	1	2					х				
9:25	1/16/2025	S	1	FS42 - 0'	1	3					х				
9:33	1/16/2025	S	1	FS43 - 0.5'	1	4					х				
9:34	1/16/2025	S	1	FS44 - 0.5'	1.	5					х				
9:36	1/16/2025	S	1	FS45 - 0.5'		6					x				
9:38	1/16/2025	S	1	Fs46 - 0.5'	l'	7					x				
9:43	1/16/2025	S	1	FS47 - 0.5'	1	8					х				
9:41	1/16/2025	S	1	FS48 - 0.5'	1	9					х				
9:33	1/16/2025	S	1	Fs50 - 0.5'	2	D					х				
				urton@ensolum.com, agiovengo@ensolum.com, ies											
	oler), attest to the Cole Burton	validity and	d authenticity	of this sample. I am aware that tampering with or intentionally mislabe						n is cor	sidered	fraud	and may be	e grounds fo	r legal action.
20	V/		Date	17/25 7:30 Received by: (Signature) Manual Gonzal		25	Time U7	30			2 4 4 4 4 7	ed or red		d in ice at an a	must be received on ice the day they are avg temp above 0 but less than 6 °C on
Mis	ed by: (Signatur	meal	Date -	17 LS Time Received by: (Signature)	Date 1, 17	.25	Time	64	5		Rece	eived	on ice:	Lab (Y)/	Use Only N
- She	d by: (Signatur	М.	Date	17.15 7315 Received by: (Signature)	Date 1. Zu	25	Time 7	20			<u>T1</u>			<u>T2</u>	<u>T3</u>
Relinquish	ed by: (Signatur	e)	Date	Time Received by Harattire			Time				AVG	Tem	p°C	_	
	rix: S - Soil, Sd - S			ous, O - Other s are reported unless other arrangements are made. Hazardous s									r glass, v		r the analysis of the above samples



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: 1/20/2025 9:52:23AM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

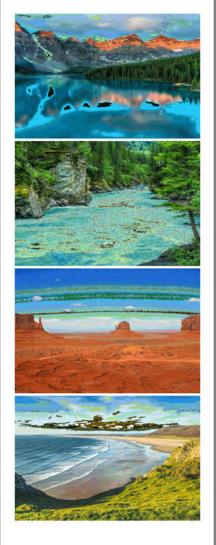
Instructions: Please take note of any NO checkmarks.

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:	01/20/25	07:20	Work Order ID:	E501126
Phone:	(972) 371-5200	Date Logged In:	01/17/25	15:22	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/24/25	17:00 (4 day TAT)		
G						
	Custody (COC)		37			
	e sample ID match the COC? e number of samples per sampling site location mat	oh the COC	Yes			
	e number of samples per sampling site location mat imples dropped off by client or carrier?	ch the COC	Yes			
	cCOC complete, i.e., signatures, dates/times, request	atad analysasa?	Yes Yes	Carrier: C	<u>Courier</u>	
	I samples received within holding time?	sted analyses?	Yes			
J. Were an	Note: Analysis, such as pH which should be conducted ir i.e, 15 minute hold time, are not included in this disucssion.	•	108		<u>Comme</u>	nts/Resolution
	urn Around Time (TAT) COC indicate standard TAT, or Expedited TAT?		Yes		Project Janie Conner V	Well Pad has been
Sample C					separated into 2 report	ts due to sample
	ample cooler received?		Yes		volume. WO are E501	-
	vas cooler received in good condition?		Yes		volume. We are 1501	120 & E301127.
-	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 are minutes of sampling isible ice, record the temperature. Actual sample	e received w/i 15	Yes			
		temperature. 4 t	<u>~</u>			
Sample C			NT-			
	queous VOC samples present? 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.)	Yes			
	ppropriate volume/weight or number of sample contain		Yes			
Field Lab	•	icis conceteu.	103			
	rield sample labels filled out with the minimum info	rmation.				
	imple ID?		Yes			
	ate/Time Collected?		Yes			
Co	ollectors name?		No			
	<u>reservation</u>					
	he COC or field labels indicate the samples were pr	eserved?	No			
	mple(s) correctly preserved?	. 1.0	NA			
24. Is lab	filteration required and/or requested for dissolved m	netals?	No			
	se Sample Matrix					
	he 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			
Subcontra	act Laboratory					
28. Are sa	mples required to get sent to a subcontract laborator	ry?	No			
29. Was a	subcontract laboratory specified by the client and if	f so who?	NA	Subcontract Lab	: NA	
Client In	<u>struction</u>					
						0

Date

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

Matador Resources, LLC.

Project Name: Janie Conner Well Pad

Work Order: E501127

Job Number: 23003-0002

Received: 1/20/2025

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 1/27/25

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

Date Reported: 1/27/25

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

Project Name: Janie Conner Well Pad

Workorder: E501127

Date Received: 1/20/2025 7:20:30AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/20/2025 7:20:30AM, under the Project Name: Janie Conner Well Pad.

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

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

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

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

Respectfully,

Walter Hinchman

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

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

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Michelle Gonzales

Client Representative

Office: 505-421-LABS(5227)

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo01/27/25 16:47

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS51-0.5'	E501127-01A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS52-0.5'	E501127-02A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS53-0.5'	E501127-03A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS54-0.5'	E501127-04A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS55-0.5'	E501127-05A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS56-0.5'	E501127-06A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS90-0.5'	E501127-07A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS91-0.5'	E501127-08A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS92-0.5'	E501127-09A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS94-1'	E501127-10A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS95-0.5'	E501127-11A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS96-0.5'	E501127-12A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS97-1'	E501127-13A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS07-1'	E501127-14A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS12-1'	E501127-15A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS14-1'	E501127-16A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS16-1'	E501127-17A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS29-1'	E501127-18A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS33-1'	E501127-19A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS35-1'	E501127-20A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS39-1'	E501127-21A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS40-1'	E501127-22A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS41-1'	E501127-23A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS84-1'	E501127-24A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS93-1'	E501127-25A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS107-1'	E501127-26A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.
FS112-0.5'	E501127-27A	Solid	01/16/25	01/20/25	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS51-0.5' E501127-01

		E301127-01					
Analyte	Result	Reporting Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2504021
Benzene	ND	0.0250		1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250		1	01/20/25	01/21/25	
Toluene	ND	0.0250		1	01/20/25	01/21/25	
o-Xylene	ND	0.0250		1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500		1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250		1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		102 %	70-130		01/20/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		01/20/25	01/21/25	
Surrogate: Toluene-d8		105 %	70-130		01/20/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		102 %	70-130		01/20/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		01/20/25	01/21/25	
Surrogate: Toluene-d8		105 %	70-130		01/20/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2504019
Diesel Range Organics (C10-C28)	102	25.0		1	01/20/25	01/21/25	<u> </u>
Oil Range Organics (C28-C36)	ND	50.0		1	01/20/25	01/21/25	
Surrogate: n-Nonane		122 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2504041
Chloride	5160	100		5	01/21/25	01/21/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/2025 4:47:06PM

FS52-0.5' E501127-02

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	А	Analyst: BA		Batch: 2504021
Benzene	ND	0.0250	1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/21/25	
Toluene	ND	0.0250	1	01/20/25	01/21/25	
o-Xylene	ND	0.0250	1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	01/20/25	01/21/25	
Surrogate: Toluene-d8		105 %	70-130	01/20/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	Analyst: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		103 %	70-130	01/20/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	01/20/25	01/21/25	
Surrogate: Toluene-d8		105 %	70-130	01/20/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	32.9	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		118 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: AK		Batch: 2504041
Chloride	4550	200	10	01/21/25	01/21/25	

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS53-0.5' E501127-03

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
			- DI			7 mary zed	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:			Batch: 2504021
Benzene	ND	0.0250		1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250		1	01/20/25	01/21/25	
Toluene	ND	0.0250		1	01/20/25	01/21/25	
o-Xylene	ND	0.0250		1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500		1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250		1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		99.9 %	70-130		01/20/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		01/20/25	01/21/25	
Surrogate: Toluene-d8		103 %	70-130		01/20/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		99.9 %	70-130		01/20/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130		01/20/25	01/21/25	
Surrogate: Toluene-d8		103 %	70-130		01/20/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	1330	25.0		1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	1530	50.0		1	01/20/25	01/21/25	
Surrogate: n-Nonane		119 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: AK		Batch: 2504041
Chloride	4750	100		5	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS54-0.5' E501127-04

Analyte	Result	Reporting Limit		ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2504021
Benzene	ND	0.0250		1	01/20/25	01/21/25	
Ethylbenzene	ND	0.0250		1	01/20/25	01/21/25	
Toluene	ND	0.0250		1	01/20/25	01/21/25	
o-Xylene	ND	0.0250		1	01/20/25	01/21/25	
p,m-Xylene	ND	0.0500		1	01/20/25	01/21/25	
Total Xylenes	ND	0.0250		1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		102 %	70-130		01/20/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		01/20/25	01/21/25	
Surrogate: Toluene-d8		105 %	70-130		01/20/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/20/25	01/21/25	
Surrogate: Bromofluorobenzene		102 %	70-130		01/20/25	01/21/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130		01/20/25	01/21/25	
Surrogate: Toluene-d8		105 %	70-130		01/20/25	01/21/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	52.5	25.0		1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	93.3	50.0		1	01/20/25	01/21/25	
Surrogate: n-Nonane		119 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2504041
Chloride	2230	200	1	10	01/21/25	01/21/25	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20254:47:06PM

FS55-0.5' E501127-05

	D. I.	Reporting		ı.·	D 1		N
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: BA	A		Batch: 2504021
Benzene	ND	0.0250	1	l	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	l	01/20/25	01/22/25	
Toluene	ND	0.0250	1	[01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	l	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	l	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	l	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		106 %	70-130		01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		01/20/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: B	A		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		106 %	70-130		01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130		01/20/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst: N	V		Batch: 2504019
Diesel Range Organics (C10-C28)	250	25.0	1	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/20/25	01/21/25	
Surrogate: n-Nonane		123 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: AI	ζ.		Batch: 2504041
Chloride	5870	100	5	5	01/21/25	01/21/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/2025 4:47:06PM

FS56-0.5' E501127-06

		2001127 00					
Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst		<u> </u>	Batch: 2504021
Benzene	ND	0.0250		1	01/20/25	01/23/25	Butch: 250 1021
Ethylbenzene	ND ND	0.0250		1	01/20/25	01/23/25	
Toluene	ND	0.0250		1	01/20/25	01/23/25	
o-Xylene	0.0710	0.0250		1	01/20/25	01/23/25	
p,m-Xylene	0.0680	0.0500		1	01/20/25	01/23/25	
Total Xylenes	0.139	0.0250		1	01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		108 %	70-130		01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		01/20/25	01/23/25	
Surrogate: Toluene-d8		105 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	21.6	20.0		1	01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		108 %	70-130		01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130		01/20/25	01/23/25	
Surrogate: Toluene-d8		105 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	3200	25.0		1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	68.9	50.0		1	01/20/25	01/21/25	
Surrogate: n-Nonane		123 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2504041
Chloride	5650	100		5	01/21/25	01/21/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/2025 4:47:06PM

FS90-0.5' E501127-07

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: BA		Batch: 2504021
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	01/20/25	01/23/25	
Surrogate: Toluene-d8		105 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		101 %	70-130	01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	01/20/25	01/23/25	
Surrogate: Toluene-d8		105 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	316	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	77.0	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		124 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	I	Analyst: AK		Batch: 2504041
Chloride	4630	100	5	01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS91-0.5' E501127-08

		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2504021
Benzene	ND	0.0250	1	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	1	01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130		01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		01/20/25	01/23/25	
Surrogate: Toluene-d8		101 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst: BA		Batch: 2504021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	1	01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130		01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		01/20/25	01/23/25	
Surrogate: Toluene-d8		101 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2504019
Diesel Range Organics (C10-C28)	371	25.0	1	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	1	01/20/25	01/21/25	
Surrogate: n-Nonane		122 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2504041
Chloride	6660	100	- 5	5	01/21/25	01/21/25	

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS92-0.5' E501127-09

	E301127-07				
Result			ion Prepared	Analyzed	Notes
			1		Batch: 2504021
		1		01/23/25	Daten: 2304021
		1			
		1			
		•			
		1			
		1			
ND					
			01/20/25	01/23/25	
	102 %	70-130	01/20/25	01/23/25	
mg/kg	mg/kg	Α	Analyst: BA		Batch: 2504021
ND	20.0	1	01/20/25	01/23/25	
	103 %	70-130	01/20/25	01/23/25	
	97.1 %	70-130	01/20/25	01/23/25	
	102 %	70-130	01/20/25	01/23/25	
mg/kg	mg/kg	Α	Analyst: NV		Batch: 2504019
68.7	25.0	1	01/20/25	01/21/25	
ND	50.0	1	01/20/25	01/21/25	
	124 %	50-200	01/20/25	01/21/25	
			1		D . 1 2504041
mg/kg	mg/kg	A	Analyst: AK		Batch: 2504041
	MD mg/kg 68.7 ND	Result Limit mg/kg mg/kg ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0500 ND 0.0250 I03 % 97.1 % 102 % mg/kg mg/kg ND 20.0 103 % 97.1 % 102 % mg/kg mg/kg ND 25.0 102 %	Reporting Result Limit Dilut mg/kg mg/kg A 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 70-130 97.1 % 70-130 70-130 mg/kg mg/kg A ND 20.0 1 103 % 70-130 70-130 97.1 % 70-130 70-130 mg/kg mg/kg A 68.7 25.0 1 ND 50.0 1 124 % 50-200	Reporting Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 01/20/25 ND 0.0250 1 01/20/25 ND 0.0250 1 01/20/25 ND 0.0250 1 01/20/25 ND 0.0500 1 01/20/25 ND 0.0250 1 01/20/25 ND 0.0250 1 01/20/25 97.1 % 70-130 01/20/25 97.1 % 70-130 01/20/25 mg/kg mg/kg Analyst: BA ND 20.0 1 01/20/25 97.1 % 70-130 01/20/25 97.1 % 70-130 01/20/25 102 % 70-130 01/20/25 mg/kg mg/kg Analyst: NV 68.7 25.0 1 01/20/25 ND 50.0 1 01/20/25 ND 50.0 1 01/20/25 <	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/20/25 01/23/25 ND 0.0500 1 01/20/25 01/23/25 ND 0.0250 1 01/20/25 01/23/25 ND 0.0250 1 01/20/25 01/23/25 97.1 % 70-130 01/20/25 01/23/25 97.1 % 70-130 01/20/25 01/23/25 mg/kg mg/kg Analyst: BA ND 20.0 1 01/20/25 01/23/25 97.1 % 70-130 01/20/25 01/23/25 97.1 % 70-130 01/20/25 01/23/25 102 % 70-130 01/20/25 01/23/25<



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20254:47:06PM

FS94-1'

E501127-10

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	nalyst: BA		Batch: 2504021
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/23/25	
Toluene	ND	0.0250	1	01/20/25	01/23/25	
o-Xylene	ND	0.0250	1	01/20/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	01/20/25	01/23/25	
Surrogate: Toluene-d8		103 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	nalyst: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		102 %	70-130	01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	01/20/25	01/23/25	
Surrogate: Toluene-d8		103 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	Α	Analyst: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		112 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	nalyst: AK		Batch: 2504041
Chloride	2510	200	10	01/21/25	01/21/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/2025 4:47:06PM

FS95-0.5' E501127-11

		2001127 11				
	D 1	Reporting		·	1	N
Analyte	Result	Limit	Dilut	tion Prepa	ared Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2504021
Benzene	ND	0.0250	1	01/20	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20	01/23/25	
Toluene	ND	0.0250	1	01/20	01/23/25	
o-Xylene	0.0265	0.0250	1	01/20	01/23/25	
p,m-Xylene	ND	0.0500	1	01/20	01/23/25	
Total Xylenes	0.0265	0.0250	1	01/20	0/25 01/23/25	
Surrogate: Bromofluorobenzene		106 %	70-130	01/20	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	01/20	0/25 01/23/25	
Surrogate: Toluene-d8		105 %	70-130	01/20	0/25 01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20	01/23/25	
Surrogate: Bromofluorobenzene		106 %	70-130	01/20	0/25 01/23/25	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	01/20	0/25 01/23/25	
Surrogate: Toluene-d8		105 %	70-130	01/20	0/25 01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	1270	25.0	1	01/20	0/25 01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20	01/21/25	
Surrogate: n-Nonane		120 %	50-200	01/20	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK		Batch: 2504041
Chloride	3410	200	10	01/21	/25 01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS96-0.5' E501127-12

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2504021
Benzene	ND	0.0250		1	01/20/25	01/23/25	
Ethylbenzene	0.310	0.0250		1	01/20/25	01/23/25	
Toluene	0.0295	0.0250		1	01/20/25	01/23/25	
o-Xylene	0.502	0.0250		1	01/20/25	01/23/25	
p,m-Xylene	1.05	0.0500		1	01/20/25	01/23/25	
Total Xylenes	1.55	0.0250		1	01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130		01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/20/25	01/23/25	
Surrogate: Toluene-d8		107 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	59.1	20.0		1	01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130		01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/20/25	01/23/25	
Surrogate: Toluene-d8		107 %	70-130		01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2504019
Diesel Range Organics (C10-C28)	6130	25.0		1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	69.0	50.0		1	01/20/25	01/21/25	
Surrogate: n-Nonane	·	126 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2504041
Chloride	6180	100		5	01/21/25	01/21/25	

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS97-1'

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA	\		Batch: 2504021
Benzene	ND	0.0250	1		01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1		01/20/25	01/23/25	
Toluene	ND	0.0250	1		01/20/25	01/22/25	
o-Xylene	0.0425	0.0250	1		01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1		01/20/25	01/23/25	
Total Xylenes	0.0425	0.0250	1		01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		104 %	70-130		01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		01/20/25	01/23/25	
Surrogate: Toluene-d8		104 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA	1		Batch: 2504021
Gasoline Range Organics (C6-C10)	28.8	20.0	1		01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		104 %	70-130		01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		94.7 %	70-130		01/20/25	01/23/25	
Surrogate: Toluene-d8		104 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV	7		Batch: 2504019
Diesel Range Organics (C10-C28)	2030	25.0	1		01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/20/25	01/21/25	
Surrogate: n-Nonane		127 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK	ζ		Batch: 2504041
			10		01/21/25	01/21/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS07-1'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504021
Benzene	ND	0.0250	1	01/20/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		100 %	70-130	01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	01/20/25	01/23/25	
Surrogate: Toluene-d8		104 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/23/25	
Surrogate: Bromofluorobenzene		100 %	70-130	01/20/25	01/23/25	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	01/20/25	01/23/25	
Surrogate: Toluene-d8		104 %	70-130	01/20/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		113 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: AK		Batch: 2504041



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/2025 4:47:06PM

FS12-1'

		Reporting				
Analyte	Result	Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2504021
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		98.0 %	70-130	01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	01/20/25	01/22/25	
Surrogate: Toluene-d8		103 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		98.0 %	70-130	01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	01/20/25	01/22/25	
Surrogate: Toluene-d8		103 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		110 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2504041
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Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/2025 4:47:06PM

FS14-1'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504021
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene	·	97.7 %	70-130	01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	01/20/25	01/22/25	
Surrogate: Toluene-d8		106 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		97.7 %	70-130	01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	01/20/25	01/22/25	
Surrogate: Toluene-d8		106 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		124 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: AK		Batch: 2504041
	5470	200	10	01/21/25	01/21/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20254:47:06PM

FS16-1'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	.nalyst: BA		Batch: 2504021
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		99.4 %	70-130	01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	01/20/25	01/22/25	
Surrogate: Toluene-d8		103 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		99.4 %	70-130	01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	01/20/25	01/22/25	
Surrogate: Toluene-d8		103 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	244	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	147	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		121 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	.nalyst: AK		Batch: 2504041
11110115 0 3 11111 0 0 0 0 0 7 0 0 0 1 1						



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20254:47:06PM

FS29-1'

		Reporting				
Analyte	Result	Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	.nalyst: BA		Batch: 2504021
Benzene	ND	0.0250	1	01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25	
Toluene	ND	0.0250	1	01/20/25	01/22/25	
o-Xylene	ND	0.0250	1	01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		99.8 %	70-130	01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	01/20/25	01/22/25	
Surrogate: Toluene-d8		103 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		99.8 %	70-130	01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	01/20/25	01/22/25	
Surrogate: Toluene-d8		103 %	70-130	01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2504019
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25	
Surrogate: n-Nonane		117 %	50-200	01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: AK		Batch: 2504041



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS33-1' E501127-19

		Reporting					
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	BA		Batch: 2504021
Benzene	ND	0.0250	1		01/20/25	01/22/25	
Ethylbenzene	ND	0.0250	1		01/20/25	01/22/25	
Toluene	ND	0.0250	1		01/20/25	01/22/25	
o-Xylene	ND	0.0250	1		01/20/25	01/22/25	
p,m-Xylene	ND	0.0500	1		01/20/25	01/22/25	
Total Xylenes	ND	0.0250	1		01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		97.8 %	70-130		01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/20/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	٠	Analyst:	BA		Batch: 2504021
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/20/25	01/22/25	
Surrogate: Bromofluorobenzene		97.8 %	70-130		01/20/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		01/20/25	01/22/25	
Surrogate: Toluene-d8		105 %	70-130		01/20/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2504019
Diesel Range Organics (C10-C28)	ND	25.0	1		01/20/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	l	01/20/25	01/21/25	
Surrogate: n-Nonane		117 %	50-200		01/20/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	AK		Batch: 2504041
Chloride	7330	200	10		01/21/25	01/22/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20254:47:06PM

FS35-1'

Reporting							
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	analyst: BA		Batch: 2504021	
Benzene	ND	0.0250	1	01/20/25	01/22/25		
Ethylbenzene	ND	0.0250	1	01/20/25	01/22/25		
Toluene	ND	0.0250	1	01/20/25	01/22/25		
o-Xylene	ND	0.0250	1	01/20/25	01/22/25		
p,m-Xylene	ND	0.0500	1	01/20/25	01/22/25		
Total Xylenes	ND	0.0250	1	01/20/25	01/22/25		
Surrogate: Bromofluorobenzene		99.0 %	70-130	01/20/25	01/22/25		
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	01/20/25	01/22/25		
Surrogate: Toluene-d8		102 %	70-130	01/20/25	01/22/25		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: BA		Batch: 2504021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/22/25		
Surrogate: Bromofluorobenzene		99.0 %	70-130	01/20/25	01/22/25		
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	01/20/25	01/22/25		
Surrogate: Toluene-d8		102 %	70-130	01/20/25	01/22/25		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	analyst: NV		Batch: 2504019	
Diesel Range Organics (C10-C28)	ND	25.0	1	01/20/25	01/21/25		
Oil Range Organics (C28-C36)	ND	50.0	1	01/20/25	01/21/25		
Surrogate: n-Nonane		117 %	50-200	01/20/25	01/21/25		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	analyst: AK		Batch: 2504041	
Chloride	5860	200	10	01/21/25	01/22/25		



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS39-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2504025
Benzene	ND	0.0250	1	01/20/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/24/25	
Toluene	ND	0.0250	1	01/20/25	01/24/25	
o-Xylene	ND	0.0250	1	01/20/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/24/25	
Surrogate: 4-Bromochlorobenzene-PID		89.6 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2504025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.1 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2504052
Diesel Range Organics (C10-C28)	36.9	25.0	1	01/21/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/21/25	
Surrogate: n-Nonane		107 %	50-200	01/21/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2504062



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS40-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2504025
Benzene	ND	0.0250	1	01/20/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/24/25	
Toluene	ND	0.0250	1	01/20/25	01/24/25	
o-Xylene	ND	0.0250	1	01/20/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/24/25	
Surrogate: 4-Bromochlorobenzene-PID		90.2 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2504025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.3 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2504052
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/21/25	
Surrogate: n-Nonane		108 %	50-200	01/21/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2504062



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS41-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504025
Benzene	ND	0.0250	1	01/20/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/24/25	
Toluene	ND	0.0250	1	01/20/25	01/24/25	
o-Xylene	ND	0.0250	1	01/20/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/24/25	
Surrogate: 4-Bromochlorobenzene-PID		89.7 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2504052
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/21/25	
Surrogate: n-Nonane		105 %	50-200	01/21/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2504062
Chloride	2800	200	10	01/24/25	01/24/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS84-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504025
Benzene	ND	0.0250	1	01/20/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/24/25	
Toluene	ND	0.0250	1	01/20/25	01/24/25	
o-Xylene	ND	0.0250	1	01/20/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/24/25	
Surrogate: 4-Bromochlorobenzene-PID		89.5 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Anal	yst: SL		Batch: 2504025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.9 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Anal	yst: NV		Batch: 2504052
Diesel Range Organics (C10-C28)	129	25.0	1	01/21/25	01/21/25	
Oil Range Organics (C28-C36)	129	50.0	1	01/21/25	01/21/25	
Surrogate: n-Nonane		108 %	50-200	01/21/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Anal	yst: DT		Batch: 2504062



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS93-1'

		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2504025
Benzene	ND	0.0250	1	01/20/25	01/24/25	
Ethylbenzene	ND	0.0250	1	01/20/25	01/24/25	
Toluene	ND	0.0250	1	01/20/25	01/24/25	
o-Xylene	0.128	0.0250	1	01/20/25	01/24/25	
p,m-Xylene	0.0844	0.0500	1	01/20/25	01/24/25	
Total Xylenes	0.212	0.0250	1	01/20/25	01/24/25	
Surrogate: 4-Bromochlorobenzene-PID		104 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	:: SL		Batch: 2504025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.7 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2504052
Diesel Range Organics (C10-C28)	1670	25.0	1	01/21/25	01/21/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/21/25	
Surrogate: n-Nonane		114 %	50-200	01/21/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: DT		Batch: 2504062
imons by Elite Colors Court						



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS107-1' E501127-26

		E301127-20				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
· ·······				•	1 11111) 200	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504025
Benzene	ND	0.0250	1	01/20/25	01/24/25	
Ethylbenzene	0.0418	0.0250	1	01/20/25	01/24/25	
Toluene	0.0341	0.0250	1	01/20/25	01/24/25	
o-Xylene	ND	0.0250	1	01/20/25	01/24/25	
p,m-Xylene	ND	0.0500	1	01/20/25	01/24/25	
Total Xylenes	ND	0.0250	1	01/20/25	01/24/25	
Surrogate: 4-Bromochlorobenzene-PID		95.9 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	yst: SL		Batch: 2504025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	yst: NV		Batch: 2504052
Diesel Range Organics (C10-C28)	448	25.0	1	01/21/25	01/21/25	
Oil Range Organics (C28-C36)	70.4	50.0	1	01/21/25	01/21/25	
Surrogate: n-Nonane		112 %	50-200	01/21/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	yst: DT		Batch: 2504062
Chloride	4620	200	10	01/24/25	01/24/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

FS112-0.5' E501127-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	Organics by EPA 8021B mg/kg mg/kg Analyst: SL		<u>-</u>	Batch: 2504025		
Benzene	ND	0.0250	1	01/20/25	01/24/25	
Ethylbenzene	0.0380	0.0250	1	01/20/25	01/24/25	
Toluene	ND	0.0250	1	01/20/25	01/24/25	
o-Xylene	ND	0.0250	1	01/20/25	01/24/25	
p,m-Xylene	0.0644	0.0500	1	01/20/25	01/24/25	
Total Xylenes	0.0644	0.0250	1	01/20/25	01/24/25	
Surrogate: 4-Bromochlorobenzene-PID		89.3 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2504025
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/20/25	01/24/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.5 %	70-130	01/20/25	01/24/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2504052
Diesel Range Organics (C10-C28)	74.0	25.0	1	01/21/25	01/21/25	
Oil Range Organics (C28-C36)	76.9	50.0	1	01/21/25	01/21/25	
Surrogate: n-Nonane		119 %	50-200	01/21/25	01/21/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: DT		Batch: 2504062
Chloride	1990	40.0	2	01/24/25	01/24/25	



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20254:47:06PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			1/2	7/2025 4:47:06PN		
	V	Volatile Organic Compounds by EPA 8260B						Analyst: BA			
Analyte		Reporting	Spike	Source		Rec		RPD			
	Result	Limit	Level	Result	Rec	Limits	RPD	Limit			
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes		
Blank (2504021-BLK1)							Prepared: 0	1/20/25 Analy	yzed: 01/22/25		
Benzene	ND	0.0250									
Ethylbenzene	ND	0.0250									
Toluene	ND	0.0250									
o-Xylene	ND	0.0250									
o,m-Xylene	ND	0.0500									
Total Xylenes	ND	0.0250									
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130					
Surrogate: Toluene-d8	0.517		0.500		103	70-130					
LCS (2504021-BS1)							Prepared: 0	1/20/25 Analy	yzed: 01/22/25		
Benzene	2.27	0.0250	2.50		90.6	70-130					
Ethylbenzene	2.35	0.0250	2.50		94.1	70-130					
Toluene	2.29	0.0250	2.50		91.8	70-130					
o-Xylene	2.42	0.0250	2.50		96.9	70-130					
p,m-Xylene	4.78	0.0500	5.00		95.6	70-130					
Total Xylenes	7.20	0.0250	7.50		96.0	70-130					
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.522		0.500		104	70-130					
Surrogate: Toluene-d8	0.518		0.500		104	70-130					
Matrix Spike (2504021-MS1)				Source:	E501127-	05	Prepared: 0	1/20/25 Analy	yzed: 01/22/25		
Benzene	2.26	0.0250	2.50	ND	90.4	48-131					
Ethylbenzene	2.43	0.0250	2.50	ND	97.0	45-135					
Toluene	2.35	0.0250	2.50	ND	93.9	48-130					
o-Xylene	2.45	0.0250	2.50	ND	97.8	43-135					
o,m-Xylene	4.84	0.0500	5.00	ND	96.8	43-135					
Total Xylenes	7.29	0.0250	7.50	ND	97.1	43-135					
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130					
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130					
Surrogate: Toluene-d8	0.526		0.500		105	70-130					
Matrix Spike Dup (2504021-MSD1)				Source:	E501127-	05	Prepared: 0	1/20/25 Analy	yzed: 01/22/25		
Benzene	2.27	0.0250	2.50	ND	90.9	48-131	0.530	23			
Ethylbenzene	2.40	0.0250	2.50	ND	96.0	45-135	1.08	27			
Toluene	2.32	0.0250	2.50	ND	92.9	48-130	1.16	24			
p-Xylene	2.50	0.0250	2.50	ND	99.9	43-135	2.10	27			
p,m-Xylene	4.99	0.0500	5.00	ND	99.8	43-135	3.03	27			
Total Xylenes	7.49	0.0250	7.50	ND	99.8	43-135	2.72	27			
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130					
0 10011 1 1	0.402		0.500		00.2	70 120					

0.500

0.500

98.3

104

70-130

70-130

0.492

0.520

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Surrogate: 4-Bromochlorobenzene-PID

QC Summary Data

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	Reported:
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

Dallas TX, 75240		Project Manager:		shley Giovengo	o				1/27/2025 4:47:06PM
		Volatile O	y EPA 802				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 (2504025-BLK1)							Prepared: 0	1/20/25 Aı	nalyzed: 01/24/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
p-Xylene	ND	0.0250							
o,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.93		8.00		86.6	70-130			
LCS (2504025-BS1)							Prepared: 0	1/20/25 Aı	nalyzed: 01/24/25
Benzene	4.82	0.0250	5.00		96.4	70-130			
Ethylbenzene	4.63	0.0250	5.00		92.6	70-130			
Toluene	4.75	0.0250	5.00		95.0	70-130			
-Xylene	4.64	0.0250	5.00		92.9	70-130			
o,m-Xylene	9.43	0.0500	10.0		94.3	70-130			
Total Xylenes	14.1	0.0250	15.0		93.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.20		8.00		90.0	70-130			
LCS Dup (2504025-BSD1)							Prepared: 0	1/20/25 Aı	nalyzed: 01/24/25
Benzene	5.06	0.0250	5.00		101	70-130	4.95	20	
Ethylbenzene	4.84	0.0250	5.00		96.8	70-130	4.37	20	
Toluene	4.96	0.0250	5.00		99.3	70-130	4.46	20	
-Xylene	4.84	0.0250	5.00		96.8	70-130	4.14	20	
o,m-Xylene	9.81	0.0500	10.0		98.1	70-130	3.94	20	
Total Xylenes	14.6	0.0250	15.0		97.6	70-130	4.01	20	



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20254:47:06PM

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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

	Resuit	Limit	LCVCI	Result	Rec	Lillits	ICI D	Lillit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504021-BLK1)							Prepared: 0	1/20/25 A	nalyzed: 01/22/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.480		0.500		96.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.500		0.500		99.9	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			
LCS (2504021-BS2)							Prepared: 0	1/20/25 A	nalyzed: 01/22/25
Gasoline Range Organics (C6-C10)	54.4	20.0	50.0	·	109	70-130	·	·	·
Surrogate: Bromofluorobenzene	0.506		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		96.0	70-130			
Surrogate: Toluene-d8	0.538		0.500		108	70-130			
Matrix Spike (2504021-MS2)				Source:	E501127-0	05	Prepared: 0	1/20/25 A	nalyzed: 01/22/25
Gasoline Range Organics (C6-C10)	65.2	20.0	50.0	ND	130	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			
Matrix Spike Dup (2504021-MSD2)				Source:	E501127-0	05	Prepared: 0	1/20/25 A	nalyzed: 01/22/25
Gasoline Range Organics (C6-C10)	63.9	20.0	50.0	ND	128	70-130	1.94	20	
Surrogate: Bromofluorobenzene	0.491		0.500		98.2	70-130			
a 12 D. II I II									
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.2	70-130			



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20254:47:06PM

Nonhalogenated	Organics by	v 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 (2504025-BLK1)						Prepared: 01	1/20/25	Analyzed:	01/24/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.51		8.00	93.9	70-130				
LCS (2504025-BS2)						Prepared: 01	1/20/25	Analyzed:	01/24/25
Gasoline Range Organics (C6-C10)	42.2	20.0	50.0	84.4	70-130				
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.60		8.00	95.0	70-130				
LCS Dup (2504025-BSD2)						Prepared: 01	1/20/25	Analyzed:	01/24/25
Gasoline Range Organics (C6-C10)	42.0	20.0	50.0	83.9	70-130	0.492	20		
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.66		8.00	95.7	70-130				



QC Summary Data

Matador Resources, LLC. Janie Conner Well Pad Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 1/27/2025 4:47:06PM Dallas TX, 75240 Project Manager: Ashley Giovengo

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	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 (2504019-BLK1)							Prepared: 0	1/20/25 An	alyzed: 01/21/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	60.6		50.0		121	50-200			
LCS (2504019-BS1)							Prepared: 0	1/20/25 An	alyzed: 01/21/25
Diesel Range Organics (C10-C28)	287	25.0	250		115	38-132			
Surrogate: n-Nonane	59.1		50.0		118	50-200			
Matrix Spike (2504019-MS1)				Source:	E501127-1	14	Prepared: 0	1/20/25 An	alyzed: 01/21/25
Diesel Range Organics (C10-C28)	295	25.0	250	ND	118	38-132			
Surrogate: n-Nonane	59.5		50.0		119	50-200			
Matrix Spike Dup (2504019-MSD1)				Source:	E501127-1	14	Prepared: 0	1/20/25 An	alyzed: 01/21/25
Diesel Range Organics (C10-C28)	259	25.0	250	ND	104	38-132	12.9	20	
Surrogate: n-Nonane	60.2		50.0		120	50-200			

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20254:47:06PM

Danas 1A, 73240		1 Toject Manage	1. 710	micy Gloveng	30				2772023 1.17.0011
	Nonha	logenated Or	ganics by	EPA 8015I	O - 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 (2504052-BLK1)							Prepared: 0	1/21/25 Ana	alyzed: 01/21/25
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 (2504052-BS1)							Prepared: 0	1/21/25 Ana	alyzed: 01/21/25
Diesel Range Organics (C10-C28)	270	25.0	250		108	38-132			
Surrogate: n-Nonane	56.9		50.0		114	50-200			
Matrix Spike (2504052-MS1)				Source:	E501127-2	21	Prepared: 0	1/21/25 Ana	alyzed: 01/21/25
Diesel Range Organics (C10-C28)	303	25.0	250	36.9	106	38-132			
Surrogate: n-Nonane	48.7		50.0		97.4	50-200			
Matrix Spike Dup (2504052-MSD1)				Source:	E501127-2	21	Prepared: 0	1/21/25 Ana	alyzed: 01/21/25
Diesel Range Organics (C10-C28)	295	25.0	250	36.9	103	38-132	2.63	20	
Surrogate: n-Nonane	50.6		50.0		101	50-200			

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Janie Conner Well Pad 23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 4:47:06PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go				1/2//2025 4:4/:06PN
		Anions	by EPA 3	00.0/9056	4				Analyst: AK
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2504041-BLK1)							Prepared: 0	1/21/25 A	nalyzed: 01/21/25
Chloride	ND	20.0							
LCS (2504041-BS1)							Prepared: 0	1/21/25 A	nalyzed: 01/21/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2504041-MS1)				Source:	E501127-	03	Prepared: 0	1/21/25 A	nalyzed: 01/21/25
Chloride	4980	100	250	4750	91.9	80-120			
Matrix Spike Dup (2504041-MSD1)				Source:	E501127-	03	Prepared: 0	1/21/25 A	nalyzed: 01/21/25

250

100

4750

12.5

80-120

4.06

20



Matrix Spike (2504062-MS1)

Matrix Spike Dup (2504062-MSD1)

Chloride

Chloride

3090

3120

Prepared: 01/24/25 Analyzed: 01/24/25

Prepared: 01/24/25 Analyzed: 01/24/25

20

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:		nie Conner W 3003-0002	ell Pad				Reported:
Dallas TX, 75240		Project Manager:		shley Gioveng	go				1/27/2025 4:47:06PM
		Anions	by EPA 3	300.0/9056 <i>E</i>	4				Analyst: DT
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504062-BLK1)							Prepared: 0	1/24/25 Aı	nalyzed: 01/24/25
Chloride	ND	20.0							
LCS (2504062-BS1)							Prepared: 0	1/24/25 Aı	nalyzed: 01/24/25
Chloride	259	20.0	250		104	90-110			

250

250

200

200

Source: E501127-23

Source: E501127-23

115

127

80-120

80-120

1.02

2800

2800

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:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/27/25 16:47

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



Released to Imaging: 3/12/2025 10:09:53 AM

Kelinquished by: (Signature)

Date

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

				Chain	of Cus	stody													Pag	eo
	Clie	nt Inforn	nation	Invoice Information					La	b Us	se Or	nly				T	AT		Sta	te
Project:	Natador Prod Janie Conner Nanager: Ash	Well Pa	d	Company: Ensolum LLC Address: 3122 National Parks F City, State, Zip: Carlsbad NM, 8	- 10 A		Lab \	NO#	Q-	1	Job 23	Num 003	ber •00	02	1D	2D	3D Std	NN x	/ CO UT	TX
	3122 Nation			Phone: 575-988-0055	OZZO		ſ				Ana	alysis	and	Met	hod				EPA Progr	
Phone: 5	e, Zip: Carlst 575-988-0055 giovengo@er	5		Email: agiovengo@ensolum.c Miscellaneous:	om			19	9									SDWA Complia		RCRA or N
Ellidii. d	giovengowei	isolulli.c	OIII					y 801	y 8015	1		0.0	_	×	als			PWSID #	112111	10111
				Sample Information				RO by	RO by	y 802	8260	e 300	NN -	1- 50	Met					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Field	Filter 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	S
9:31	1/16/2025	S	1	FS51 - 0.5'		1							x							
9:34	1/16/2025	S	1	FS52 - 0.5'		2							х							
9:48	1/16/2025	S	1	FS53 - 0.5'		2	3						х							
9:50	1/16/2025	S	1	FS54 - 0.5'		4							х							
9:39	1/16/2025	S	1	FS55 - 0.5'	7	E	5				П		х							
9:41	1/16/2025	S	1	FS56 - 0.5'		6	,						х							
9:52	1/16/2025	S	1	FS90 - 0.5	3	1	1						х							
9:45	1/16/2025	S	1	FS91 - 0.5'		X							х							
9:51	1/16/2025	S	1	FS92 - 0.5'		9							х							
9:42	1/16/2025	S	1	FS94 - 1'		10							х							
	0.71 - 10.10 10.11			ton@ensolum.com, agiovengo@ensolum.com, ies																
	pler), attest to the :Cole Burton	validity and	d authenticity of	this sample. I am aware that tampering with or intentionally mislabe	ling the s	ample loca	ation, (date o	rtime	of con	ection	is con	sidered	Traud	and n	nay be	grounds for i	gai action.		
	ed by: (Signatur		Date ///	7/25 7:30 Received by: (Signature) Withele Ghard	,	te -17-2	15	Time	73	0			000				preservation mu I in ice at an av			
Relinquish	ed by (Signatur	e) n	Date	Time Received by: (Signature) Time Received by: (Signature) Time Received by: (Signature)	Da	te 17.	23	Time	160	15			Rec	eive	d on	ice:	Lab U Ø/ N T2	se Only	Т3	

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.

Received by: (Signature)



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

AVG Temp °C_

Page	Ut	of	L
rage_	-1	_ 01 _	-

Received by OCD: 3/4/2025 9:24:27 AM

	Clie	nt Inform	nation	Invoice Information				,		Lal	b Us	e On	ly			TAT				State		
Client: N	latador Prod	uction Co	ompany		mpany: Ensolum LLC		La	b V	VO#.			Job N	lum	ber		1D	2D	3D S	td	NM	CO UT	TX
	Janie Conner				dress: 3122 National Parks Hy		E	5	0/1	27	Z	230	103	000	\mathbf{z}			Х		x		
Project N	lanager: Ash	ley Giov	engo		y, State, Zip: Carlsbad NM, 883	220				7110												
	3122 Nation			<u>Ph</u>	one: 575-988-0055							Ana	lysis	and	Met	hod				EP/	A Progra	m
City, Stat	e, Zip: Carlsh	oad NM,	88220	En	nail: agiovengo@ensolum.co	m.													SD	AWG	CWA	RCRA
Phone: 5	75-988-0055	;		Mis	cellaneous:																	
Email: ag	giovengo@er	nsolum.co	om						8015	8015									Con	npliance	Y	or N
									y 80	by 80	11	0	0.0	5	×	a s			PW	/SID#		/
				Sample Information	on	1			80 6	30 b	/ 80	826	e 30	N.	- 50	Mel						
Time Sampled	Date Sampled	Matrix	No. of Containers		Sample ID	Field	Lab Numbe	er	DRO/ORO	GRO/DRO	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals				A	Remarks	
9:49	1/16/2025	S	1		FS95 - 0.5'		11							х								
9:47	1/16/2025	S	1		FS96 - 0.5'		17							х								
9:45	1/16/2025	S	1		FS97 - 1'		13							х								
14:32	1/16/2025	S	1		FS07 - 1'		14							х								
14:30	1/16/2025	S	1		F\$12 - 1'		15	-						х	-							
14:33	1/16/2025	S	1		FS14 - 1'		16							х								
14:27	1/16/2025	S	1		FS16 - 1'		17							х								
14:39	1/16/2025	S	1		FS29 - 1'		18	`						х								
14:34	1/16/2025	S	1		FS33 - 1'		19							х								
14:35	1/16/2025	S	1		FS35 - 1'		70							x								
Addition	al Instruction	ns: Plea	se CC: cburton	@ensolum.com, a	giovengo@ensolum.com, iest	rella@e	ensolun	n.cc	om, d	ham	ilto	n@er	rsolu	ım.co	om, l	simn	nons	@ensc	olum.c	om		
I, (field samp	oler), attest to the	validity and	authenticity of this	sample. I am aware that	tampering with or intentionally mislabeling	g the sam	ple location	on, d	ate or	time o	of colle	ection i	s cons	idered	fraud	and ma	ay be g	rounds fo	or legal a	ction.		
Sampled by:	Cole Burton																					
Relinquishe	ed by: (Signature	el	Date 1/17/2	5 7:70	Received by: (Signature)	Date	17-25		Time	730	5		3								ice the day t ut less than 6	
Relinquish	d by (Signature	e) //	Date 1-172	S 160S	Received by: (Signature)	Date	7.20	5	Time	64	t			Rece	eived	on ic	ce:	Lab	Use O	nly		
Relinguish	ed by: (Signature	И.	7.17.7	5 7315	Reserved by: (Separature) Have	Date	20.23	5	Time 7.	20)			T1				T2			Т3	
Relinquish	ed by: (Signature	e)	Date	Time	Received by: (Signature)	Date			Time					AVG	Ten	np °C	4					
			dge, A - Aqueous, O -				tainer Ty															

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



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	Clie	nt Inform	nation	1		Invoice Info	rmation				L	ab Us	e On	ly				TA	AT			State	9
Client: N	Matador Prod	uction Co	ompany		Com	pany: Ensolum LLC			Lab	b WO	#		Job I	Numl	ber		1D	2D	3D S	td	NM	CO UT	TX
Project:	Janie Conner	Well Pac	d		Add	ress: 3122 National	Parks Hwy		_ E	SOIL	27		230	203	-00	2			X		х		
Project N	Manager: Ash	nley Giove	engo			State, Zip: Carlsba	d NM, 88220		_														
	3122 Nation				Phor	ne: 575-988-0055			_				Ana	lysis	and	Met	hod					A Progra	
	e, Zip: Carls		88220			ail: agiovengo@en	solum.com		_											-	SDWA	CWA	RCRA
	575-988-005		0.74		Misce	ellaneous:				1											0 "	. 1 v	and N
Email: a	giovengo@e	nsolum.co	om				-			3015	8015			0			s			-	Complianc PWSID #	e Y	or N
<u></u>				Sample Inf	ormation					DRO/ORO by 8015	by 8	3021	260	Chloride 300.0	NM	TCEQ 1005 - TX	RCRA 8 Metals			1	PWSID#		
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Sampled	Date Sampled	Matrix	Containers		S	ample ID	9	Filter	Number	DRO L	GRO/DRO by	BTEX by 8021	VOC by 8260	Chlo	BGDOC - NM	TCEQ	RCR/					5,00,5,00	
14:36	1/16/2025	S	1		F	S39 - 1'			21						х								
14:36	1/16/2025	S	1		F	FS40 - 1'			22						х								
14:36	1/16/2025	S	1		F	FS41 - 1'			23						х								
14:47	1/16/2025	S	1		F	FS84 - 1'			24						х								
14:41	1/16/2025	S	1		F	FS93 - 1'			25						х							-44	
14:45	1/16/2025	S	1		F	S107 - 1'			26		П				х								
14:45	1/16/2025	S	1		FS	5112 - 0.5'			27						х								
Addition	al Instructio	ns: Plea	se CC: cbu	ırton@ensolum	n.com, ag	iovengo@ensolum.	com, iestrella	a@e	nsolum	n.com	, char	nilto	n@e	nsolu	ım.c	om, l	osimi	mons	@ens	olur	m.com		
		e validity and	d authenticity o	of this sample. I am a	aware that ta	ampering with or intentiona	illy mislabeling the	sam	ple location	n, date	or time	of coll	ection	is cons	idered	fraud	and m	ay be g	grounds f	for leg	gal action.		
	:Cole Burton_ ed_by: (Signatur	re)	Date	Time	F	Received by: (Signature)		Date		Time	e				Sampl	es requ	iring the	ermal p	reservatio	n mus	t be received o	n ice the day	they are
2	e Day	~	1//	17/25 7:	30		marles	1-1	7-25	C	73	0	1		sampl	ed or re	ceived	packed	in ice at ar	n avg t	temp above 0 b	ut less than 6	°C on
Relinquish	ed by: (Signatur	e)	es j-l	725 Time	02	Received by: (Signature)		Date	17.2	S Time	60	13			Rec	eived	d on i	ce:	(Y)		e Only		
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Relinquish	ed by: (Signatui	·e)	Date	Time	F	Received by: (Signature)		Date		Time					AVC	Ten	np °C	4)				
	trix: S - Soil, Sd - S								ainer Ty														
						angements are made. Ha liability of the laboratory							osed	of at t	he cli	ent ex	pense	. The	report f	or th	ie analysis o	the above	e samples is

(3

Printed: 1/20/2025 10:02:44AM

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: 01/20/25 07:20 Phone: (972) 371-5200 Date Logged In: 01/17/25 15:25 Email: agiovengo@ensolum.com Due Date: 01/24/25 17:00 Chain of Custody (COC) 1. Does the sample ID match the COC? 2. Does the number of samples per sampling site location match the COC 3. Were samples dropped off by client or carrier? Yes 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this disuession. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Sample Cooler 7. Was a sample cooler received? Yes 9. Was the sample(s) received intact, i.e., not broken? 10. Were custody/security seals present? 11. If yes, were custody/security seals intact? 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes Pield Label 20. Were field sample labels filled out with the minimum information: Sample ID? Date/Time Collected? Collectors name? No Sample Preservation	<i>50</i> ,
Email: agiovengo@ensolum.com Due Date: 01/24/25 17:00 Chain of Custody (COC) 1. Does the sample ID match the COC? Yes 2. Does the number of samples per sampling site location match the COC Yes 3. Were samples dropped off by client or carrier? Yes 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. Sample Turn Around Time (TAT) 6. Did the COC indicate standard TAT, or Expedited TAT? Yes 8. If yes, was cooler received? Yes 8. If yes, was cooler received in good condition? Yes 9. Was the sample(s) received intact, i.e., not broken? Yes 10. Were custody/security seals present? No 11. If yes, were custody/security seals intact? No 11. If yes, were custody/security seals intact? No 11. If yes, were custody/security seals intact? Yes Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling 13. If no visible ice, record the temperature. Actual sample temperature: 4°C Sample Container 14. Are aqueous VOC samples present? No 15. Are VOC samples collected in VOA Vials? NA 16. Is the head space less than 6-8 mm (pea sized or less)? NA 17. Was a trip blank (TB) included for VOC analyses? NA 18. Are non-VOC samples collected in the correct containers? Yes 19. Is the appropriate volume/weight or number of sample containers collected? Yes Field Label 20. Were field sample labels filled out with the minimum information: Sample ID? Yes Date/Time Collected? Yes Yes Collectors name?	Carrier: Courier Comments/Resolution Project Janie Conner Well Pad has been separated into 2 reports due to sample
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Date/Time Collected? Yes Collectors name? No	
Collectors name? No	
110	
Sumple 1 reservation	
21. Does the COC or field labels indicate the samples were preserved?	
22. Are sample(s) correctly preserved?	
24. Is lab filteration required and/or requested for dissolved metals?	
Multiphase Sample Matrix	
26. Does the sample have more than one phase, i.e., multiphase?	
27. If yes, does the COC specify which phase(s) is to be analyzed?	
Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? No	
	contract Lab: NA
* * * *	Contract Lab. 14A
Client Instruction	

Date

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

Matador Resources, LLC.

Project Name: Janie Conner Well Pad

Work Order: E501138

Job Number: 23003-0002

Received: 1/21/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 1/27/25

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

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

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

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

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

Date Reported: 1/27/25

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

Project Name: Janie Conner Well Pad

Workorder: E501138

Date Received: 1/21/2025 7:00:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 1/21/2025 7:00:00AM, under the Project Name: Janie Conner Well Pad.

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

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

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

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

Respectfully,

Walter Hinchman

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Sample Summary

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo01/27/25 13:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
FS22-1'	E501138-01A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS26-0.5'	E501138-02A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS27-0.5'	E501138-03A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS30-0'	E501138-04A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS31-0'	E501138-05A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS36-0'	E501138-06A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS37-0.5'	E501138-07A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS38-0.5'	E501138-08A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS49-0.5'	E501138-09A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS64-1'	E501138-10A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS67-1.5'	E501138-11A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS86-0.5'	E501138-12A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS69-0.5'	E501138-13A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS98-0.5'	E501138-14A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS101-0.5'	E501138-15A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS106-0.5'	E501138-16A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS108-0.5'	E501138-17A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS114-0'	E501138-18A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS115-0'	E501138-19A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS116-0'	E501138-20A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS117-0'	E501138-21A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS118-0'	E501138-22A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.
FS119-0'	E501138-23A	Soil	01/17/25	01/21/25	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 1:23:52PM

FS22-1' E501138-01

		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	l Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: BA		Batch: 2504051
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.6 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		103 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		98.1 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	А	analyst: BA		Batch: 2504051
		2 2				Batcii. 2304031
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	Batch. 2304031
				•		Batcii. 230 4 031
Gasoline Range Organics (C6-C10)		20.0	1	01/21/25	01/22/25	Batcii. 230 4 031
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene		20.0 97.6 %	70-130	01/21/25 01/21/25	01/22/25 01/22/25	Batcii. 230 4 031
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4		20.0 97.6 % 103 %	70-130 70-130 70-130	01/21/25 01/21/25	01/22/25 01/22/25	Batch: 2504055
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8	ND	20.0 97.6 % 103 % 98.1 %	70-130 70-130 70-130	01/21/25 01/21/25 01/21/25 01/21/25	01/22/25 01/22/25 01/22/25	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO	ND mg/kg	20.0 97.6 % 103 % 98.1 % mg/kg	70-130 70-130 70-130	01/21/25 01/21/25 01/21/25 01/21/25 Analyst: NV	01/22/25 01/22/25 01/22/25 01/22/25	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28)	ND mg/kg ND	20.0 97.6 % 103 % 98.1 % mg/kg 25.0	70-130 70-130 70-130	01/21/25 01/21/25 01/21/25 01/21/25 Analyst: NV 01/21/25	01/22/25 01/22/25 01/22/25 01/22/25 01/23/25 01/23/25	
Gasoline Range Organics (C6-C10) Surrogate: Bromofluorobenzene Surrogate: 1,2-Dichloroethane-d4 Surrogate: Toluene-d8 Nonhalogenated Organics by EPA 8015D - DRO/ORO Diesel Range Organics (C10-C28) Oil Range Organics (C28-C36)	ND mg/kg ND	20.0 97.6 % 103 % 98.1 % mg/kg 25.0 50.0	1 70-130 70-130 70-130 A 1 1 50-200	01/21/25 01/21/25 01/21/25 01/21/25 201/21/25 201/21/25	01/22/25 01/22/25 01/22/25 01/22/25 01/23/25 01/23/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS26-0.5' E501138-02

		2001100 02				
Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: BA	<u> </u>	Batch: 2504051
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		99.1 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		97.9 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		99.1 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		97.9 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	41.1	25.0	1	01/21/25	01/23/25	_
Oil Range Organics (C28-C36)	139	50.0	1	01/21/25	01/23/25	
Surrogate: n-Nonane		129 %	50-200	01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: AK		Batch: 2504086
Chloride	3310	200	10	01/22/25	01/23/25	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS27-0.5' E501138-03

		E301130-03				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Allaryte		Limit		1	Allalyzeu	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2504051
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.3 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		97.1 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.3 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.3 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		97.1 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/23/25	
Surrogate: n-Nonane		114 %	50-200	01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2504086
Chloride	2420	200	10	01/22/25	01/23/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 1:23:52PM

FS30-0' E501138-04

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2504051
Benzene	ND	0.0250		1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250		1	01/21/25	01/22/25	
Toluene	ND	0.0250		1	01/21/25	01/22/25	
o-Xylene	ND	0.0250		1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500		1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250		1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.7 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		96.4 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.7 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		96.4 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	107	25.0		1	01/21/25	01/23/25	
Oil Range Organics (C28-C36)	76.7	50.0		1	01/21/25	01/23/25	
Surrogate: n-Nonane		125 %	50-200		01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2504086
Chloride	5700	100		5	01/22/25	01/23/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS31-0'

E501138-05

		Reporting					
Analyte	Result	Limit	Dil	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2504051
Benzene	ND	0.0250		1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250		1	01/21/25	01/22/25	
Toluene	ND	0.0250		1	01/21/25	01/22/25	
o-Xylene	ND	0.0250		1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500		1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250		1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		98.7 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.3 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		98.7 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	ND	25.0		1	01/21/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/21/25	01/23/25	
Surrogate: n-Nonane		122 %	50-200		01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2504086
Chloride	6400	200		10	01/22/25	01/23/25	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS36-0'

E501138-06

		Reporting				
Analyte	Result	Limit	Dilut	tion Prepa	ared Analyz	red Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2504051
Benzene	ND	0.0250	1	01/2	1/25 01/22/2	25
Ethylbenzene	ND	0.0250	1	01/2	1/25 01/22/2	25
Toluene	ND	0.0250	1	01/2	1/25 01/22/2	25
o-Xylene	ND	0.0250	1	01/2	1/25 01/22/2	25
p,m-Xylene	ND	0.0500	1	01/2	1/25 01/22/2	25
Total Xylenes	ND	0.0250	1	01/2	1/25 01/22/2	25
Surrogate: Bromofluorobenzene		98.6 %	70-130	01/2	1/25 01/22/	25
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	01/2	1/25 01/22/2	25
Surrogate: Toluene-d8		96.6 %	70-130	01/2	1/25 01/22/2	25
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/2	1/25 01/22/2	25
Surrogate: Bromofluorobenzene		98.6 %	70-130	01/2	1/25 01/22/	25
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	01/2	1/25 01/22/	25
Surrogate: Toluene-d8		96.6 %	70-130	01/2.	1/25 01/22/2	25
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	206	25.0	1	01/2	1/25 01/23/2	25
Oil Range Organics (C28-C36)	159	50.0	1	01/2	1/25 01/23/2	25
Surrogate: n-Nonane		120 %	50-200	01/2.	1/25 01/23/2	25
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK		Batch: 2504086
Chloride	4070	200	10	01/22	2/25 01/23/2	25



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS37-0.5' E501138-07

		Ecolico o				
Analyte	Result	Reporting Limit	Diluti	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504051
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.0 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		96.5 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.0 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		96.5 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/23/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/23/25	
Surrogate: n-Nonane		121 %	50-200	01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	nalyst: AK		Batch: 2504086
Chloride	2520	200	10	01/22/25	01/23/25	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS38-0.5' E501138-08

		2001100 00				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	analyst: BA		Batch: 2504051
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.9 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		96.6 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	analyst: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.9 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		96.6 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	analyst: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/23/25	
Surrogate: n-Nonane		113 %	50-200	01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: AK		Batch: 2504086
Chloride	677	200	10	01/22/25	01/23/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS49-0.5' E501138-09

		E301130-07				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Thatye				1	7 mary 200	
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504051
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.7 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		97.9 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.7 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		97.9 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Ai	nalyst: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/23/25	
Surrogate: n-Nonane		121 %	50-200	01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Ai	nalyst: AK		Batch: 2504086
Chloride	2980	200	10	01/22/25	01/23/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS64-1'

E501138-10

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	1	Analyst:	BA		Batch: 2504051
Benzene	ND	0.0250	1		01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1		01/21/25	01/22/25	
Toluene	ND	0.0250	1		01/21/25	01/22/25	
o-Xylene	ND	0.0250	1		01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1		01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1		01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		97.1 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst:	BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1		01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		97.1 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst:	NV		Batch: 2504055
Diesel Range Organics (C10-C28)	ND	25.0	1		01/21/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1		01/21/25	01/23/25	
Surrogate: n-Nonane		133 %	50-200		01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	AK		Batch: 2504086
Chloride	4810	200	10	0	01/22/25	01/23/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 1:23:52PM

FS67-1.5' E501138-11

Analyte	Result	Reporting Limit		lution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst		, -	Batch: 2504051
Benzene	ND	0.0250		1	01/21/25	01/22/25	2001001
Ethylbenzene	ND	0.0250		1	01/21/25	01/22/25	
Toluene	ND	0.0250		1	01/21/25	01/22/25	
o-Xylene	ND	0.0250		1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500		1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250		1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		99.7 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		98.3 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		99.7 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		98.3 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	31.1	25.0		1	01/21/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/21/25	01/23/25	
Surrogate: n-Nonane		118 %	50-200		01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2504086
Chloride	5160	200		10	01/22/25	01/23/25	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS86-0.5' E501138-12

		2001100 12				
Analyte	Result	Reporting Limit	Dilutio	on Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2504051
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		96.6 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Aı	nalyst: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		99.9 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		96.6 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Aı	nalyst: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/23/25	
Surrogate: n-Nonane		106 %	50-200	01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Aı	nalyst: AK		Batch: 2504086
Chloride	3230	200	10	01/22/25	01/23/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS69-0.5'

		E501138-13					
		Reporting					
Analyte	Result	Limit	Dilu	ıtion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst	: BA		Batch: 2504051
Benzene	ND	0.0250		1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	į	1	01/21/25	01/22/25	
Toluene	ND	0.0250		1	01/21/25	01/22/25	
o-Xylene	ND	0.0250		1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500		1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.4 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		96.6 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst	: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.4 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		96.6 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst	: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	ND	25.0		1	01/21/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/21/25	01/23/25	
Surrogate: n-Nonane		120 %	50-200		01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst	: AK		Batch: 2504086
Chloride	4860	200	1	.0	01/22/25	01/23/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS98-0.5' E501138-14

		E301130-14				
Analyte	Result	Reporting Limit	Dilu	tion Prepare	ed Analyzed	Notes
Analyte	Resuit	Limit	שוועו	non riepare	zu Anaryzed	notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: BA		Batch: 2504051
Benzene	ND	0.0250	1	01/21/2	25 01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/2	25 01/22/25	
Toluene	ND	0.0250	1	01/21/2	25 01/22/25	
o-Xylene	ND	0.0250	1	01/21/2	25 01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/2	25 01/22/25	
Total Xylenes	ND	0.0250	1	01/21/2	25 01/22/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130	01/21/2	25 01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	01/21/2	25 01/22/25	
Surrogate: Toluene-d8		97.3 %	70-130	01/21/2	25 01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/2	25 01/22/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130	01/21/2	25 01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.7 %	70-130	01/21/2	25 01/22/25	
Surrogate: Toluene-d8		97.3 %	70-130	01/21/2	25 01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/2	25 01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/2	25 01/23/25	
Surrogate: n-Nonane		117 %	50-200	01/21/2	25 01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: AK		Batch: 2504086
Chloride	1160	200	10	01/22/2	25 01/23/25	
Anions by EPA 300.0/9056A Chloride					25 01/23/25	Batch:



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS101-0.5' E501138-15

	1301130-13				
Racult			ion Prepared	Analyzed	Notes
Result	Lillit	Diluii	ion Frepared	Allalyzeu	Notes
mg/kg	mg/kg	A	Analyst: BA		Batch: 2504051
ND	0.0250	1	01/21/25	01/22/25	
ND	0.0250	1	01/21/25	01/22/25	
ND	0.0250	1	01/21/25	01/22/25	
ND	0.0250	1	01/21/25	01/22/25	
ND	0.0500	1	01/21/25	01/22/25	
ND	0.0250	1	01/21/25	01/22/25	
	98.3 %	70-130	01/21/25	01/22/25	
	99.3 %	70-130	01/21/25	01/22/25	
	97.9 %	70-130	01/21/25	01/22/25	
mg/kg	mg/kg	A	Analyst: BA		Batch: 2504051
ND	20.0	1	01/21/25	01/22/25	
	98.3 %	70-130	01/21/25	01/22/25	
	99.3 %	70-130	01/21/25	01/22/25	
	97.9 %	70-130	01/21/25	01/22/25	
mg/kg	mg/kg	A	Analyst: NV		Batch: 2504055
266	25.0	1	01/21/25	01/23/25	
ND	50.0	1	01/21/25	01/23/25	
	116 %	50-200	01/21/25	01/23/25	
mg/kg	mg/kg	A	Analyst: AK		Batch: 2504086
	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 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 MD 0.0500 ND 0.0250 MD 0.0250 98.3 % 99.3 % 97.9 % mg/kg mg/kg ND 20.0 98.3 % 99.3 % 97.9 % mg/kg mg/kg ND 25.0 mg/kg mg/kg 266 25.0 ND 50.0	Reporting Result Limit Dilut 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 98.3 % 70-130 99.3 % 99.3 % 70-130 70-130 mg/kg mg/kg A 99.3 % 70-130 99.3 % 97.9 % 70-130 70-130 mg/kg mg/kg A mg/kg mg/kg A ND 50.0 1	Result Limit Dilution Prepared mg/kg mg/kg Analyst: BA ND 0.0250 1 01/21/25 ND 0.0250 1 01/21/25 ND 0.0250 1 01/21/25 ND 0.0250 1 01/21/25 ND 0.0500 1 01/21/25 ND 0.0250 1 01/21/25 ND 0.0250 1 01/21/25 99.3 % 70-130 01/21/25 99.3 % 70-130 01/21/25 mg/kg mg/kg Analyst: BA ND 20.0 1 01/21/25 99.3 % 70-130 01/21/25 99.3 % 70-130 01/21/25 97.9 % 70-130 01/21/25 97.9 % 70-130 01/21/25 mg/kg mg/kg Analyst: NV 266 25.0 1 01/21/25 ND 50.0 1 01/21/25	Reporting Limit Dilution Prepared Analyzed mg/kg mg/kg Analyst: BA ND 0.0250 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 ND 0.0500 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 98.3 % 70-130 01/21/25 01/22/25 99.3 % 70-130 01/21/25 01/22/25 mg/kg mg/kg Analyst: BA ND 20.0 1 01/21/25 01/22/25 99.3 % 70-130 01/21/25 01/22/25 99.3 % 70-130 01/21/25 01/22/25 97.9 % 70-130 01/21/25 01/22/25 97.9 % 70-130 01/21/25 01/22/25



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 1:23:52PM

FS106-0.5' E501138-16

Result mg/kg	Reporting Limit	Diluti	ion Prepared		
	Limit	Diluti		Analyzed	Notes
ma/ka			ion repared	Anaryzeu	Notes
mg/kg	mg/kg	A	analyst: BA		Batch: 2504051
ND	0.0250	1	01/21/25	01/22/25	
ND	0.0250	1	01/21/25	01/22/25	
ND	0.0250	1	01/21/25	01/22/25	
ND	0.0250	1	01/21/25	01/22/25	
ND	0.0500	1	01/21/25	01/22/25	
ND	0.0250	1	01/21/25	01/22/25	
	99.1 %	70-130	01/21/25	01/22/25	
	98.7 %	70-130	01/21/25	01/22/25	
	97.2 %	70-130	01/21/25	01/22/25	
mg/kg	mg/kg	Analyst: BA		Batch: 2504051	
ND	20.0	1	01/21/25	01/22/25	
	99.1 %	70-130	01/21/25	01/22/25	
	98.7 %	70-130	01/21/25	01/22/25	
	97.2 %	70-130	01/21/25	01/22/25	
mg/kg	mg/kg	A	analyst: NV		Batch: 2504055
504	25.0	1	01/21/25	01/23/25	
ND	50.0	1	01/21/25	01/23/25	
	121 %	50-200	01/21/25	01/23/25	
mg/kg	mg/kg	A	analyst: AK		Batch: 2504086
3000	200	10	01/22/25	01/23/25	
	MD ND ND Mg/kg ND mg/kg 504 ND mg/kg	ND 0.0250 ND 0.0250 ND 0.0500 ND 0.0250 99.1 % 98.7 % 97.2 % mg/kg mg/kg ND 20.0 99.1 % 98.7 % 97.2 % mg/kg mg/kg ND 25.0 ND 25.0 121 % mg/kg mg/kg	ND 0.0250 1 ND 0.0250 1 ND 0.0500 1 ND 0.0250 1 ND 0.0250 1 99.1 % 70-130 98.7 % 70-130 97.2 % 70-130 mg/kg mg/kg A D 20.0 1 99.1 % 70-130 98.7 % 70-130 98.7 % 70-130 98.7 % 70-130 98.7 % 70-130 98.7 % 70-130 10 10 10 10 10 10 10 10 10 10 10 10 10 1	ND 0.0250 1 01/21/25 ND 0.0250 1 01/21/25 ND 0.0500 1 01/21/25 ND 0.0250 1 01/21/25 ND 0.0250 1 01/21/25 99.1 % 70-130 01/21/25 97.2 % 70-130 01/21/25 mg/kg mg/kg Analyst: BA ND 20.0 1 01/21/25 99.1 % 70-130 01/21/25 99.1 % 70-130 01/21/25 99.1 % 70-130 01/21/25 98.7 % 70-130 01/21/25 98.7 % 70-130 01/21/25 98.7 % 70-130 01/21/25 97.2 % 70-130 01/21/25 97.2 % 70-130 01/21/25 97.2 % 70-130 01/21/25 121 % 50-200 01/21/25 mg/kg mg/kg Analyst: NV	ND 0.0250 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 ND 0.0500 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 ND 0.0250 1 01/21/25 01/22/25 99.1 % 70-130 01/21/25 01/22/25 97.2 % 70-130 01/21/25 01/22/25 mg/kg mg/kg Analyst: BA ND 20.0 1 01/21/25 01/22/25 98.7 % 70-130 01/21/25 01/22/25 99.1 % 70-130 01/21/25 01/22/25 99.1 % 70-130 01/21/25 01/22/25 99.1 % 70-130 01/21/25 01/22/25 98.7 % 70-130 01/21/25 01/22/25 97.2 % 70-130 01/21/25 01/22/25 97.2 % 70-130 01/21/25 01/22/25 97.2 % 70-130 01/21/25 01/22/25 97.2 % 70-130 01/21/25 01/22/25 97.2 % 70-130 01/21/25 01/22/25 121 % 50-200 01/21/25 01/23/25 mg/kg mg/kg Analyst: AK



Matador Resources, LLC. Project Name: Janie Conner Well Pad 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Reported: 1/27/2025 1:23:52PM Dallas TX, 75240 Project Manager: Ashley Giovengo

FS108-0.5'

		E501138-17					
		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	mg/kg Analyst: BA			Batch: 2504051	
Benzene	ND	0.0250		1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250		1	01/21/25	01/22/25	
Toluene	ND	0.0250		1	01/21/25	01/22/25	
o-Xylene	ND	0.0250		1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500		1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250		1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		97.1 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analys	t: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0		1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130		01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130		01/21/25	01/22/25	
Surrogate: Toluene-d8		97.1 %	70-130		01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analys	t: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	ND	25.0	-	1	01/21/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0		1	01/21/25	01/23/25	
Surrogate: n-Nonane		129 %	50-200		01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analys	t: AK		Batch: 2504086
Chloride	1320	200	1	10	01/22/25	01/23/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS114-0' E501138-18

		2001100 10				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504051
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.6 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		97.1 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	nalyst: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.6 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		97.1 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	nalyst: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	2100	25.0	1	01/21/25	01/23/25	
Oil Range Organics (C28-C36)	4980	50.0	1	01/21/25	01/23/25	
Surrogate: n-Nonane		120 %	50-200	01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	analyst: AK		Batch: 2504086
Chloride	1830	200	10	01/22/25	01/23/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS115-0' E501138-19

		1201100 17				
Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: BA		Batch: 2504051
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.1 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		96.8 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		98.1 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		96.8 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: AF		Batch: 2504055
Diesel Range Organics (C10-C28)	5020	25.0	1	01/21/25	01/27/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/27/25	
Surrogate: n-Nonane		129 %	50-200	01/21/25	01/27/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: AK		Batch: 2504086
Chloride	1560	200	10	01/22/25	01/23/25	_
Cinoriac	2500	200				

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

FS116-0' E501138-20

		1201100 20				
Analyte	Result	Reporting Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: BA		Batch: 2504051
Benzene	ND	0.0250	1	01/21/25	01/22/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/22/25	
Toluene	ND	0.0250	1	01/21/25	01/22/25	
o-Xylene	ND	0.0250	1	01/21/25	01/22/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/22/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.1 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		98.1 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: BA		Batch: 2504051
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/22/25	
Surrogate: Bromofluorobenzene		97.1 %	70-130	01/21/25	01/22/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	01/21/25	01/22/25	
Surrogate: Toluene-d8		98.1 %	70-130	01/21/25	01/22/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2504055
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/23/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/23/25	
Surrogate: n-Nonane		118 %	50-200	01/21/25	01/23/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: AK		Batch: 2504086
Chloride	1000	40.0	2	01/22/25	01/23/25	

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 1:23:52PM

FS117-0' E501138-21

		2001100 21				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: SL		Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25	
oluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	ND	0.0250	1	01/21/25	01/23/25	
o,m-Xylene	ND	0.0500	1	01/21/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		89.8 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		97.4 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		120 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: JM		Batch: 2504063
Chloride	1940	40.0	2	01/21/25	01/23/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 1:23:52PM

FS118-0'

		E501138-22				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: SL		Batch: 2504044
Benzene	ND	0.250	10	01/21/25	01/23/25	
Ethylbenzene	ND	0.250	10	01/21/25	01/23/25	
Toluene	ND	0.250	10	01/21/25	01/23/25	
o-Xylene	ND	0.250	10	01/21/25	01/23/25	
p,m-Xylene	ND	0.500	10	01/21/25	01/23/25	
Total Xylenes	ND	0.250	10	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		90.9 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	200	10	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		104 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	3760	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		116 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: JM		Batch: 2504063
Chloride	2250	40.0	2	01/21/25	01/24/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 1:23:52PM

FS119-0'

		E501138-23				
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: SL			Batch: 2504044
Benzene	ND	0.0250	1	01/21/25	01/23/25	
Ethylbenzene	ND	0.0250	1	01/21/25	01/23/25	
Toluene	ND	0.0250	1	01/21/25	01/23/25	
o-Xylene	ND	0.0250	1	01/21/25	01/23/25	
p,m-Xylene	ND	0.0500	1	01/21/25	01/23/25	
Total Xylenes	ND	0.0250	1	01/21/25	01/23/25	
Surrogate: 4-Bromochlorobenzene-PID		89.0 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	st: SL		Batch: 2504044
Gasoline Range Organics (C6-C10)	ND	20.0	1	01/21/25	01/23/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		111 %	70-130	01/21/25	01/23/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	vst: NV		Batch: 2504053
Diesel Range Organics (C10-C28)	ND	25.0	1	01/21/25	01/24/25	
Oil Range Organics (C28-C36)	ND	50.0	1	01/21/25	01/24/25	
Surrogate: n-Nonane		115 %	50-200	01/21/25	01/24/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	vst: JM		Batch: 2504063
Chloride	2570	200	10	01/21/25	01/24/25	



QC Summary Data

Matador Resources, LLC.
Project Name: Janie Conner Well Pad

Reported:
5400 LBJ Freeway, Suite 1500
Project Number: 23003-0002

Dallas TX, 75240
Project Manager: Ashley Giovengo

Volatile Organic Compounds by EPA 8260B

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			1/2	//2025 1:23:52PN	
	V			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 (2504051-BLK1)							Prepared: 0	1/21/25 Analy	yzed: 01/23/25	
Benzene	ND	0.0250							<u> </u>	
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	0.496		0.500		99.1	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130				
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130				
LCS (2504051-BS1)							Prepared: 0	1/21/25 Analy	yzed: 01/23/25	
Benzene	2.50	0.0250	2.50		100	70-130				
Ethylbenzene	2.40	0.0250	2.50		96.0	70-130				
Toluene	2.37	0.0250	2.50		94.7	70-130				
o-Xylene	2.36	0.0250	2.50		94.6	70-130				
o,m-Xylene	4.70	0.0500	5.00		94.0	70-130				
Total Xylenes	7.07	0.0250	7.50		94.2	70-130				
Surrogate: Bromofluorobenzene	0.489		0.500		97.8	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130				
Surrogate: Toluene-d8	0.474		0.500		94.8	70-130				
Matrix Spike (2504051-MS1)				Source:	E501138-	08	Prepared: 01/21/25 Analyzed: 01/23/25			
Benzene	2.49	0.0250	2.50	ND	99.4	48-131				
Ethylbenzene	2.47	0.0250	2.50	ND	98.8	45-135				
Toluene	2.44	0.0250	2.50	ND	97.7	48-130				
o-Xylene	2.46	0.0250	2.50	ND	98.2	43-135				
p,m-Xylene	4.95	0.0500	5.00	ND	98.9	43-135				
Total Xylenes	7.40	0.0250	7.50	ND	98.7	43-135				
Surrogate: Bromofluorobenzene	0.495		0.500		99.0	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.513		0.500		103	70-130				
Surrogate: Toluene-d8	0.491		0.500		98.2	70-130				
Matrix Spike Dup (2504051-MSD1)				Source:	E501138-	08	Prepared: 0	1/21/25 Analy	yzed: 01/23/25	
Benzene	2.52	0.0250	2.50	ND	101	48-131	1.38	23		
Ethylbenzene	2.51	0.0250	2.50	ND	100	45-135	1.67	27		
Toluene	2.48	0.0250	2.50	ND	99.3	48-130	1.60	24		
o-Xylene	2.49	0.0250	2.50	ND	99.5	43-135	1.29	27		
p,m-Xylene	4.98	0.0500	5.00	ND	99.5	43-135	0.625	27		
Total Xylenes	7.47	0.0250	7.50	ND	99.5	43-135	0.847	27		
Surrogate: Bromofluorobenzene	0.489		0.500		97.7	70-130				
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130				

0.500

98.0

70-130

0.490

Surrogate: Toluene-d8

QC Summary Data

Matador Resources, LLC.
Project Name: Janie Conner Well Pad
S400 LBJ Freeway, Suite 1500
Project Number: 23003-0002
Dallas TX, 75240
Project Manager: Ashley Giovengo

Volatile Organics by EPA 8021B

Analyst: SL

Dallas TX, 75240		Project Manager	:: As	shley Gioveng	go				1/27/2025 1:23:52PM
		Volatile C	Organics 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 (2504044-BLK1)							Prepared: 0	1/21/25 A	nalyzed: 01/23/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	6.79		8.00		84.9	70-130			
LCS (2504044-BS1)							Prepared: 0	1/21/25 A	nalyzed: 01/23/25
Benzene	4.97	0.0250	5.00		99.5	70-130			
Ethylbenzene	4.77	0.0250	5.00		95.4	70-130			
Toluene	4.88	0.0250	5.00		97.7	70-130			
o-Xylene	4.74	0.0250	5.00		94.7	70-130			
p,m-Xylene	9.68	0.0500	10.0		96.8	70-130			
Total Xylenes	14.4	0.0250	15.0		96.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	6.85		8.00		85.6	70-130			
Matrix Spike (2504044-MS1)				Source:	E501137-0	05	Prepared: 0	1/21/25 A	nalyzed: 01/23/25
Benzene	5.12	0.0250	5.00	ND	102	54-133			
Ethylbenzene	4.87	0.0250	5.00	ND	97.4	61-133			
Toluene	5.03	0.0250	5.00	ND	101	61-130			
o-Xylene	4.86	0.0250	5.00	ND	97.1	63-131			
p,m-Xylene	9.88	0.0500	10.0	ND	98.8	63-131			
Total Xylenes	14.7	0.0250	15.0	ND	98.2	63-131			
Surrogate: 4-Bromochlorobenzene-PID	6.77		8.00		84.6	70-130			
Matrix Spike Dup (2504044-MSD1)				Source:	E501137-0	05	Prepared: 0	1/21/25 A	nalyzed: 01/23/25
Benzene	4.80	0.0250	5.00	ND	96.0	54-133	6.41	20	
Ethylbenzene	4.57	0.0250	5.00	ND	91.5	61-133	6.28	20	
Toluene	4.72	0.0250	5.00	ND	94.4	61-130	6.22	20	
o-Xylene	4.57	0.0250	5.00	ND	91.4	63-131	6.04	20	
p,m-Xylene	9.29	0.0500	10.0	ND	92.9	63-131	6.19	20	
Total Xylenes	13.9	0.0250	15.0	ND	92.4	63-131	6.14	20	
Surrogate: 4-Bromochlorobenzene-PID	6.78		8.00		84.8	70-130			



Gasoline Range Organics (C6-C10)

Surrogate: 1-Chloro-4-fluorobenzene-FID

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go				1/27/2025 1:23:52PM			
	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 (2504044-BLK1)							Prepared: 0	1/21/25 A	Analyzed: 01/23/25			
Gasoline Range Organics (C6-C10)	ND	20.0										
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.77		8.00		97.1	70-130						
LCS (2504044-BS2)							Prepared: 0	1/21/25 A	Analyzed: 01/23/25			
Gasoline Range Organics (C6-C10)	41.3	20.0	50.0		82.5	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.95		8.00		99.4	70-130						
Matrix Spike (2504044-MS2)				Source:	E501137-0	05	Prepared: 0	1/21/25 A	Analyzed: 01/23/25			
Gasoline Range Organics (C6-C10)	42.6	20.0	50.0	ND	85.2	70-130						
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.93		8.00		99.2	70-130						
Matrix Spike Dup (2504044-MSD2)				Source:	E501137-0	05	Prepared: 0	1/21/25 A	Analyzed: 01/23/25			

50.0

8.00

ND

83.8

99.3

1.68

20

70-130

70-130

41.9

7.95

20.0

Analyst: BA

QC Summary Data

Janie Conner Well Pad Matador Resources, LLC. Project Name: Reported: 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Dallas TX, 75240 Project Manager: Ashley Giovengo 1/27/2025 1:23:52PM

Nonhalogenated	Organics 1	by EPA 8015	SD - GRO
Tionnaiogenateu	O Zames	U y ELLIA UUL.	D - GIGO

	Rec		RPD
Daa	Limite	DDD	Limit

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504051-BLK1)							Prepared: 0	1/21/25 Analy	yzed: 01/23/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.496		0.500		99.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.5	70-130			
LCS (2504051-BS2)							Prepared: 0	1/21/25 Analy	yzed: 01/23/25
Gasoline Range Organics (C6-C10)	47.2	20.0	50.0		94.5	70-130			
Surrogate: Bromofluorobenzene	0.503		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.486		0.500		97.2	70-130			
Matrix Spike (2504051-MS2)				Source:	E501138-0	08	Prepared: 0	1/21/25 Analy	yzed: 01/23/25
Gasoline Range Organics (C6-C10)	51.9	20.0	50.0	ND	104	70-130			
Surrogate: Bromofluorobenzene	0.501		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		98.9	70-130			
Surrogate: Toluene-d8	0.488		0.500		97.6	70-130			
Matrix Spike Dup (2504051-MSD2)				Source:	E501138-0	08	Prepared: 0	1/21/25 Analy	yzed: 01/23/25
Gasoline Range Organics (C6-C10)	51.6	20.0	50.0	ND	103	70-130	0.548	20	
Surrogate: Bromofluorobenzene	0.505		0.500		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.515		0.500		103	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

	Nonhal	logenated Or			Analyst: NV				
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2504053-BLK1)							Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.5		50.0		113	50-200			
LCS (2504053-BS1)							Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Diesel Range Organics (C10-C28)	254	25.0	250		101	38-132			
Surrogate: n-Nonane	60.5		50.0		121	50-200			
Matrix Spike (2504053-MS1)				Source:	E501137-1	12	Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Diesel Range Organics (C10-C28)	264	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	57.5		50.0		115	50-200			
Matrix Spike Dup (2504053-MSD1)				Source:	E501137-1	12	Prepared: 0	1/21/25 Ana	lyzed: 01/23/25
Diesel Range Organics (C10-C28)	263	25.0	250	ND	105	38-132	0.371	20	
Surrogate: n-Nonane	59.5		50.0		119	50-200			

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo1/27/20251:23:52PM

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	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 (2504055-BLK1)							Prepared: 0	1/21/25 An	alyzed: 01/23/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	63.1		50.0		126	50-200			
LCS (2504055-BS1)							Prepared: 0	1/21/25 An	alyzed: 01/23/25
Diesel Range Organics (C10-C28)	293	25.0	250		117	38-132			
Surrogate: n-Nonane	61.5		50.0		123	50-200			
Matrix Spike (2504055-MS1)				Source:	E501138-1	12	Prepared: 01/21/25 Analyzed: 01/2		
Diesel Range Organics (C10-C28)	301	25.0	250	ND	120	38-132			
Surrogate: n-Nonane	61.2		50.0		122	50-200			
Matrix Spike Dup (2504055-MSD1)				Source:	E501138-1	12	Prepared: 0	1/21/25 An	alyzed: 01/23/25
Diesel Range Organics (C10-C28)	298	25.0	250	ND	119	38-132	1.01	20	
Surrogate: n-Nonane	61.1		50.0		122	50-200			

Chloride

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500	Project Name: Project Number:	Janie Conner Well Pad 23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	1/27/2025 1:23:52PM

Dallas TX, 75240		Project Manager	r: As	shley Gioveng	go				1/27/2025 1:23:52PM	i
		Anions	by EPA 3	00.0/9056	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 (2504063-BLK1)							Prepared: 0	1/21/25 Aı	nalyzed: 01/23/25	
Chloride	ND	20.0								
LCS (2504063-BS1)							Prepared: 0	1/21/25 Aı	nalyzed: 01/23/25	
Chloride	264	20.0	250		106	90-110				
Matrix Spike (2504063-MS1)				Source:	E501136-	03	Prepared: 0	1/21/25 Aı	nalyzed: 01/23/25	
Chloride	3910	40.0	250	3670	95.3	80-120				
Matrix Spike Dup (2504063-MSD1)				Source:	E501136-	03	Prepared: 0	1/21/25 Aı	nalyzed: 01/23/25	

250

40.0

147

80-120

3.24

20

4040



Chloride

Chloride

Matrix Spike Dup (2504086-MSD1)

M4

Prepared: 01/22/25 Analyzed: 01/23/25

20

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500		Project Name: Project Number:	: 23	nie Conner W 3003-0002			Reported:				
Dallas TX, 75240		Project Manager Anions		shley Gioveng 300.0/9056					1/27/2025 1:23:52PM Analyst: AK		
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits	RPD %	RPD Limit %	Notes		
Blank (2504086-BLK1)							Prepared: 0	01/22/25 Aı	nalyzed: 01/23/25		
Chloride	ND	20.0									
LCS (2504086-BS1)							Prepared: 0	1/22/25 Aı	nalyzed: 01/23/25		
Chloride	254	20.0	250		102	90-110					
Matrix Spike (2504086-MS1)				Source:	E501138-	03	Prepared: 0	1/22/25 Aı	nalyzed: 01/23/25		

250

250

200

200

2420

2420

123

100

Source: E501138-03

80-120

80-120

2.10

2720

2670

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

N	Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5	400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
	Dallas TX, 75240	Project Manager:	Ashley Giovengo	01/27/25 13:23

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

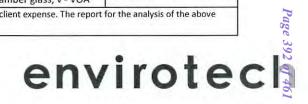
Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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Client: N	Natador Proc	luction C	ompany		Co	ompany: Ensolum LLC		L	ab W	0#				lum			1D	2D	3D S	td	NM	CO UT	TX
Project:	Janie Conn	er Well P	ad		Ad	ddress: 3122 National Parks	Hwy	E	50	IIC	31	5 2	200	3.0	200	2			X		X	- 1	
Project N	Manager: As	hley Giov	engo		Cit	ty, State, Zip: Carlsbad NM,	88220																
Address:	3122 Natio	nal Parks	Hwy		Ph	ione: 575-988-0055							Anal	ysis	s and Method EPA Program								
	e, Zip: Carls		88220		E	mail: agiovengo@ensolum	.com								SDWA CWA RO							RCRA	
	575-988-005	T N 1			Mi	scellaneous:					-												1.0
Email: a	giovengo@e	nsolum.c	om						i i	STO	015							- 1		_	mpliand	e Y	or N
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0958	1/17/25	5	l		FS22	-11	40	1							X								
1008	1		ì			2-0.51	1	2							1								
1007						1-0.5		3															
0936					F530			4															
0950					F531			5															
0942					F536			6															
0946						1-0,5		7															
0948						8-0.51		8															
1009						-0.51		9								19							
1004		1				4-11		10							1								
	al Instructio	ns: Ple	ase CC: cb	urton@e	ensolum.com	, agiovengo@ensolum.com	, chamilto	on@en	solum	n.co	m, ie	stre	lla@	ens	olun	ı.con	n, bd	eal@	ensol	um.c	om,		
	ns@ensolum														-								
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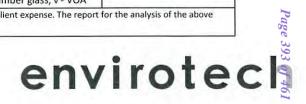




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Client: N	Natador Proc	luction C	ompany		Company: Ensolum LLC La			ab WO	#		Job I	Number 1D 2D 3					3D S	Std	NM	CO UT	TX	
Project:	Janie Conn	er Well P	ad		Add	dress: 3122 National Park	s Hwy		E50	113	8	230	23	α	Z			>	X	X		
Project N	Aanager: As	hley Giov	engo		City	, State, Zip: Carlsbad NM	, 88220															
Address:	3122 Natio	nal Parks	Hwy		Pho	ne: 575-988-0055						Ana	lysis	and	Met	hod				EP.	A Progra	am
City, Stat	e, Zip: Carls	bad NM,	88220		Em	ail: agiovengo@ensolur	n.com					-								SDWA	CWA	RCRA
Phone:	575-988-005	5			Misc	cellaneous:												W				
Email: a	giovengo@e	nsolum.c	om							123								1		Complianc	e Y	or N
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1004	1/17/75	5	1		FSG	7-64 1,5		11						X								
1010					F58	6-0,51		12						1								
1006					F56	9-0,51		13											4			
0924					FSG	18-0,5		14														
0930					F51	01-0.5		15						1								
3928					FS	106-0,5		16											.41			
0926					F-51	08-0.51		17	_													
0951					F5	114-0"		18														
1242					F3	115-0		19														
1247		1				116-01		21						1								
Addition	al Instructio	ns: Ple	ase CC: c	ourton@e	nsolum.com,	agiovengo@ensolum.cor	n, chamilte	on@en	solum.	com,	iesti	ella@	ens	olun	n.cor	n, bd	leal@	enso	olum	.com,		
bsimmo	ns@ensolum	i.com						10 10 10				2				2 17%			4 .			
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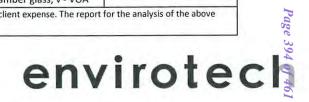




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Project:	Janie Conn	er Well P	Pad		Add	dress: 3122 National Parks	Hwy	E	b WC	MI	8	23	003	·a	OZ			Х	X		
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1254	1/17/25	S	1		FS1	17-01		21						X							
1256	0.5	5	1			18-0'		22						X							
1300	1/17/25	5				9-01		23	,					X							
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Sample Mat	trix: S - Soil, Sd - S	olid, Sg - Slu	idge, A - Aqueous,	O - Other _				ntainer T						c, ag	- amb	er gla	ass, v				
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envirotech Inc.

Printed: 1/21/2025 7:46:52AM

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:	Matador Resources, LLC.	Date Received:	01/21/25 (07:00	Work Order ID:	E501138
Phone:	(972) 371-5200	Date Logged In:	01/20/25 1	13:46	Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	01/27/25	17:00 (4 day TAT)		
Chain of	Custody (COC)					
	e sample ID match the COC?		Yes			
	e number of samples per sampling site location ma	tch the COC	Yes			
	imples dropped off by client or carrier?		Yes	Carrier: Couri	<u>ier</u>	
	e COC complete, i.e., signatures, dates/times, reques	sted analyses?	Yes			
5. Were 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 disucssi		Yes		<u>Comment</u>	ts/Resolution
Sample T	urn Around Time (TAT)					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	<u>ooler</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 C			
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 1	— field sample labels filled out with the minimum info	ormation:				
Sa	imple ID?		Yes			
	ate/Time Collected?		Yes	<u> </u>		
	ollectors name?		Yes			
	reservation		NT.			
	the COC or field labels indicate the samples were pro-	reserveu?	No			
	mple(s) correctly preserved? filteration required and/or requested for dissolved n	actale?	NA Na			
	•	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					
	mples required to get sent to a subcontract laborato	-	No			
29. Was a	subcontract laboratory specified by the client and it	f so who?	NA	Subcontract Lab: NA	A	
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

Matador Resources, LLC.

Project Name: Janie Conner Well Pad

Work Order: E502056

Job Number: 23003-0002

Received: 2/7/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 2/13/25

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

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

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

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

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

Date Reported: 2/13/25

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

Project Name: Janie Conner Well Pad

Workorder: E502056

Date Received: 2/7/2025 7:30:00AM

Ashley Giovengo,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/7/2025 7:30:00AM, under the Project Name: Janie Conner Well Pad.

The analytical test results summarized in this report with the Project Name: Janie Conner Well Pad 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

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Sample Summary

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	Donoutoda
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/13/25 10:48

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SS01A-0'	E502056-01A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
SS12A-0'	E502056-02A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS20-1'	E502056-03A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS53-0.5'	E502056-04A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS56-0.5'	E502056-05A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS68-0.5'	E502056-06A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS72-0.5'	E502056-07A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS93-1'	E502056-08A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS95-0.5'	E502056-09A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS96-1'	E502056-10A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS97-1'	E502056-11A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS114-0.5'	E502056-12A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS115-0.5'	E502056-13A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.
FS118-0.5'	E502056-14A	Soil	02/05/25	02/07/25	Glass Jar, 2 oz.

Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/13/2025 10:48:49AM

SS01A-0' E502056-01

		E302030-01					
Analyte	Result	Reporting Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst: R	KS		Batch: 2506113
Benzene	ND	0.0250	1		02/07/25	02/10/25	
Ethylbenzene	ND	0.0250	1		02/07/25	02/10/25	
Toluene	ND	0.0250	1		02/07/25	02/10/25	
o-Xylene	ND	0.0250	1		02/07/25	02/10/25	
p,m-Xylene	ND	0.0500	1		02/07/25	02/10/25	
Total Xylenes	ND	0.0250	1		02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		95.5 %	70-130		02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		02/07/25	02/10/25	
Surrogate: Toluene-d8		97.8 %	70-130		02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: R	KS		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		95.5 %	70-130		02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		02/07/25	02/10/25	
Surrogate: Toluene-d8		97.8 %	70-130		02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: N	IV		Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0	1		02/07/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1		02/07/25	02/07/25	
Surrogate: n-Nonane		113 %	61-141		02/07/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: D	T		Batch: 2506116
·	1090	200	10		02/07/25	02/07/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

SS12A-0' E502056-02

		/				
		Reporting				
Analyte	Result	Limit	Diluti	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2506113
Benzene	ND	0.0250	1	02/07/25	02/10/25	
Ethylbenzene	ND	0.0250	1	02/07/25	02/10/25	
Toluene	ND	0.0250	1	02/07/25	02/10/25	
o-Xylene	ND	0.0250	1	02/07/25	02/10/25	
p,m-Xylene	ND	0.0500	1	02/07/25	02/10/25	
Total Xylenes	ND	0.0250	1	02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		97.8 %	70-130	02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	02/07/25	02/10/25	
Surrogate: Toluene-d8		98.0 %	70-130	02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		97.8 %	70-130	02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		97.9 %	70-130	02/07/25	02/10/25	
Surrogate: Toluene-d8		98.0 %	70-130	02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/25	02/07/25	
Surrogate: n-Nonane		117 %	61-141	02/07/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2506116
Chloride	2550	200	10	02/07/25	02/07/25	

Matador Resources, LLC. Project Name: Janie Conner Well Pad 5400 LBJ Freeway, Suite 1500 Project Number: 23003-0002 Reported: 2/13/2025 10:48:49AM Dallas TX, 75240 Project Manager: Ashley Giovengo

FS20-1' E502056-03

		Reporting					
Analyte	Result	Limit	Dilut	tion Prep	pared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2506113
Benzene	ND	0.0250	1	02/0	7/25	02/10/25	
Ethylbenzene	ND	0.0250	1	02/0	7/25	02/10/25	
Toluene	ND	0.0250	1	02/0	7/25	02/10/25	
o-Xylene	ND	0.0250	1	02/0	7/25	02/10/25	
p,m-Xylene	ND	0.0500	1	02/0	7/25	02/10/25	
Total Xylenes	ND	0.0250	1	02/0	7/25	02/10/25	
Surrogate: Bromofluorobenzene		96.4 %	70-130	02/0	07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/0	07/25	02/10/25	
Surrogate: Toluene-d8		97.0 %	70-130	02/0	07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RKS			Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/0	7/25	02/10/25	
Surrogate: Bromofluorobenzene		96.4 %	70-130	02/0	07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	02/0	07/25	02/10/25	
Surrogate: Toluene-d8		97.0 %	70-130	02/0	07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0	1	02/0	7/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/0	7/25	02/07/25	
Surrogate: n-Nonane		115 %	61-141	02/0	07/25	02/07/25	
1	mg/kg	mg/kg	A	Analyst: DT			Batch: 2506116
Anions by EPA 300.0/9056A	88	<u> </u>					



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

FS53-0.5' E502056-04

		1202020 01					
Analyte	Result	Reporting Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: l	RKS		Batch: 2506113
Benzene	ND	0.0250	1		02/07/25	02/10/25	
Ethylbenzene	ND	0.0250	1		02/07/25	02/10/25	
Toluene	ND	0.0250	1		02/07/25	02/10/25	
o-Xylene	ND	0.0250	1		02/07/25	02/10/25	
p,m-Xylene	ND	0.0500	1		02/07/25	02/10/25	
Total Xylenes	ND	0.0250	1		02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		97.3 %	70-130		02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		02/07/25	02/10/25	
Surrogate: Toluene-d8		99.2 %	70-130		02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	1	Analyst: l	RKS		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		97.3 %	70-130		02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		02/07/25	02/10/25	
Surrogate: Toluene-d8		99.2 %	70-130		02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	1	Analyst: 1	NV		Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0	1		02/07/25	02/07/25	_
Oil Range Organics (C28-C36)	ND	50.0	1	<u> </u>	02/07/25	02/07/25	
Surrogate: n-Nonane		115 %	61-141		02/07/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst: l	DT		Batch: 2506116
Chloride	2440	200	10	0	02/07/25	02/07/25	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

FS56-0.5' E502056-05

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst:	RKS		Batch: 2506113
Benzene	ND	0.0250	1		02/07/25	02/10/25	
Ethylbenzene	ND	0.0250	1		02/07/25	02/10/25	
Toluene	ND	0.0250	1		02/07/25	02/10/25	
o-Xylene	ND	0.0250	1		02/07/25	02/10/25	
p,m-Xylene	ND	0.0500	1		02/07/25	02/10/25	
Total Xylenes	ND	0.0250	1		02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		94.7 %	70-130		02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		02/07/25	02/10/25	
Surrogate: Toluene-d8		97.3 %	70-130		02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst:	RKS		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		94.7 %	70-130		02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130		02/07/25	02/10/25	
Surrogate: Toluene-d8		97.3 %	70-130		02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst:	NV		Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0	1		02/07/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1		02/07/25	02/07/25	
Surrogate: n-Nonane		119 %	61-141		02/07/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	DT		Batch: 2506116
Chloride	1410	200	10	n	02/07/25	02/07/25	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

FS68-0.5' E502056-06

		20020000					
Analyte	Result	Reporting Limit	Dilut	tion I	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2506113
Benzene	ND	0.0250	1	(02/07/25	02/10/25	
Ethylbenzene	ND	0.0250	1	(02/07/25	02/10/25	
Toluene	ND	0.0250	1	(02/07/25	02/10/25	
o-Xylene	ND	0.0250	1	(02/07/25	02/10/25	
p,m-Xylene	ND	0.0500	1	(02/07/25	02/10/25	
Total Xylenes	ND	0.0250	1	(02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130	(02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	(02/07/25	02/10/25	
Surrogate: Toluene-d8		97.7 %	70-130	(02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1	(02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		96.0 %	70-130	(02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	(02/07/25	02/10/25	
Surrogate: Toluene-d8		97.7 %	70-130	(02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0	1	(02/07/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	(02/07/25	02/07/25	
Surrogate: n-Nonane		115 %	61-141	(02/07/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2506116
Chloride	4490	200	10) (02/07/25	02/07/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

FS72-0.5' E502056-07

		Reporting					
Analyte	Result	Limit	Dilu	ition	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg		Analyst:	: RKS		Batch: 2506113
Benzene	ND	0.0250	1	l	02/07/25	02/10/25	
Ethylbenzene	ND	0.0250	1	l	02/07/25	02/10/25	
Toluene	ND	0.0250	1	l	02/07/25	02/10/25	
o-Xylene	ND	0.0250	1	1	02/07/25	02/10/25	
p,m-Xylene	ND	0.0500	1	l	02/07/25	02/10/25	
Total Xylenes	ND	0.0250	1	[02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		98.0 %	70-130		02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		02/07/25	02/10/25	
Surrogate: Toluene-d8		98.1 %	70-130		02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	-	Analyst:	: RKS		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1	l	02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		98.0 %	70-130		02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130		02/07/25	02/10/25	
Surrogate: Toluene-d8		98.1 %	70-130		02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	: NV		Batch: 2506110
Diesel Range Organics (C10-C28)	552	25.0	1	1	02/07/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	[02/07/25	02/07/25	
Surrogate: n-Nonane		117 %	61-141		02/07/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	: DT		Batch: 2506116
Chloride	4310	200	10	n	02/07/25	02/07/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

FS93-1'

E502056-08

		Reporting					
Analyte	Result	Limit	Diluti	ion l	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2506113
Benzene	ND	0.0250	1	(02/07/25	02/10/25	
Ethylbenzene	ND	0.0250	1	(02/07/25	02/10/25	
Toluene	ND	0.0250	1	(02/07/25	02/10/25	
o-Xylene	ND	0.0250	1	(02/07/25	02/10/25	
p,m-Xylene	ND	0.0500	1	(02/07/25	02/10/25	
Total Xylenes	ND	0.0250	1	(02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130	-	02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	(02/07/25	02/10/25	
Surrogate: Toluene-d8		96.8 %	70-130	(02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS	S		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1	(02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		96.6 %	70-130	(02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		96.7 %	70-130	(02/07/25	02/10/25	
Surrogate: Toluene-d8		96.8 %	70-130	(02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV			Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0	1	(02/07/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	(02/07/25	02/07/25	
Surrogate: n-Nonane		117 %	61-141	(02/07/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT			Batch: 2506116



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

FS95-0.5' E502056-09

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2506113
Benzene	ND	0.0250	1	02/07/25	02/10/25	
Ethylbenzene	ND	0.0250	1	02/07/25	02/10/25	
Toluene	ND	0.0250	1	02/07/25	02/10/25	
o-Xylene	ND	0.0250	1	02/07/25	02/10/25	
p,m-Xylene	ND	0.0500	1	02/07/25	02/10/25	
Total Xylenes	ND	0.0250	1	02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130	02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/07/25	02/10/25	
Surrogate: Toluene-d8		97.2 %	70-130	02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Α	Analyst: RKS		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/25	02/10/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130	02/07/25	02/10/25	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	02/07/25	02/10/25	
Surrogate: Toluene-d8		97.2 %	70-130	02/07/25	02/10/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Α	Analyst: NV		Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/25	02/07/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/25	02/07/25	
Surrogate: n-Nonane		120 %	61-141	02/07/25	02/07/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Α	Analyst: DT		Batch: 2506116
Chloride	958	200	10	02/07/25	02/07/25	

Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

FS96-1' E502056-10

		Reporting					
Analyte	Result	Limit	Dilut	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	I	Analyst: RI			Batch: 2506113
Benzene	ND	0.0250	1		02/07/25	02/11/25	
Ethylbenzene	ND	0.0250	1		02/07/25	02/11/25	
Toluene	ND	0.0250	1		02/07/25	02/11/25	
o-Xylene	ND	0.0250	1		02/07/25	02/11/25	
p,m-Xylene	ND	0.0500	1		02/07/25	02/11/25	
Total Xylenes	ND	0.0250	1		02/07/25	02/11/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130		02/07/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		02/07/25	02/11/25	
Surrogate: Toluene-d8		97.3 %	70-130		02/07/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst:	RKS		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/07/25	02/11/25	
Surrogate: Bromofluorobenzene		95.3 %	70-130		02/07/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130		02/07/25	02/11/25	
Surrogate: Toluene-d8		97.3 %	70-130		02/07/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst:	NV		Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0	1		02/07/25	02/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1		02/07/25	02/08/25	
Surrogate: n-Nonane		112 %	61-141		02/07/25	02/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst:	DT		Batch: 2506116
Chloride	1860	200	10)	02/07/25	02/07/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

FS97-1'

E502056-11

		Reporting					
Analyte	Result	Limit	Dilı	ution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg mg/k			Analyst: RKS			Batch: 2506113
Benzene	ND	0.0250		1	02/07/25	02/11/25	
Ethylbenzene	ND	0.0250		1	02/07/25	02/11/25	
Toluene	ND	0.0250		1	02/07/25	02/11/25	
o-Xylene	ND	0.0250		1	02/07/25	02/11/25	
p,m-Xylene	ND	0.0500		1	02/07/25	02/11/25	
Total Xylenes	ND	0.0250		1	02/07/25	02/11/25	
Surrogate: Bromofluorobenzene		96.4 %	70-130		02/07/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		02/07/25	02/11/25	
Surrogate: Toluene-d8		98.0 %	70-130		02/07/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg		Analyst:	RKS		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0		1	02/07/25	02/11/25	
Surrogate: Bromofluorobenzene		96.4 %	70-130		02/07/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4		98.4 %	70-130		02/07/25	02/11/25	
Surrogate: Toluene-d8		98.0 %	70-130		02/07/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg		Analyst:	NV		Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0		1	02/07/25	02/08/25	
Oil Range Organics (C28-C36)	ND	50.0		1	02/07/25	02/08/25	
Surrogate: n-Nonane		118 %	61-141	·	02/07/25	02/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg		Analyst:	DT		Batch: 2506116
Chloride	1700	200	1	10	02/07/25	02/07/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

FS114-0.5' E502056-12

Analyte	Result	Reporting Limit	Diluti	ion Prepared	Analyzed	Notes
Analyte	Resuit	Limit	Diluti	ion Frepared	Anaryzeu	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2506113
Benzene	ND	0.0250	1	02/07/25	02/11/25	
Ethylbenzene	ND	0.0250	1	02/07/25	02/11/25	
Toluene	ND	0.0250	1	02/07/25	02/11/25	
o-Xylene	ND	0.0250	1	02/07/25	02/11/25	
p,m-Xylene	ND	0.0500	1	02/07/25	02/11/25	
Total Xylenes	ND	0.0250	1	02/07/25	02/11/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130	02/07/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/07/25	02/11/25	
Surrogate: Toluene-d8		98.8 %	70-130	02/07/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/25	02/11/25	
Surrogate: Bromofluorobenzene		97.2 %	70-130	02/07/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	02/07/25	02/11/25	
Surrogate: Toluene-d8		98.8 %	70-130	02/07/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0	1	02/07/25	02/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/25	02/08/25	
Surrogate: n-Nonane		123 %	61-141	02/07/25	02/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2506116
Chloride	1300	200	10	02/07/25	02/07/25	



Matador Resources, LLC.Project Name:Janie Conner Well Pad5400 LBJ Freeway, Suite 1500Project Number:23003-0002Reported:Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

FS115-0.5' E502056-13

		1202020-13					
Anglista	Dogult	Reporting Limit	Dilu	tion	Duamanad	Amaluma	Notes
Analyte	Result	Limit	Dilu	tion	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS			Batch: 2506113
Benzene	ND	0.0250	1		02/07/25	02/11/25	
Ethylbenzene	ND	0.0250	1		02/07/25	02/11/25	
Toluene	ND	0.0250	1		02/07/25	02/11/25	
o-Xylene	ND	0.0250	1		02/07/25	02/11/25	
p,m-Xylene	ND	0.0500	1		02/07/25	02/11/25	
Total Xylenes	ND	0.0250	1		02/07/25	02/11/25	
Surrogate: Bromofluorobenzene		95.7 %	70-130		02/07/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		02/07/25	02/11/25	
Surrogate: Toluene-d8		98.6 %	70-130		02/07/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	I	Analyst: RI	KS		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1		02/07/25	02/11/25	
Surrogate: Bromofluorobenzene		95.7 %	70-130		02/07/25	02/11/25	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-130		02/07/25	02/11/25	
Surrogate: Toluene-d8		98.6 %	70-130		02/07/25	02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	I	Analyst: N	V		Batch: 2506110
Diesel Range Organics (C10-C28)	ND	25.0	1		02/07/25	02/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1		02/07/25	02/08/25	
Surrogate: n-Nonane		105 %	61-141		02/07/25	02/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	1	Analyst: D	Γ		Batch: 2506116
Chloride	1040	200	10	0	02/07/25	02/07/25	



Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
Dallas TX, 75240	Project Manager:	Ashley Giovengo	2/13/2025 10:48:49AM

FS118-0.5' E502056-14

		Reporting				
Analyte	Result	Limit	Dilut	ion Prepare	ed Analyzed	Notes
Volatile Organic Compounds by EPA 8260B	mg/kg	mg/kg	A	Analyst: RKS		Batch: 2506113
Benzene	ND	0.0250	1	02/07/2	25 02/11/25	
Ethylbenzene	ND	0.0250	1	02/07/2	25 02/11/25	
Toluene	ND	0.0250	1	02/07/2	25 02/11/25	
o-Xylene	ND	0.0250	1	02/07/2	25 02/11/25	
p,m-Xylene	ND	0.0500	1	02/07/2	25 02/11/25	
Total Xylenes	ND	0.0250	1	02/07/2	25 02/11/25	
Surrogate: Bromofluorobenzene		95.4 %	70-130	02/07/2	25 02/11/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	02/07/2	25 02/11/25	
Surrogate: Toluene-d8		97.1 %	70-130	02/07/2	25 02/11/25	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	P	Analyst: RKS		Batch: 2506113
Gasoline Range Organics (C6-C10)	ND	20.0	1	02/07/2	25 02/11/25	
Surrogate: Bromofluorobenzene		95.4 %	70-130	02/07/2	25 02/11/25	
Surrogate: 1,2-Dichloroethane-d4		98.3 %	70-130	02/07/2	25 02/11/25	
Surrogate: Toluene-d8		97.1 %	70-130	02/07/2	25 02/11/25	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	A	Analyst: NV		Batch: 2506110
Diesel Range Organics (C10-C28)	88.4	25.0	1	02/07/2	25 02/08/25	
Oil Range Organics (C28-C36)	ND	50.0	1	02/07/2	25 02/08/25	
Surrogate: n-Nonane		116 %	61-141	02/07/2	25 02/08/25	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	A	Analyst: DT		Batch: 2506116
Chloride	2160	200	10	02/07/2	25 02/07/25	



QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

Dallas TX, 75240		Project Manage	r: As	shley Gioveng	go			2/13	3/2025 10:48:49A1
	V	olatile Organ	ic Compo	unds by El	PA 82601	В		A	Analyst: RKS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2506113-BLK1)							Prepared: 02	2/07/25 Analy	yzed: 02/10/25
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Foluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			
LCS (2506113-BS1)							Prepared: 02	2/07/25 Analy	yzed: 02/10/25
Benzene	2.43	0.0250	2.50		97.0	70-130			
Ethylbenzene	2.52	0.0250	2.50		101	70-130			
Foluene	2.43	0.0250	2.50		97.0	70-130			
o-Xylene	2.43	0.0250	2.50		97.2	70-130			
p,m-Xylene	4.87	0.0500	5.00		97.5	70-130			
Total Xylenes	7.30	0.0250	7.50		97.4	70-130			
Surrogate: Bromofluorobenzene	0.482		0.500		96.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.506		0.500		101	70-130			
Surrogate: Toluene-d8	0.490		0.500		98.0	70-130			
Matrix Spike (2506113-MS1)				Source:	E502056-	08	Prepared: 02	2/07/25 Analy	yzed: 02/10/25
Benzene	2.38	0.0250	2.50	ND	95.2	48-131			
Ethylbenzene	2.45	0.0250	2.50	ND	98.1	45-135			
Toluene	2.39	0.0250	2.50	ND	95.5	48-130			
o-Xylene	2.42	0.0250	2.50	ND	96.9	43-135			
p,m-Xylene	4.87	0.0500	5.00	ND	97.5	43-135			
Total Xylenes	7.30	0.0250	7.50	ND	97.3	43-135			
Surrogate: Bromofluorobenzene	0.490		0.500		97.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.4	70-130			
Matrix Spike Dup (2506113-MSD1)				Source:	E502056-	08	Prepared: 02	2/07/25 Analy	yzed: 02/10/25
Benzene	2.45	0.0250	2.50	ND	97.9	48-131	2.78	23	
Ethylbenzene	2.48	0.0250	2.50	ND	99.3	45-135	1.15	27	
Toluene	2.41	0.0250	2.50	ND	96.6	48-130	1.12	24	
o-Xylene	2.43	0.0250	2.50	ND	97.4	43-135	0.494	27	
p,m-Xylene	4.86	0.0500	5.00	ND	97.1	43-135	0.391	27	
Total Xylenes	7.29	0.0250	7.50	ND	97.2	43-135	0.0960	27	
Surrogate: Bromofluorobenzene	0.484		0.500		96.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
			0.500		07.0	50 150			



0.500

97.8

70-130

0.489

Surrogate: Toluene-d8

Gasoline Range Organics (C6-C10)

 ${\it Surrogate: Bromofluor obenzene}$

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

	Non	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 (2506113-BLK1)							Prepared: 0	2/07/25 Analy	zed: 02/10/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.487		0.500		97.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.509		0.500		102	70-130			
Surrogate: Toluene-d8	0.500		0.500		99.9	70-130			
LCS (2506113-BS2)							Prepared: 0	2/07/25 Analy	zed: 02/10/25
Gasoline Range Organics (C6-C10)	49.8	20.0	50.0		99.6	70-130			
Surrogate: Bromofluorobenzene	0.480		0.500		95.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.1	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.3	70-130			
Matrix Spike (2506113-MS2)				Source:	E502056-	08	Prepared: 0	2/07/25 Analy	zed: 02/10/25

Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.3	70-130			
Surrogate: Toluene-d8	0.500		0.500		100	70-130			
Matrix Spike Dup (2506113-MSD2)				Source:	E502056-0	8	Prepared: 02	//07/25 Analyzed: 02/10/25	
Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130	3.74	20	
Surrogate: Bromofluorobenzene	0.483		0.500		96.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.492		0.500		98.3	70-130			

0.500

20.0

0.479

70-130

70-130

95.8

QC Summary Data

Matador Resources, LLC.Project Name:Janie Conner Well PadReported:5400 LBJ Freeway, Suite 1500Project Number:23003-0002Dallas TX, 75240Project Manager:Ashley Giovengo2/13/2025 10:48:49AM

, ,,=		, ,		, ,	-					
	Nonha	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 (2506110-BLK1)							Prepared: 0	2/07/25 Ana	lyzed: 02/07/25	
Diesel Range Organics (C10-C28)	ND	25.0								
Oil Range Organics (C28-C36)	ND	50.0								
Surrogate: n-Nonane	56.0		50.0		112	61-141				
LCS (2506110-BS1)							Prepared: 0	2/07/25 Ana	lyzed: 02/07/25	
Diesel Range Organics (C10-C28)	333	25.0	250		133	66-144				
Surrogate: n-Nonane	59.8		50.0		120	61-141				
Matrix Spike (2506110-MS1)				Source:	E502053-	03	Prepared: 0	2/07/25 Ana	lyzed: 02/07/25	
Diesel Range Organics (C10-C28)	315	25.0	250	ND	126	56-156				
Surrogate: n-Nonane	58.1		50.0		116	61-141				
Matrix Spike Dup (2506110-MSD1)				Source:	E502053-	03	Prepared: 0	2/07/25 Ana	lyzed: 02/07/25	
Diesel Range Organics (C10-C28)	336	25.0	250	ND	134	56-156	6.40	20		
Surrogate: n-Nonane	64.4		50.0		129	61-141				



Matrix Spike Dup (2506116-MSD1)

Chloride

5240

QC Summary Data

Matador Resources, LLC. 5400 LBJ Freeway, Suite 1500 Dallas TX, 75240		Project Name: Project Number: Project Manager	: 2	anie Conner W 23003-0002 Ashley Giovens				2	Reported: 2/13/2025 10:48:49AM
		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 (2506116-BLK1)							Prepared: 0	2/07/25 Aı	nalyzed: 02/07/25
Chloride	ND	20.0							
LCS (2506116-BS1)							Prepared: 0	2/07/25 Aı	nalyzed: 02/07/25
Chloride	258	20.0	250		103	90-110			
Matrix Spike (2506116-MS1)				Source:	E502056-	03	Prepared: 0	2/07/25 Aı	nalyzed: 02/07/25
Chloride	5510	200	250	5320	74.1	80-120			M4

250

200

Source: E502056-03

NR

80-120

5.08

5320

QC Summary Report Comment:

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



Prepared: 02/07/25 Analyzed: 02/07/25

20

Definitions and Notes

Γ	Matador Resources, LLC.	Project Name:	Janie Conner Well Pad	
l	5400 LBJ Freeway, Suite 1500	Project Number:	23003-0002	Reported:
l	Dallas TX, 75240	Project Manager:	Ashley Giovengo	02/13/25 10:48

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

associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

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

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

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



	State		
)	UT	TX	
r	ogra	m	
V	VA	RC	RA
	Υ	or	N
m	arks		

	Clie	nt Inform	ation			Invoice Information				L	ab Us	e On	ly				TAT		State			
	latador Prod					Company: Ensolum LLC			wo	205	7.	Job	Num	ber	2	1D 2	D 3D S		NM CO U	T TX		
	Janie Conner					ddress: 3122 National Parks	A STATE OF THE STA	E	20	205	0	200	03	w	4		X					
	lanager: Ash					ty, State, Zip: Carlsbad NM,	88220	_	_			Ana	lucio	and	Mot	and		_	EDA Prog	ram		
	3122 Nation e, Zip: Carlsh				- 1	none: 575-988-0055	com	-	-	1	T	Ana	iysis	and	iviet	noa		SDV	SDWA CWA RCRA			
	575-988-0055		00220			Email: agiovengo@ensolum.com Miscellaneous:								1				307	7A CWA	HCMA		
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	To a contract of								y 8015		н		0.0	V	×	<u>8</u>	1 1	PWS	D#			
				Samp	ple Informati	ion			RO b	RO b	y 802	826	e 300	Z.	105 - 1	Met						
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample ID	Field	Lab Number	DRO/ORO	GRO/DRO by	BTEX by 8021	VOC by 8260	Chloride 300.0	BGDOC - NM	TCEQ 1005 - TX	RCRA 8 Metals			Remark	(S		
0923	2/5/25	- 5	1		SS	01A-01		1						X								
1630	1	1	- 1-			2A-0'		2	Ň					1								
1136						520-1		3														
1208					FS	553-0.51		4														
1217					F	556-0.51		5														
1058					F.	568-0.51	1	6														
1004					Tank	572-0,5		7														
1301					F	593-11		8														
1510					FS	595-0,5		9														
1355						596-1		10														
Addition	al Instructio	ns: Plea	se CC: cbu	rton@en	solum.com,	agiovengo@ensolum.com,	chamilton(@ensolu	m.co	om, ie	strell	la@e	nsoli	um.c	om, j	gonzal	ez@enso	lum.con	١,			
	ns@ensolum		d authanticity o	f this compl	a Lamawaratha	at tampering with or intentionally misla	aboling the cam	nle location	n date	or time	of col	lection	ic con	cidoro	fraud	and may	he grounds	for legal act	tion			
A. Maria dell' dell'illi	:Chad Ham	STEEL CONTROL	a contract to the contract of	i tilis sampi	e. Tantaware the	at tampering with or intentionally misi	avening the sam	pie locatio	ii, date	or time	2 01 001	icction	13 COII	sidered	11000	and may	be grounds	ioi iegai de	ion.			
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						arrangements are made. Hazardou						osed (of at t	ne clie	nt ex	oense. Ti	ne report fo	or the anal	ysis of the abo	ove samples is		



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

envirotecles

envirotecles

Chain of Custody

lient: N	Cilei	Client Information						Invoice Information					b Us	e On	ly				TAT		State			
	Natador Prodi	uction Co	mpany			Company: Ensolum LLC				La	Lab WO# Job Nur E50 2050 2300							1D	2D 3	D Std	NM	CO UT	TX	
Project: Janie Conner Well Pad										E	500	205	0	6/3L	203.	000	2			X	X			
	Manager: Ash					City, State, Zip: Carlsbad NM, 88220				-	Analysis and Met										- cr	A Droge		
Address: 3122 National Parks Hwy City, State, Zip: Carlsbad NM, 88220						Phone: 575-988-0055 Email: agiovengo@ensolum.com					-		AI	Ana	l	ysis an	and	iviet	nou		1	SDWA	PA Program CWA RCRA	
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				Sam	ple Informa	tion					- Sec	NO P	ıy 80.	y 826	de 30	C-N	- 500	3 Me						
Time Sampled	Date Sampled	Matrix	No. of Containers			Sample	e ID		Field	Lab Numbe	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	i	
313	2/5/25	5	1			F597	-11			11						X								
1434		1				F5114	-0.51			12														
1435							5-0,5	i .		13														
359			1			F5118	-0,51			14						1								
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Addition	al Instruction	s: Plea	se CC: cb	urton@er	nsolum.com	, agiover	ngo@ensol	um.com, cham	ilton	ensol	um.co	m, ies	strell	a@e	nsolu	ım.c	om, j	igonz	alez@	ensolu	m.com,			
(field sam	A CONTRACTOR OF THE PERSON OF	validity and	William C. Carl	of this samp	e. I am aware t	hat tamperir	ng with or inter	ntionally mislabeling	the san	nple locati	on, date	or time	of coll	lection	is cons	idered	d frauc	and m	ay be gro	ounds for	legal action.			
ampled by	:Chad Hami ed by: (Signature		HinkleDate		Time	Receive	ed by: (Signat	ure) A	Date		Time			1000		Sample	es requ	iring the	rmal prese	ervation m	ust be received o	on ice the day	they are	
	eg sy. (signature			6/25	11:15	Mic	hele	Gonzales	12	625	5 11	12				sample	ed or re	ceived p	acked in ic	e at an av	g temp above 0 l	but less than	6 °C on	
Mac	ed by: (Signature	neals	Date		Time	Receive	by (Signat	yre)	Date 2.	6.2	Time		30			Rece	eived	on i	ce: (Jab U Y N	lse Only I			
telinguish	ed by/(Signature	2) 0	2 Date	4.25	13c	o eceive	ed-by Sinat	Han	Date	17.2	$\tilde{5}^{Time}$	30	0			T1				2		<u>T3</u>		
elinquish	ed by: (Signature	2)	Date		Time		ed by: (Signat	ure)	Date	tainer Ty	Time							np °C						

envirotech Inc.

Printed: 2/7/2025 8:37:16AM

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:	02/07/25	07:30		Work Order ID:	E502056
Phone:	(972) 371-5200	Date Logged In:	02/06/25	15:29		Logged In By:	Caitlin Mars
Email:	agiovengo@ensolum.com	Due Date:	02/13/25	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: C	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	1 the field.	Yes				
	i.e, 15 minute hold time, are not included in this disucssi					Comments	s/Resolution
	<u> [urn Around Time (TAT)</u>						
6. Did the	e COC indicate standard TAT, or Expedited TAT?		Yes				
Sample C							
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.	i.e., 6°±2°C	Yes				
	Note: Thermal preservation is not required, if samples ar		103				
	minutes of sampling						
13. If no	visible ice, record the temperature. Actual sample	temperature: 4°	<u>C</u>				
Sample (<u>Container</u>						
14. Are a	queous VOC samples present?		No				
15. Are V	OC samples collected in VOA Vials?		NA				
16. Is the	head space less than 6-8 mm (pea sized or less)?		NA				
17. Was a	trip blank (TB) included for VOC analyses?		NA				
18. Are n	on-VOC samples collected in the correct containers	?	Yes				
19. Is the	appropriate volume/weight or number of sample contain	ners collected?	Yes				
Field Lal	<u>oel</u>						
	field sample labels filled out with the minimum info	ormation:					
	ample ID?		Yes				
	ate/Time Collected?		Yes	'			
	ollectors name?		Yes				
_	Preservation		NT.				
	the COC or field labels indicate the samples were p	reserved?	No				
	ample(s) correctly preserved? filteration required and/or requested for dissolved n	* oto1a9	NA				
	1	ietais?	No				
	se Sample Matrix						
	the sample have more than one phase, i.e., multipha		No				
27. If yes	, does the COC specify which phase(s) is to be analy	yzed?	NA				
Subcontr	act Laboratory						
28. Are sa	amples required to get sent to a subcontract laborato	ry?	No				
29. Was a	subcontract laboratory specified by the client and i	f so who?	NA	Subcontract Lab	: NA		
Client Ir	<u>ıstruction</u>						
							

Date

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



APPENDIX E

NMOCD Notifications

From: Wells, Shelly, EMNRD
To: Chad Hamilton

Cc: Ashley Giovengo; Arsenio Jones; jason.touchet@matadorresources.com; Bratcher, Michael, EMNRD

Subject: RE: [EXTERNAL] Janie Conner Slot 2 Well Pad Harold Melton Well - nAPP2422623967 - Background Chloride

Sample Locations

Date: Thursday, December 19, 2024 2:04:35 PM

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

image002.png image003.png image004.png

[**EXTERNAL EMAIL**]

Good afternoon Chad,

Mike Bratcher and I have had the time to discuss the locations proposed. We do not like the area south of the pad for BG02 as it is several feet in elevation lower than the pad therefore could be affected by runoff. Let's move this one up to the northwest of the pad near the location of your original BG05. I have attached a Google Earth screenshot to show where we would like that background location to be. The four backgrounds need to be collected as discrete samples at surface, 1', 2', etc., down to the deepest depth that you believe the impacts of the release to be. The surface samples may be averaged together to get a background at surface, the 1' depth samples may be averaged to get a background for 1', ad infinitum. If you are going to have to excavate to 3' in order to remove the hydrocarbon impact then you would want your background chloride samples to be collected down to 3'. Samples must be tested for all Table 1 constituents; if any BTEX or TPH is in a sample, it can not be used as a background. If you have more questions regarding this please let me know before you proceed.

Kind regards,

Shelly

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

From: Chad Hamilton <chamilton@ensolum.com>

Sent: Monday, December 16, 2024 3:31 PM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Ashley Giovengo <agiovengo@ensolum.com>; Arsenio Jones

<arsenio.jones@matadorresources.com>; jason.touchet@matadorresources.com

Subject: [EXTERNAL] Janie Conner Slot 2 Well Pad Harold Melton Well - nAPP2422623967 - Background Chloride Sample Locations

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

Good Afternoon, Shelly,

I am reaching out with regards to the meeting we had last week about the background sampling completed at the Janie Conner Slot 2 Well Pad Harold Melton Well Pad (Incident Number nAPP2422623967). I have relocated the background sample locations and would like your approval before proceeding with the potholing. I have attached a Site map showing the original Background Sample Locations (green circles) and the newly relocated background sample locations (green pins). Background sample location BG01 has been relocated to a more densely vegetated area, east of the original sample location. Background sample location BG02 has been moved to an area more populate with grass and trees and background sample location BG03 has been moved from the center of the vegetative clearing to the edge of the clearing and within the tree line. BG04, which was similarly located to BG03 has been relocated from the clearing to within the tree line. Please review these new background sampling locations to ensure that they are in areas that have acceptable vegetation growth for background sampling.

Thanks,



From: Wells, Shelly, EMNRD

To: Chad Hamilton; jason.touchet@matadorresources.com; Arsenio Jones; Csnow@matadorresources.com

Cc: Ashley Giovengo; Bratcher, Michael, EMNRD

Subject: RE: [EXTERNAL] Extension Request - Matador - Janie Connor Slot 2 Well Pad / Harold Melton - nAPP2422623967

Date: Thursday, December 12, 2024 10:39:39 AM

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

image002.png image003.png image004.png

[**EXTERNAL EMAIL**]

Good morning Chad,

The extension request for NAPP2422623967 JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13 is approved. The new due date to submit your remediation plan or closure report to the OCD is March 12, 2025. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced

Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520|Shelly.Wells@emnrd.nm.gov

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

From: Chad Hamilton <chamilton@ensolum.com>

Sent: Thursday, December 12, 2024 10:12 AM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; jason.touchet@matadorresources.com;

Arsenio Jones <arsenio.jones@matadorresources.com>; Wells, Shelly, EMNRD

<Shelly.Wells@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>;

Csnow@matadorresources.com

Cc: Ashley Giovengo <agiovengo@ensolum.com>

Subject: [EXTERNAL] Extension Request - Matador - Janie Connor Slot 2 Well Pad / Harold Melton -

nAPP2422623967

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

Good Morning,

Matador Production Company (Matador) is requesting an extension of the current deadline of December 12, 2024, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC at the Janie Connor Slot 2 Well Pad Harold Melton Well 13 (Site) (Incident Number nAPP2422623967). The release occurred on August 12, 2024, and approximately 24 barrels (bbls) of produced water were release on-pad; 20 bbls were recovered. Ensolum personnel have completed lateral and vertical delineation sampling at the Site. After several visits to the Site and multiple attempts to laterally and vertically delineate in accordance with New Mexico Oil Conservation Divion (NMOCD) Table I criteria, an investigation into naturally occurring chloride began. Ensolum personnel completed 5 boreholes in undisturbed areas off-pad to detect for the presence or absence of naturally occurring chloride at the Site. A variance request for background chloride was submitted on November 12, 2024, however it was denied. A meeting was held by Ensolum on behalf of Matador with NMOCD on December 11, 2024, to discuss the variance denial and the relocation of background sample areas (BG01 through BG04). Ensolum personnel will collect discrete soil samples at every foot from ground surface to 3 feet below ground surface (bgs) in background sample locations approved by the NMOCD. A revised chloride variance request will be submitted to the NMOCD web portal for review. Background sample locations will contain a minimum of four samples depths for the purpose of averaging a background chloride concentration in milligrams per kilogram (mg/kg). Matador intends to submit a remediation work plan or closure report upon remediation of the subject matter release. Matador respectfully requests a 90-day extension until March 12, 2025.

A separate background chloride variance request will be submitted to the NMOCD Portal pending completed background sampling.

Thanks,



From: Wells, Shelly, EMNRD

To: Ashley Giovengo; Jason Touchet; Arsenio Jones
Cc: Chad Hamilton; Bratcher, Michael, EMNRD

Subject: RE: [EXTERNAL] Confirmation Sampling Variance - Janie Conner Slot 2 Well Pad Harold Melton Well 13 - Incident

Number nAPP2422623967

Date: Monday, January 13, 2025 2:18:24 PM

Attachments: image001.png

image002.png image003.png

[**EXTERNAL EMAIL**]

Hi Ashley,

Your request to collect samples from the base of the excavation at a frequency of every 400 square feet is approved. Sidewall samples will need to be collected at a frequency of every 200 square feet. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced

Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520 Shelly.Wells@emnrd.nm.gov

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

From: Ashley Giovengo <agiovengo@ensolum.com>

Sent: Monday, January 13, 2025 1:37 PM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>; Wells, Shelly, EMNRD

<Shelly.Wells@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Jason

Touchet <jason.touchet@matadorresources.com>; Arsenio Jones

<arsenio.jones@matadorresources.com>

Cc: Chad Hamilton <chamilton@ensolum.com>

Subject: [EXTERNAL] Confirmation Sampling Variance - Janie Conner Slot 2 Well Pad Harold Melton

Well 13 - Incident Number nAPP2422623967

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

Hello,

Matador Production Company (Matador) is requesting a confirmation sampling variance at the Janie Conner Slot 2 Well Pad Harold Melton Well 13 (Site) (Incident Number nAPP2422623967). On August 12, 2024, a leak developed during fracking activities that resulted in the release of approximately 24 barrels (bbls) of produced water onto the caliche pad; 20 bbls were recovered from the release area. Based on delineation soil sampling completed to date, the impacted an area approximately 45,518 square feet (sq. ft.) in size on Private Land. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring, CP-04828 POD1, located approximately 0.42 miles southeast of the Site. The well had a reported depth to groundwater greater than 55 feet below ground surface (bgs) and a total depth of 55 feet bgs. A desktop review for potential site receptors has been completed for this Site and 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 an irrigation canal located approximately 466 feet northeast of the Site. The Site is not underlain by unstable geology (medium 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 TPH – Gasoline Range Organics (GRO) and TPH – Diesel Range Organics (DRO), 2,500 mg/kg total TPH and 10,000 mg/kg chloride.

On December 11, 2024, a meeting was held to discuss naturally occurring background chloride on-pad and in the area immediately surrounding the Site. Per NMOCD's request, Ensolum will relocate 4 of the background sample locations and collect discrete soil samples at every consecutive foot from ground surface to 3 feet below ground surface (bgs). Matador is scheduled to begin the background soil sampling and excavation of the release area on-pad beginning on January 13, 2025. Matador intends to collect confirmation samples following the removal of waste-containing soil and 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. Matador will submit a remediation work plan or closure 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, Matador believes this *variance request* will provide equal or better protection of public health, the environment. Matador respectfully requests approval for this *variance request* associated with Incident Number (nAPP2422623967).

Thanks,



 $\mid \textbf{in f X} \\$ "Your authenticity is your superpower." – Unknown

From: Wells, Shelly, EMNRD

To: Chad Hamilton; Bratcher, Michael, EMNRD; jason.touchet@matadorresources.com; Arsenio Jones;

Csnow@matadorresources.com

Cc: <u>Ashley Giovengo</u>; <u>Dan Moir</u>

Subject: RE: [EXTERNAL] Matador - Janie Conner Slot 2 Well Pad Harold Melton Well 13 - Incident Number

nAPP2422623967 - Background Chloride Variance Request

Date: Friday, January 31, 2025 3:35:21 PM
Attachments: image001.png

image002.png image003.png image004.png

[**EXTERNAL EMAIL**]

Good afternoon Chad,

The variance request to use the averaged background chloride values is approved. Please note, that referring to your laboratory data, the correct value for BG03 at 3' is 5,130 which when averaged with the other data collected, gives you an average of 2,763 mg/kg. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced

Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520 Shelly. Wells@emnrd.nm.gov

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

From: Chad Hamilton <chamilton@ensolum.com>

Sent: Friday, January 31, 2025 7:39 AM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>; Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; jason.touchet@matadorresources.com; Arsenio Jones <arsenio.jones@matadorresources.com>; Csnow@matadorresources.com

Cc: Ashley Giovengo <agiovengo@ensolum.com>; Dan Moir <dmoir@ensolum.com>

Subject: [EXTERNAL] Matador - Janie Conner Slot 2 Well Pad Harold Melton Well 13 - Incident

Number nAPP2422623967 - Background Chloride Variance Request

CAUTION: This email originated outside of our organization. Exercise caution prior to

clicking on links or opening attachments.

Sample Point	0'	1'	2'	3'
BG01	786	697	1,210	1,800
BG02	4,210	2,770	3,540	1,890
BG03	15,100	6,860	4,710	1,890
BG04	27,100	5,560	3,830	2,230
Average chloride/background	11,799	3,972	3,323	1,953
levels at depth in mg/kg	mg/kg	mg/kg	mg/kg	mg/kg

Hello,

Matador Production Company (Matador) is requesting a *background chloride variance* at the Janie Conner Slot 2 Well Pad Harold Melton Well 13 (Site) (Incident Number nAPP2422623967). On August 12, 2024, equipment failure during fracking operations resulted in the release of approximately 24 barrels (bbls) of produced water; 20 bbls were recovered from the release area. Matador reported the release to the New Mexico Oil Conservation Division (NMOCD) on August 13, 2024, via web portal. The release occurred on a pad and did not impact any off-pad areas.

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 C-04828 POD1 with a depth to groundwater measurement of greater than 55 feet below ground surface (bgs); the well is 0.39 miles from the Site and the date of the last recorded measurement was on June 13, 2024. 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. The closest significant watercourse is an irrigation canal located approximately 466 feet northeast of the Site. The Site is not underlain by unstable geology (medium potential karst designation area) and there are no indicators of surface or subsurface karst features observed at or around the Site. Figure 1 depicts sensitive receptors applicable to the Site. Based on the results of the desktop review and a readjustment of the approved chloride variance request, the following Site Closure Criteria will apply: 10 mg/kg benzene, 50 mg/kg BTEX, 1,000mg/kg GRO/DRO, 2,500 mg/kg GRO/DRO/ORO and 10,000 mg/kg chloride.

On January 13, 2025, Ensolum personnel advanced four boreholes (BG01 through BG04, Figure 2) in areas that had not been previously disturbed by oil and gas operations previously selected by NMOCD personnel during our correspondence on December 19, 2024, at depths ranging from ground surface to 3 feet bgs at the Site (See Figure 2). Laboratory analytical results indicated the presence of naturally occurring chloride concentrations in soil exceeding 600 parts per million (ppm) (also measured as mg/kg) in all four of the undisturbed areas, with a maximum chloride concentration of 27,100 mg/kg detected at BG04. When detected, the elevated concentrations occurred starting at ground surface. (See Table 2).

Naturally occurring chloride concentrations ranging from 697 mg/kg to 27,100 mg/kg off pad has been documented.

Based on assessments of naturally occurring chloride concentrations beneath and adjacent to the Site, Ensolum, on behalf of Matador, is proposing an adjusted Closure Criteria and sampling variance be considered for remediation of the Site, which includes the following:

• Lateral delineation to meet a chloride variance of 11,799 mg/kg and 100 mg/kg for TPH; this is an average concentration of all sample collected at ground surface within the background sampling locations.

Matador is requesting this background chloride and sampling variance in order to remediate/excavate soil in the release area that exceed naturally occurring chloride concentrations. Matador will submit a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC following excavation and confirmation sampling activities. Due to the regional geology with documented elevated chloride levels at or near the Site, Matador believes this variance request will provide equal or better protection of public health and the environment. Matador respectfully requests approval for this variance request associated with Incident Number (nAPP2420927733).

Thanks,



<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 373176

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	373176
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

Location of Release Source		
Please answer all the questions in this group.		
Site Name	Janie Conner slot 2 well pad Harold Melton Well 132 H	
Date Release Discovered	08/12/2024	
Surface Owner	Private	

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 24 BBL Recovered: 20 BBL Lost: 4 BBL.	
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)	Not answered.	

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

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

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

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

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

QUESTIONS, Page 2

Action 373176

QUESTIONS (con	ıtınuea)
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Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	373176
	Action Type:
	[NOTIFY] Notification Of Release (NOR)
· · · · · · · · · · · · · · · · · · ·	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	gas only) are to be submitted on the C-129 form.

Initial Response		
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.		
The source of the release has been stopped	True	
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

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

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

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

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

ACKNOWLEDGMENTS

Action 373176

ACKNOWLEDGMENTS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	373176
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

V	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
✓	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
✓	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.
V	I acknowledge the fact that 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.
V	I acknowledge the fact that, 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.

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

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

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

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

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

CONDITIONS

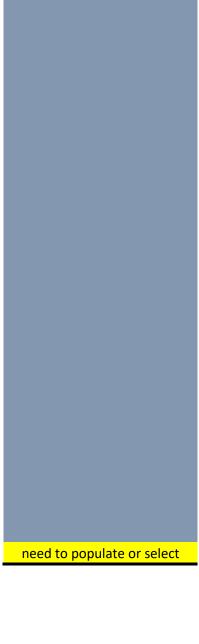
Action 373176

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	373176
	Action Type:
	[NOTIFY] Notification Of Release (NOR)

Created By		Condition Date
j_touchet	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	8/13/2024

Impacted Soil
Saturated Soil (inches)
Spill Area (sq ft)
Standing fluids
inches of standing fluid
bbl estimate of standing fluids
barrels recovered (if known)
Soil type
pad caliche
Spill type
produced water
Barrel estimate in soil
Domail action et a fete ordine fluidad access and discussive
Barrel estimate (standing fluids/ recovered+in soil)



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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 373840

QUESTIONS

ı	Operator:	OGRID:
ı	MATADOR PRODUCTION COMPANY	228937
ı	One Lincoln Centre	Action Number:
ı	Dallas, TX 75240	373840
ı		Action Type:
ı		[C-141] Initial C-141 (C-141-v-Initial)

Prerequisites	
Incident ID (n#)	nAPP2422623967
Incident Name	NAPP2422623967 JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13 $\textcircled{@}$ 30-015-54900
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Well	[30-015-54900] HARROLD MELTON FEDERAL COM #132H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Janie Conner slot 2 well pad Harold Melton Well 132H
Date Release Discovered	08/12/2024
Surface Owner	Private

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 24 BBL Recovered: 20 BBL Lost: 4 BBL.	
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)	Not answered.	

District I
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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 **District IV**

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 373840

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462	i Fe, inivi 07909	
QUESTI	ONS (continued)	
Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID:	
QUESTIONS	[0-141] India 0-141 (0-141-4-India)	
Nature and Volume of Release (continued)		
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.	
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No	
Reasons why this would be considered a submission for a notification of a major release	Unavailable.	
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	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	safety hazard that would result in injury.	
The source of the release has been stopped True		
The impacted area has been secured to protect human health and the environment	True	
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True	
All free liquids and recoverable materials have been removed and managed appropriately	True	
If all the actions described above have not been undertaken, explain why	Not answered.	
	iation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.	
to report and/or file certain release notifications and perform corrective actions for releate OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface 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: Jason Touchet Title: EHS Field Rep	

Email: jason.touchet@matadorresources.com

Date: 08/14/2024

District I

storage site

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

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

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

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

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

QUESTIONS, Page 3

Action 373840

Operator.	OUND.
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	373840
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS (continued)

QUESTIONS Site Characterization Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the elease discovery date. What is the shallowest depth to groundwater beneath the area affected by the Not answered. release in feet below ground surface (ft bgs) What method was used to determine the depth to ground water Not answered. Did this release impact groundwater or surface water Not answered. 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 Not answered. Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Not answered. An occupied permanent residence, school, hospital, institution, or church Not answered. A spring or a private domestic fresh water well used by less than five households Not answered for domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. A wetland Not answered. A subsurface mine Not answered. An (non-karst) unstable area Not answered. Categorize the risk of this well / site being in a karst geology Not answered. A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered.

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	No	
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.		

District I
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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 373840

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	373840
	Action Type:
	[C-141] Initial C-141 (C-141-v-Initial)

Created B	y Condition	Condition Date
scwells	None	8/14/2024

Phone: (505) 629-6116
Online Phone Directory
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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 419739

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	419739
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2422623967
Incident Name	NAPP2422623967 JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13 @ 30-015-54900
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-54900] HARROLD MELTON FEDERAL COM #132H

Location of Release Source	
Site Name	JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13
Date Release Discovered	08/12/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	45,517	
What is the estimated number of samples that will be gathered	228	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/15/2025	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Chad Hamilton (940) 923-0072	
Please provide any information necessary for navigation to sampling site	32.22156,-104.05138	

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 419739

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	419739
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	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.	1/13/2025

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

QUESTIONS

Action 419742

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	419742
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites		
Incident ID (n#)	nAPP2422623967	
Incident Name	NAPP2422623967 JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13 @ 30-015-54900	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Well	[30-015-54900] HARROLD MELTON FEDERAL COM #132H	

Location of Release Source	
Site Name	JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13
Date Release Discovered	08/12/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	45,517	
What is the estimated number of samples that will be gathered	228	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/16/2025	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Chad Hamilton (940) 923-0072	
Please provide any information necessary for navigation to sampling site	32.22156,-104.05138	

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 419742

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	419742
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	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.	1/13/2025

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

QUESTIONS

Action 419744

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	419744
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites		
Incident ID (n#)	nAPP2422623967	
Incident Name	NAPP2422623967 JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13 @ 30-015-54900	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Well	[30-015-54900] HARROLD MELTON FEDERAL COM #132H	

Location of Release Source	
Site Name	JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13
Date Release Discovered	08/12/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	45,517	
What is the estimated number of samples that will be gathered	228	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/17/2025	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Chad Hamilton (940) 923-0072	
Please provide any information necessary for navigation to sampling site	32.22156,-104.05138	

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 419744

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	419744
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	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.	1/13/2025

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 421263

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	421263
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites		
Incident ID (n#)	nAPP2422623967	
Incident Name	NAPP2422623967 JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13 @ 30-015-54900	
Incident Type	Produced Water Release	
Incident Status	Initial C-141 Approved	
Incident Well	[30-015-54900] HARROLD MELTON FEDERAL COM #132H	

Location of Release Source	
Site Name	JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13
Date Release Discovered	08/12/2024
Surface Owner	Private

Sampling Event General Information		
Please answer all the questions in this group.		
What is the sampling surface area in square feet	45,517	
What is the estimated number of samples that will be gathered	288	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/20/2025	
Time sampling will commence	08:00 AM	
Please provide any information necessary for observers to contact samplers	Chad Hamilton (940) 923-0072	
Please provide any information necessary for navigation to sampling site	32.22156,-104.05138	

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 421263

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	421263
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created By		Condition Date
j_touchet	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.	1/15/2025

Phone: (505) 629-6116
Online Phone Directory
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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 427152

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	427152
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Prerequisites	
Incident ID (n#)	nAPP2422623967
Incident Name	NAPP2422623967 JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13 @ 30- 015-54900
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-54900] HARROLD MELTON FEDERAL COM #132H

Location of Release Source	
Site Name JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13	
Date Release Discovered 08/12/2024	
Surface Owner Private	

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	4,400
What is the estimated number of samples that will be gathered	11
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/05/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Chad Hamilton 940-923-0072
Please provide any information necessary for navigation to sampling site	32.22156, -104.05138

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 427152

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	427152
	Action Type:
	[NOTIFY] Notification Of Sampling (C-141N)

Created B	y Condition	Condition Date
j_touch	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.	1/31/2025

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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 438605

QUESTIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	438605
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Prerequisites	
Incident ID (n#)	nAPP2422623967
Incident Name	NAPP2422623967 JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13 $\textcircled{0}$ 30-015-54900
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-54900] HARROLD MELTON FEDERAL COM #132H

Location of Release Source	
Please answer all the questions in this group.	
Site Name JANIE CONNER SLOT 2 WELL PAD HAROLD MELTON WELL 13	
Date Release Discovered	08/12/2024
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Other (Specify) Produced Water Released: 24 BBL Recovered: 20 BBL Lost: 4 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 438605

QUESTIONS ((continued)
QUEU IIOI10	com in inca,

Operator: MATADOR PRODUCTION COMPANY	OGRID: 228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	438605
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS	
Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
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	refety 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	True
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 o 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 releating 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 required asses which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface 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: Jason Touchet Title: EHS Field Rep Email: jason.touchet@matadorresources.com Date: 03/04/2025

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 438605

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	438605
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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 ar	nd the following surface areas:
A continuously flowing watercourse or any other significant watercourse	Between 300 and 500 (ft.)
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	Between 1000 (ft.) and ½ (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be 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 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 millig	grams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	37700	
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	56700	
GRO+DRO (EPA SW-846 Method 8015M)	30100	
BTEX (EPA SW-846 Method 8021B or 8260B)	0	
Benzene (EPA SW-846 Method 8021B or 8260B)	0	
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.		
On what estimated date will the remediation commence	01/13/2025	
On what date will (or did) the final sampling or liner inspection occur	02/05/2025	
On what date will (or was) the remediation complete(d)	02/05/2025	
What is the estimated surface area (in square feet) that will be reclaimed	0	
What is the estimated volume (in cubic yards) that will be reclaimed	0	
What is the estimated surface area (in square feet) that will be remediated	47485	
What is the estimated volume (in cubic yards) that will be remediated	1120	
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

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

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

Released to Imaging: 3/12/2025 10:09:53 AM

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 438605

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	438605
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:		
(Select all answers below that apply.)		
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)		
Which OCD approved facility will be used for off-site disposal	Not answered.	
OR which OCD approved well (API) will be used for off-site disposal	Not answered.	
OR is the off-site disposal site, to be used, out-of-state	Not answered.	
OR is the off-site disposal site, to be used, an NMED facility	Yes	
What is the name of the NMED facility	Lea Land LLC and R360 Hobbs NM	
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.	
(In Situ) Soil Vapor Extraction	Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.	
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.	
OTHER (Non-listed remedial process)	Not answered.	

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

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

I hereby agree and sign off to the above statement

Name: Jason Touchet Title: EHS Field Rep

Email: jason.touchet@matadorresources.com

Date: 03/04/2025

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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QUESTIONS, Page 5

Action 438605

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	438605
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

QUESTIONS, Page 6

Action 438605

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	438605
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	427152
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/05/2025
What was the (estimated) number of samples that were to be gathered	11
What was the sampling surface area in square feet	4400

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	47485	
What was the total volume (cubic yards) remediated	1120	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	0	
What was the total volume (in cubic yards) reclaimed	0	
Summarize any additional remediation activities not included by answers (above)	N/A	

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

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

Name: Jason Touchet

Title: EHS Field Rep
Email: jason.touchet@matadorresources.com
Date: 03/04/2025

General Information Phone: (505) 629-6116

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QUESTIONS, Page 7

Action 438605

QUESTIONS (continued)

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	438605
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 438605

CONDITIONS

Operator:	OGRID:
MATADOR PRODUCTION COMPANY	228937
One Lincoln Centre	Action Number:
Dallas, TX 75240	438605
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Created	,	Condition Date
scwe	Is None	3/12/2025